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UNIVERSITY OF CALCUTTA

THE

CALENDAR

FOR THE YEARS

1920

&

1921

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THE

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FOR THE YEARS

1920 & 1921

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1921

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1920

JANUARY

1	Th	New Year's Day.
2	F	Convocation.
3	S	
4	S	
5	M	Convocation
6	T	
7	W	
8	Th	
9	F	
10	S	
11	S	
12	M	Preliminary Examination in Law begins M. L.
13	T	Examination begins. D. P. H. Examination
14	W	begins
15	Th	
16	F	Last day of application for admission to the Matric. Examination.
17	S	University of Calcutta founded, 1857.
18	S	
19	M	Intermediate Examination in Law begins
20	T	
21	W	
22	Th	
23	F	
24	S	
25	S	
26	M	} Sri Panchami
27	T	}
28	W	Final Examination in Law begins.
29	Th	
30	F	
31	S	Last day of application for admission to the Intermediate Examinations in Arts and Science. Annual meeting of the Senate.

FEBRUARY

1	S	
2	M	
3	T	
4	W	
5	Th	
6	F	Last day of application for admission to the B.A and B.Sc Examinations Last day of application for admission to the L T. and B.T. Examinations.
7	S	
8	S	
9	M	
10	T	
11	W	
12	Th	
13	F	
14	S	
15	S	
16	M	
17	T	
18	W	
19	Th	
20	F	
21	S	
22	S	
23	M	
24	T	
25	W	
26	Th	
27	F	
28	S	
29	S	

MARCH

1	M	Matriculation Examination begins.
2	T	
3	W	Last day of application for admission to the Pr Sc. and Final
4	Th	Doljatra. M.B. Examinations.
5	F	
6	S	
7	S	
8	M	
9	T	
10	W	
11	Th	
12	F	
13	S	
14	S	Intermediate Examinations in Arts and Science begin.
15	M	Last day of application for admission to the First
16	T	M B. Examination.
17	W	
18	Th	
19	F	
20	S	
21	S	
22	M	L T. and B T. Examinations begin B A Examination begins
23	T	
24	W	
25	Th	
26	F	
27	S	
28	S	
29	M	
30	T	
31	W	

REGISTRAR
OSMANIA UNIVERSITY.

APRIL

1	Th	Last day of application for admission to the D P H. Examination
2	F	Good Friday and Easter Holidays begin
3	S	
4	**S**	
5	M	
6	T	B.Sc. Examination begins
7	W	Pr Sc. M B and Final M B Examinations begin
8	Th	
9	F	
10	S	
11	**S**	
12	M	
13	T	Chaitra Sankranti
14	W	
15	Th	
16	F	
17	S	
18	**S**	
19	M	First M.B. Examination begins.
20	T	
21	W	
22	Th	
23	F	
24	S	
25	**S**	
26	M	
27	T	
28	W	
29	Th	
30	F	

MAY		
1	S	
2	S	
3	M	D. P. H Examination begins.
4	T	Subebarat
5	W	
6	Th	
7	F	
8	S	
9	S	
10	M	
11	T	
12	W	
13	Th	
14	F	
15	S	
16	S	
17	M	
18	T	
19	W	
20	Th	
21	F	
22	S	
23	S	
24	M	
25	T	
26	W	
27	Th	Dasahara
28	F	
29	S	Last day of application for admission to the M A. and M. Sc Examinations
30	S	
31	M	

JUNE

1	T	
2	W	
3	Th	
4	F	
5	S	Last day of application for admission to the Pre Law, Inter Law and final Law Examinations
6	**S**	
7	M	
8	T	
9	W	
10	Th	
11	F	
12	S	
13	**S**	
14	M	
15	T	
16	W	
17	Th	
18	F	Rath Jatra.
19	**S**	Id-ul-fitr.
20	**S**	
21	M	
22	T	
23	W	
24	Th	
25	F	Last day of application for admission to the I.E. and B.E. Examinations.
26	S	
27	**S**	
28	M	
29	T	
30	W	

JULY

1	Th	
2	F	
3	S	
4	S	[Examinations begin
5	M	Preliminary Examination in Law begins. I. E. and B. E.
6	T	Last day of application for admission to the M.D., M.S., and
7	W	M O. Examintions
8	Th	
9	F	
10	S	
11	S	
12	M	Intermediate Examination in Law begins
13	T	
14	W	
15	Th	
16	F	
17	S	University of Bombay founded, 1857
18	S	
19	M	Final Examination in Law begins.
20	T	
21	W	
22	Th	
23	F	
24	S	
25	S	
26	M	
27	T	
28	W	
29	Th	
30	F	
31	S	

AUGUST

1	S	
2	M	
3	T	
4	W	
5	Th	
6	F	
7	S	
8	S	
9	M	
10	T	
11	W	
12	Th	
13	F	
14	S	
15	S	
16	M	
17	T	
18	W	
19	Th	
20	F	
21	S	
22	S	
23	M	
24	T	
25	W	Id-uz zuha.
26	Th	
27	F	
28	S	Last day of application for admission to the Prel. Scientific, First and Final M. B Examinations
29	S	
30	M	M. A. and M. Sc Examinations begin.
31	T	

SEPTEMBER

1	W	
2	Th	
3	F	
4	S	
5	S	Janmashtami
6	M	M D., M.S, and M.O. Examinations begin.
7	T	
8	W	
9	Th	
10	F	
11	S	
12	S	
13	M	Last day of application for admission to the M L Examination Perl Scientific, and Final M B Examinations begin
14	T	
15	W	
16	Th	
17	F	
18	S	First M.B. Examination begins.
19	S	
20	M	
21	T	
22	W	
23	Th	Maharram.
24	F	
25	S	
26	S	
27	M	
28	T	
29	W	
30	Th	

OCTOBER

1	F	
2	S	
3	S	
4	M	
5	T	
6	W	
7	Th	
8	F	
9	S	
10	S	
11	M	
12	T	
13	W	
14	Th	
15	F	
16	S	
17	S	
18	M	Durga Puja and Laksmi Puja holidays begin.
19	T	
20	W	
21	Th	
22	F	
23	S	
24	S	
25	M	
26	T	
27	W	
28	Th	
29	F	
30	S	
31	S	

NOVEMBER

1	M	
2	T	
3	W	
4	Th	
5	F	
6	S	
7	S	
8	M	
9	T	Kali Puja
10	W	Kali Puja
11	Th	Bhatri Dwitiya
12	F	
13	S	
14	S	
15	M	Kartik Puja.
16	T	
17	W	
18	Th	
19	F	
20	S	Jagaddhatri Puja.
21	S	Jagaddhatri Puja.
22	M	
23	T	Fatiha Duwazdaham
24	W	
25	Th	
26	F	
27	S	
28	S	
29	M	
30	T	

DECEMBER

1	W	
2	Th	
3	F	
4	S	
5	**S**	
6	M	
7	T	
8	W	
9	Th	
10	F	
11	S	
12	**S**	
13	M	M.L. Examination begins
14	T	
15	W	
16	Th	
17	F	
18	S	
19	**S**	
20	M	
21	T	
22	W	
23	Th	Christmas Holidays begin.
24	F	
25	S	
26	**S**	
27	M	
28	T	
29	W	
30	Th	
31	F	

Calendar

1921

JANUARY

1	S	New Year's Day.
2	S	
3	M	Last day of application for admission to the Matriculation Examination
4	T	
5	W	Preliminary Examination in Law begins.
6	Th	
7	F	
8	S	
9	S	
10	M	Intermediate Examination in Law begins
11	T	
12	W	
13	Th	
14	F	
15	S	
16	S	
17	M	University of Calcutta founded, 1857. Final
18	T	Examination in Law begins
19	W	
20	Th	
21	F	
22	S	
23	S	
24	M	Last day of application for admission to the I. A. and I Sc
25	T	Examinations, and B A and B Sc. Examinations.
26	W	
27	Th	
28	F	
29	S	
30	S	
31	M	Last day of application for admission to the L. T. and B T. Examinations

FEBRUARY

1	T	
2	W	
3	Th	
4	F	
5	S	
6	**S**	
7	**M**	
8	**T**	
9	**W**	
10	**Th**	
11	**F**	
12	**S**	
13	**S**	} Sri Panchami
14	M	
15	T	
16	W	
17	Th	
18	F	
19	S	
20	**S**	
21	**M**	
22	**T**	
23	**W**	
24	**Th**	
25	**F**	
26	**S**	
27	**S**	
28	**M**	

MARCH

1	T	Matriculation Examination begins.
2	W	
3	Th	
4	F	
5	S	
6	**S**	
7	M	
8	T	
9	W	I A and I Sc Examinations begin
10	Th	
11	F	
12	S	
13	**S**	
14	M	
15	T	
16	W	
17	Th	B A Examination in Honours begins
18	F	L T and B T Examinations begin
19	S	
20	**S**	
21	M	B A Examination in Pass begins
22	T	
23	W	Doljatra
24	Th	
25	F	Good Friday and Easter Holidays begin
26	S	
27	**S**	
28	M	
29	T	
30	W	
31	Th	

APRIL

1	F	
2	S	B. Sc Examination in Honours begins
3	S	
4	M	
5	T	B Sc Examination in Pass begins
6	W	
7	Th	
8	F	
9	S	
10	S	
11	M	
12	T	
13	W	Chaitra Sankranti
14	Th	
15	F	
16	S	
17	S	
18	M	
19	T	
20	W	
21	Th	
22	F	
23	S	
24	S	
25	M	
26	T	
27	W	
28	Th	
29	F	
30	S	

MAY

1	**S**
2	M
3	T
4	W
5	Th
6	F
7	S
8	**S**
9	M
10	T
11	W
12	Th
13	F
14	S
15	**S**
16	M
17	T
18	W
19	Th
20	F
21	S
22	**S**
23	M
24	T
25	W
26	Th
27	F
28	S
29	**S**
30	M
31	T

JUNE

1	W	
2	Th	
3	F	
4	S	
5	**S**	
6	M	
7	T	
8	W	Id-ul-fitr
9	Th	
10	F	
11	S	
12	**S**	
13	M	
14	T	
15	W	Dasahara
16	Th	
17	F	
18	**S**	
19	**S**	
20	M	
21	T	
22	W	
23	Th	
24	F	
25	S	
26	**S**	
27	M	
28	T	
29	W	
30	Th	

JULY

1	F	
2	S	
3	S	
4	M	
5	T	
6	W	
7	Th	
8	F	
9	S	
10	S	
11	M	
12	T	
13	W	
14	Th	
15	F	
16	S	
17	S	University of Bombay founded, 1857
18	M	
19	T	
20	W	
21	Th	
22	F	
23	S	
24	S	
25	M	
26	T	
27	W	
28	Th	
29	F	
30	S	
31	S	

AUGUST

1	M	
2	T	
3	W	
4	Th	
5	F	
6	S	
7	**S**	
8	M	
9	T	
10	W	
11	Th	
12	F	
13	S	
14	**S**	
15	M	Id-uz-zuha
16	T	
17	W	
18	Th	
19	F	
20	S	
21	**S**	
22	M	
23	T	
24	W	
25	Th	
26	F	Janmastami
27	S	
28	**S**	
29	M	
30	T	
31	W	

SEPTEMBER

1	Th	
2	F	
3	S	
4	**S**	
5	M	
6	T	
7	W	
8	Th	
9	F	
10	S	
11	**S**	
12	M	
13	T	} Muharram
14	W	
15	Th	
16	F	
17	S	
18	**S**	
19	M	
20	T	
21	W	
22	Th	
23	F	
24	S	
25	**S**	
26	M	
27	T	
28	W	
29	Th	
30	F	

OCTOBER

1	S	Mahalaya
2	S	
3	M	
4	T	
5	W	
6	Th	
7	F	
8	S	Durga Puja
9	S	Durga Puja
10	M	Durga Puja
11	T	Durga Puja
12	W	
13	Th	
14	F	
15	S	
16	S	Lakshmi Puja
17	M	Lakshmi Puja
18	T	
19	W	
20	Th	
21	F	
22	S	
23	S	
24	M	
25	T	
26	W	
27	Th	
28	F	
29	S	
30	S	Kali Puja
31	M	Kali Puja

NOVEMBER

1	T	
2	W	
3	Th	
4	F	
5	S	
6	**S**	
7	M	
8	T	
9	W	Jagaddhatri Puja
10	Th	
11	F	
12	S	
13	**S**	
14	M	
15	T	
16	W	
17	Th	
18	F	
19	S	
20	**S**	
21	M	
22	T	
23	W	
24	Th	
25	F	
26	S	
27	**S**	
28	M	
29	T	
30	W	

DECEMBER

1	Th	
2	F	
3	S	
4	**S**	
5	M	
6	T	
7	W	
8	Th	
9	F	
10	S	
11	**S**	
12	M	
13	T	
14	W	
15	Th	
16	F	
17	S	
18	**S**	
19	M	
20	T	
21	W	
22	Th	
23	F	
24	S	Christmas Holidays begin
25	**S**	
26	M	
27	T	
28	W	
29	Th	
30	F	
31	S	

I

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Mr. T H Richardson, M A, B.A.I, M I C E
Mr H A Crouch, F R I.B A,
The Hon'ble Mr C D M Hindley, M A, M Inst C E

Added Members

Rai Bahadur, Sailendranath Banerjee B.E
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Members.

The Hon'ble Mr W W Hornell, C I E, M A,—Director of Public Instruction, Bengal.

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,, J. N Das Gupta, B A (Oxon)
Rev Dr W S Urquhart M A, D Phil
The Hon ble Dr. A Suhrawardy, M A Ph D

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Mr Charuchandra Biswas, M A, B L
Mr D R Bhandarkar, M A
,, Pramathanath Banerjee, M A, B L

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Dr P J Bruhl, I S O D Sc, F C S, F G S

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The Hon'ble Sir Asutosh Mookerjee, Kt, C S I
Mr Birajmohan Majumdar, M A, B L

ELECTED BY THE FACULTY OF MEDICINE

Rai Bahadur Dr U N Brahmachari, M A, M D, Ph D
Lt Col B H Dean M B, M R C P, D P H, I M S

ELECTED BY THE FACULTY OF ENGINEERING

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THE ASSISTANT REGISTRAR

Mr Chandrabhushan Maitra, M A

THE CONTROLLER OF EXAMINATIONS

Rai Abinaschandra Bose, Bahadur, M A

THE ASSISTANT CONTROLLER.

Mr Narendranath Sen, M A, B Sc

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Mr J C. Ghosh, M.A , 1918, (on deputation)
Dr H C. Mookerjee, M A , Ph D , Offg 1920

PREMCHAND ROYCHAND STUDENTS

1919	Banerjee, Pramathanath, M A , B L	Presidency College
,,	Acharyya, Dhireschandra, M A	University Student
,,	Bhattacharyya, Haridas, M A	Scottish Churches College
,,	Saha, Dr Meghnad, D Sc	Presidency College

Ex-Students

1868	Mukhopadhyay, Asutosh	Presidency College
1869	Basu, Anandamohan	Ditto
1870	De, Gaurisankar	Ditto
1871	Mitra, Saradacharan	Ditto
1872	,, Kartikchandra	Ditto
1873	Mukhopadhyay, Girijabhushan	Ditto
1874	*Bandyopadhyay, Biharilal	Ditto
1876	*Batavyal, Umeschandra (for 4 years)	Sanskrit College
1877	*Mulraj	Lahore College
	Basu, Nandakrishna (for 4 years)	Presidency College
1878	*Lahiri, Prasannakumar	Ditto
1879	*Kennedy, Pringle	Teacher
1880	*Majumdar, Nilkantha	Presidency College
1881	*Agasti, Suryyakumar	Ditto
1882	*Gupta, Asutosh	Ditto
1884	*Majumdar, Ramchandra	Presidency College
1885	*Bandyopadhyay, Rajendrachandra	Sanskrit College
1886	*Mukhopadhyay, Asutosh	Presidency College
1888	*Trivedi, Ramendrasundar	Ditto
	*Basu, Abinaschandra	Ditto
1890	*Majumdar, Upendralal	Ditto
1891	*Wheeler, Edward Montague	Bishop's College
1891	Bhattacharyya, Janakinath	Sanskrit College
	Datta, Hirendranath	Presidency College
1892	*Ghatak, Mohinikanta	Ditto
1893	*Holland, Florence Mary	Private Student
1894	*Bhaduri, Jyotibhushan	Presidency College
1895	*Bandyopadhyay, Satischandra	Agra College
1896	*Chakrabarti, Jnansaran	Presidency College
1897	*Sarkar, Jadunath	Ditto
1898	*Brahmachari, Indubhushan	Ditto
1899	*Sen, Priyanath	Ditto
1900	*De, Krishnaprasad	Presidency College and General Assembly's Institution
1901	*Bhattacharyya Krishnachandra	Presidency College
1902	*Sen, Jatindranath	Ditto
1903	*Mukhopadhyay, Adityanath	F C of Scotland's Institution and Duff College

* Mouat Medalists

1904	*Gangopadhyay, Phanindralal		Presidency College
1905	*Mukhopadhyay, Radhakumud		Ditto
1906	*Niyogi, Panchanan		Ditto
1907	*Ghosh, Praphullachandra		Ditto
1908	*Basak, Nabagauranga		Ditto
1910	*Bagchi, Haridas		Non-Collegiate Student
,,	*Sarker, Anukulchandra	.	Dacca College
1911	*Sengupta, Hemendrakumar	..	Non-Collegiate Student
,,	*Ray, Manmathanath	..	Ditto
,,	*Majumdar, Surendranath		Ditto
1912	* ,, Rameschandra		Ditto
1913	*De, Bimanbihari		University Student
,,	*Mukhopadhyay Gurindralal	.	Scottish Churches College
,,	*Bandyopadhyay, Gauranganath		Presidency College
1914	*Mukhopadhyay, Bhujangabhushan	.	Ditto
,,	*Gangopadhyay, Surendramohan		Ditto
1915	*Mukhopadhyay, Radhakamal		Ditto
,	*Law, Narendranath		Ditto
,,	*Bandyopadhyay, Sudhansukumar	.	Ditto
1916	*Datta, Dr Rasiklal		Ditto
,,	Ghosh, Dr Brajendranath	.	University Student
,,	Chattopadhyay, Sunitikumar	..	Presindency College
,	Mitra Susilkumar		Univeraity Student
1917	De, Susilkumar	..	Presidency College
,,	Sen, Surendranath		University Student
,,	Datta, Bibhutibhushan		Presidency College
1918	Bhattacharyya, Mohinimohan	.	Ditto
,,	Mitra, Panchanan		Ditto
,,	Ghosh, Jnanendrachandra	..	Ditto

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*Mouat Medalist

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1912 The Right Hon'ble Thomas David Gibson, Baron Carmichael of Skirling, G C I E, K C M G, M A
1917 The Right Hon'ble Lawrence John Lumley Dundas Earl of Ronaldshay G C I E

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24th January,	1857 The Hon'ble Sir James William Colvile, Kt
25th „	1859 The Hon'ble William Ritchie
8th April,	1862 The Hon'ble Claudius James Erskine
27th March,	1863 The Hon'ble Henry Sumner Maine, LL D
28th „	1867 The Hon'ble Mr Justice W S Seton-Karr C S
22nd April,	1869 The Hon'ble E C Bayley, C S I, C S
18th March	1875 The Hon'ble Arthur Hobhouse Q C
30th „	1877 The Hon'ble Mr Justice William Markby M A.
6th Sept,	1878 The Hon'ble Sir Alexander Arbuthnot, K C S I, C I E
19th March,	1880 The Hon'ble Mr Justice Arthur Wilson, M A
2nd February	1883 The Hon'ble H J Reynolds, B A, C S
5th „	1886 The Hon'ble C P Ilbert, M A, C S I, C I E
2nd Nov,	1886 The Hon'ble W W Hunter, B A, C S I, C I E, LL D, C S
10th June,	1887 The Hon'ble Sir William Comer Petheram, Kt, Q C
1st January,	1890 The Hon'ble Mr Justice Gooroo Dass Banerjee, M A, D L
1st „	1893 The Hon'ble Mr Justice Jones Quain Pigot, B A
19th Dec,	„ Sir Alfred Croft, K C I E, M A
1st January,	1897 The Hon'ble Mr Justice F J Treveylan
10th May	1898 The Hon'ble Sir Francis William Maclean, Kt, K C.I E. Q C M A
24th August,	1900 The Hon'ble Sir Thomas Raleigh, K C S I, M A, D.C L
2nd April,	1904 Sir Alexander Pedler, Kt, C.I.E, F R S
31st March,	1906 The Hon'ble Mr Justice Asutosh Mookerjee, *Saraswati, Sastra-Vacaspati*, Kt, C S I, M A, D L, D Sc, Ph D, F R A S I R S E, F A S B
31st „	1914 The Hon'ble Sir Devaprasad Sarvadhikary, *Sastratna Vidyaratnakar* C I E, M A, LL D
31st „	1918 The Hon'ble Sir Lancelot Sanderson, Kt, K C, M A I L B
31st „	1919 The Hon'ble Sir Nilratan Sircar, Kt, M A, M D

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1881 W[illegible]
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1870 F N Macnam[illegible]
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,, Lt-Col J T Calvert, M B, M R C P I M S
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1902 The Hon'ble Mr D B Horn, F C.H
1903 J S Slater, Esq
1904 D B Horn Esq, F.C H
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,, The Hon'ble Mr A S Thomson
1910 B Heaton, Esq
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1914 The Hon'ble Mr B K Finnimore
,, B Heaton, Esq
1920 The Hon'ble Mr F A A Cowley, C I E

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1914 P J Bruhl Esq, D Sc, I.S O, F C S, F.G S, F A S B
1918 P J Bruhl, Esq, D Sc, I S O, F C S, F.G S. F A.S B
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1919 Jnanchandra Ghosh, Esq M A

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1885 Rai Troyluckonath Banerjee, Bahadur
1901 Mr Girischandra Mukerjee, M A
1915 „ Chandrabhushan Maitra, M A

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1919 Mr Narendranath Sen, M A, B Sc

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1911 Mr Binayendranath Sen M A, *Officiating*
1912 P K Ray, Esq, D Sc
1917 Jnanchandra Ghosh, Esq, M A
1919 Jnanchandra Ghosh Esq, M A (on deputation)
1919 Rai Kumudinikanta Banerjee, Bahadur, M A, *Officiating*
1920 Dr H C Mookerjee, M A, Ph D *Officiating*

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1909 The Hon'ble Mr Devaprasad Sarvadhikary M A B L
1913 The Hon'ble Dr Devaprasad Sarvadhikary, M A, LL D
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II

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Mr S K Chakrabarti, M A
„ Ashutosh Chatterjee, M A, B L
„ Charuchandra Biswas, M A, B L
„ Hiralal Sanyal, M A B L

BUDDHIST LAW

Maung May Aung, Esq, M A, LL B

M D. EXAMINATION, 1919.

Board of Examiners

The Dean of the Faculty of Medicine,—*President, Ex-Officio*
The Hon'ble Sir Nilratan Sirkar, Kt, M A, M D
Rai Bahadur Dr. U N Brahmachari, M A, M D., Ph D
Lt.-Col. B. H Deare, M B, M R C P., I M S
Lt.-Col Sir Leonard Rogers, Kt, C I E F R S, F R C S., I M.S.

M. S. EXAMINATION, 1919.

Board of Examiners

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Lt.-Col S P Sarbadhikari, C I E, B A, M D, I M S.
Lt.-Col R P. Wilson, F R C S D P H, I M S
Major W V Coppinger, I M S

M O. EXAMINATION, 1919.

Board of Examiners

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Dr Kedarnath Das, C I E, M D
Lt.-Col. J C H Leicester

D. P H. EXAMINATION, 1919

Board of Examiners

The Dean of the Faculty of Medicine,—*President, Ex-Officio*
Lt.-Col Sir Leonard Rogers, Kt, C I E M D, F R C.S, F R.S., I M S.
Dr C A. Bentley, M.B., D P.H
Rai Chunilal Bose, Bahadur, I S O, M B F C S.

FINAL M B EXAMINATION, APRIL, 1919

Board of Examiners

The Dean of the Faculty of Medicine,—*President, Ex-Officio.*

PART I (MAJOR SUBJECTS.)

MEDICINE

(*Pass and Honours*)

Lt.-Col B H Deare, M B, M.R C P, I M S
Rai Bahadur Dr. U N Brahmachari, M.A, Ph.D

SURGERY

(*Pass and Honours*)

Lt.-Col R P Wilson, F R C S, D P H, I M S
Dr. S P Sarbadhikari, C I E, B A M D

MIDWIFERY

(*Pass and Honours*)

Major H. B Stein, M D, I M S,
Asst. Surgeon J. M. Das, L.M.S.

PART II (MINOR SUBJECTS)

PATHOLOGY

Lt.-Col Sir Leonard Rogers, Kt, C I E, M.D., F R C.S, F R.S, I M S.
Dr. Taraknath Sur, M D

MEDICAL JURISPRUDENCE

Major N. P Sinha, M B, M R C P, I M S
Rai C. L Bose, Bahadur, I.S O, M B, F C S

HYGIENE

Dr. C. A Bentley, M B, D P H
Dr Taraknath Majumdar, L M S, D P H
Dr. Girindranath Mookerjee, B A, M D

FINAL M.B EXAMINATION, NOVEMBER, 1919

Board of Examiners

The Dean of the Faculty of Medicine,—*President, Ex-Officio.*

PART I (MAJOR SUBJECTS)

MEDICINE

Lt-Col B H Deare, M B, M R C P, I M S
Rai Bahadur Dr U N. Brahmachari, M A, M D., Ph.D.

SURGERY

Lt-Col F P Connor, D S O, F R C S, I M S
Dr K K Chatterjee, F R C S

MIDWIFERY

Major H R Stein, M D, I M S
Dr Kedarnath Das, C I E, M D

PART II (MINOR SUBJECTS)

PATHOLOGY

Lt-Col Sir Leonard Rogers, Kt, C I E, M D, F R C S, F.R S, I.M S.
Dr Taraknath Sur, M.D.

MEDICAL JURISPRUDENCE

Major N P Sinha, M B, M R.C P., I M S
Lt-Col. A. Leventon, F R C S, I M S

HYGIENE.

Dr. C. A Bentley, M B, D P H
Dr. Taraknath Majumdar, L M S., D P H.

FIRST M.B. EXAMINATION, APRIL, 1919.

Board of Examiners

The Dean of the Faculty of Medicine *President, Ex-Officio*

Anatomy	Lt.-Col A Leventon, F.R.C.S.I., D P.H , I M S Asst Surgeon Nanilal Pan, M B.
Physiology	Lt.-Col D McCay, M.D., I M S. Asst Surgeon Binaylal Majumdar, L M S
Pharmacology, including Pharmacy, Materia Medica and Therapeutics	Dr B C Ray, B A , M D , F.R C.S , M R C P Dr. B. N Ghosh, F.R.F.P S , L.M., F R S M
Organic Chemistry	Rai C L. Bose, Bahadur, I.S O , M.B , F C S R N Sen, Esq , M A , M Sc , F C.S.

FIRST M.B. EXAMINATION, NOVEMBER, 1919.

Board of Examiners.

The Dean of the Faculty of Medicine—*President, Ex-Officio*

Anatomy	Lt.-Col R P Wilson, F R C S , I M S Asst Surgeon Nanilal Pan, M B
Physiology	Captain J Shorten, I M S Asst Surgeon Binaylal Majumdar, L M S.
Pharmacology, including Pharmacy, Materia Medica and Therapeutics	Lt.-Col D McCay, M D , I M S Dr B N Ghosh, F R F P.S , L M , F R S M
Organic Chemistry	Rai C L Bose, Bahadur, I S O M B , F C S R N Sen, Esq , M A , M Sc , F C.S.

PRELIMINARY SCIENTIFIC M B EXAMINATION, APRIL, 1919

Board of Examiners

The Dean of the Faculty of Medicine—*President, Ex-Officio*

Inorganic Chemistry	Dr P C Mitter, M A , Ph D Asst Surgeon Benimadhab Chakrabarti, B A , L M S , F C S.
Physics	Tulsidas Kar, Esq , M A Nibaranchandra Ray, Esq , M A
Botany	G C Bose, Esq , M A., M R A S Sahayram Bose, Esq , M A
Zoology	S W Kemp, Esq , B.A. Dr Ekendranath Ghosh, M Sc , M D.

PRELIMINARY SCIENTIFIC M B EXAMINATION, NOVEMBER, 1919

Board of Examiners

The Dean of the Faculty of Medicine—*President Ex-Officio*

Inorganic Chemistry	Dr P C Mitter, M A, Ph.D Praphullachandra Ray, Esq, M A.
Physics	Tulsidas Kar, Esq, M A Nibaran Chandra Ray, Esq, M A
Botany	Sarayam Bose, Esq, M A Dr Girindranath Mookerjee, B A., M D
Zoology	Dr B L Chaudhuri D Sc Dr Ekendranath Ghosh, M Sc, M D.

B. E EXAMINATION, 1919

BOARD OF EXAMINERS

President and Members

B. Heaton, Esq, Dean of the Faculty of Engineering—*Ex-Officio*

Non-Professional Section

Members

MATHEMATICS—

1	Theories	Internal—Mr N Maitra M A External—Mr Meghnad Saha, M Sc
2.	Application	Internal—Mr S N Maitra, M A External—Dr Sudhansukumar Banerjee, D Sc.

SCIENCE—

1	Applied Physics Paper	Internal—Mr S N Maitra, M A
2	Applied Physics Practical	External—Mr Tulsidas Kar, M A
3	Geology and Mineralogy	Internal—Mr E H Robertson, B A, M Sc, M I C E, F G S. External—Mr H C Jones, A R S M, A R C S, F C S

TECHNICAL CHEMISTRY AND METALLURGY—

1	Paper	Internal—Mr W Saunders, B Sc
2	Practical	External—W A K Christie

PROFESSIONAL SECTION

GROUP I

1.	Roads and Railways	Internal—Mr T H Richardson, B A I, (Dub) M I C E (Ireland) External—Mr H W Joyce
2	Irrigation and Sanitary Engineering.	Internal—Mr C Addams Williams. External—Mr G B Williams
3.	Applied Mechanics	Internal—Mr T H Richardson, B A I, (Dub) M I C E (Ireland) External—Mr J R Wytee,

4	Hydraulics	Internal—Mr T H Richardson, B A I, (Dub) M I C E (Ireland) External—Mr G T. Huntingford.

GROUP II

1	Mechanical Engineering	Internal—Mr Purnachandra Ganguli. External—Mr C A King
2	Do Laboratory Work	Internal only—Mr Purnachandra Ganguli
3	Electrical Engineering	Internal—Mr B C Gupta. External—Mr N N Banerjee, C.E.
4	Do Laboratory Work	Internal only—Mr B C Gupta

GROUP III

1	Attested Designs for Engineering Work	Internal only—Mr T. H. Richardson B A I. (Dub) M I C E., (Ireland).
2	Practical Drawing	Internal only—Mr B. Heaton
3	Principles of Architectural Drawing	Internal—Mr H Marshall External—Mr. H A Crouch.

INTERMEDIATE EXAMINATION IN ENGINEERING, 1919

BOARD OF EXAMINERS

President and Moderator

B Heaton, Esq., Dean of the Faculty of Engineering *Ex-Officio*

Members

SECTION A

I. MATHEMATICS—

1	Computation, Mensuration and Statics	Internal—Mr S N Maitra, M.A External—Mr Satyendranath Bose, M Sc
2	Differential Calculus and Plane Geometry	Internal—Mr S N Maitra, M A. External—Mr Phanindralal Ganguli, M A.

II CHEMISTRY—

1	Theory	Internal—Mr W Saunders, B Sc
2.	Practical	External—Dr. P C Mitter, M A, Ph D.

III PHYSICS—

1	Theory	Internal—Mr S N Maitra, M A
2	Practical	External—Mr Phanindranath Ghosh, M A.

SECTION B

IV.

1	Statistics, Dynamics and Applied Mathematics	Internal—Mr S N Maitra, M A External—Mr A Macdonald B Sc (Glas) M A
2	Integral Calculus and Analytical Geometry	Internal—Mr S N Maitra, M A External—Mr Phanindralal Ganguli, M A

V APPLIED SCIENCE—

1	Technical Chemistry and Metallurgy	Internal—Mr W Saunders, B Sc
2	Technical Chemistry and Metallurgy Practical	External - Dr W A K Christie
3	Applied Physics	Internal - Mr B C Gupta
4	Applied Physics Practical	External—Mr Kamadacharan Chakrabarti, M A

VI ENGINEERING—

1	Materials of Construction	Internal—Mr Chunilal Sarkar, B E External—Mr A J King
2	Details of Construction	Internal—Mr T H Richardson, B A I, (Dub) M C I F (Ireland) External—Mr H W Joyce
3	Estimating	Internal—Mr J V Francis, F C S External—Mr Surendrakumar, Basu

VII SURVEYING-

1.	Theory	Internal Mr Ramranjan Ghosh, B A, B E External - Mr A J King
2	Practical	Internal - Mr T H Richardson B A I Dub; M C I F (Ireland)

VIII DRAWING-

1	Theory	Internal Mr J V Francis, F C S External—Mr W J Kerr
2	Practical	Internal only Mr B Heaton

IV

University Professorships

1

TAGORE LAW PROFESSORSHIP

The Hon'ble Prosunno Coomar Tagore, C S I, one of the Fellows of the University, who died on the 30th August, 1868 bequeathed by his will, dated the 10th October, 1866, to the University a monthly allowance of Rs 1,000 for the purpose of founding a Professorship of Law in connection with the University to be called the 'Tagore Law Professorship' The terms of the bequest are given in the following extract from the will (4 Bengal Law Reports, O.C.J 103, at 116)

"I am desirous of founding a Law Professorship to be called 'The Tagore Law Professorship' and of providing an adequate remuneration for the Professor who shall fill the chair provided by me I direct that my Trustees or Trustee do and shall, as soon as may conveniently be after my death invest, in Government Securities, such a sum of money taken from my personalty or, by degrees, from the income of my real estate at the discretion of my Trustees or Trustee, as will produce the monthly sum of Rs 1,000, and that when such sum has been invested, the same may be assigned, transferred and made over to the University of Calcutta, to be held upon the following trusts, that is to say, in trust to pay out of the interest accruing due therefrom the annual sum of Rs 10,000* by equal monthly payments to the Tagore Law Professor, for the time being, and in trusts to apply the residue of the interest in the manner hereinafter mentioned And I desire that until such sum shall have been so invested andmade over as here inbefore directed my said Trustees or Trustee shall either from the proceeds of my personal estate or from the rents, issues, and profits arising from my real property, pay the sum of Rs 1 000 a month to the University of Calcutta to be applied by the University in the same manner and for the same purposes as the interest to accrue due from the funds which I have hereinbefore directed to be made over to the University And I declare that the right of appointing a Professor to the said "Tagore Law Professorship," and removing or dismissing the incumbent thereform shall be vested in the Senate of the University And that the first appointment shall be made so as to begin to take effect not later than the end of one year from the date of death my will is that the 'Tagore Law Professor' shall read or deliver at some place within the town of Calcutta, one complete course of Law lectures without charge, to the students and other persons who may attend such lectures Within six months after the delivery of each course of lectures, the lectures shall be printed and not less than 500 copies

*The present salary is Rs. 9000 per annum

thereof shall be distributed* gratuitously I desire that the expense of such printing and distribution may be defrayed out of the residue of the annual interest of the said fund Whatever portion of the residue may remain after defraying the expenses, I desire that it may be devoted to the printing and publication of approved works on Law or Jurisprudence It is my will that the said 'Tagore Law Professorship shall save as herein provided, be as to the kind of Law which is to be taught and in all other matters and things regulated by and subject to the control of the Senate of the said University'

The Senate has adopted the following scheme for the lectures

1 In the month of June in each year, the Faculty of Law shall select not more than three subjects upon one of which the Professor for the following year shall be required to deliver a course of at least twelve lectures

2 Immediately after the subject or subjects shall have been thus selected, advertisements shall be published in such newspapers as the Syndicate may think proper, stating the subject or subjects so selected and inviting applications from candidates for the Professorship

3 Candidates shall send in their applications to the Registrar on or before the 1st May following and each candidate shall forward with his application one hundred copies of a brief synopsis of his proposed lectures and, if he so pleases, the same number of copies of his introductory lecture

4 The copies of the introductory lectures and the brief synopses so sent shall be referred to a Committee of the Faculty of Law, consisting of five members to be chosen by the Faculty, who shall consider the same and report thereon to the Faculty, who shall recommend a candidate to the Senate for election

5 The election of the Professor shall take place in the month of August

5A That if no application is received in accordance with Rule 3, or if the Faculty of Law are satisfied, upon the report of the Committee mentioned in Rule 4, that Introductory Lectures and the brief synopses submitted by the candidates do not evince sufficient merit to justify the appointment of any of them as Professor, the Faculty shall take steps to invite a suitable scholar to accept the appointment and to deliver a course of lectures on such subject as may be determined by the Faculty in consultation with him The name of the person so nominated together with the names of the original applicants shall be submitted to the Senate with a full report by the Faculty on the matter The Senate shall then elect a Professor or give such further directions as may be deemed necessary

6 The Professor, whether elected under Rules 5 or 5A, shall, not later than the expiry of twelve months from the date of his election, forward to the Registrar a complete copy (manuscript or type written) of the lectures which he proposes to deliver The copy shall be forthwith referred to a Committee of the Faculty of Law, consisting of not more than three members to be chosen by the Faculty, who shall examine the same, and, before the expiry of two months from the date of the submission of the copy by the Professor to the Registrar, report to the Faculty whether the work is complete and ready for the Press If, upon such report, the Faculty are satisfied that the work is complete the Professor shall commence to

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*The Syndicate has laid down the following rules for the distribution of the books

That copies of the lectures be distributed gratis only to such students as shall have attended 75 per cent, of the lectures delivered by the Tagore Professor of Law, and shall have obtained not less than 40 per cent. of the marks in the examination held by him

deliver his lectures within three months from the date of the resolution of the Faculty and shall complete the delivery thereof in another three months The copy of the lectures delivered shall remain in the custody of the Registrar and shall be sent to Press as soon as practicable after delivery thereof

7 If the Professor fails to submit the copy of the lectures as required by Rule 6 or, if the copy submitted be found on examination to be incomplete and not ready for the Press, the matter shall be referred to the Faculty of Law upon whose recommendation the Senate may either extend the time or cancel the appointment In the event of the appointment being cancelled, the Senate shall take fresh steps for the appointment of a Professor

8. The salary of the Professor shall be paid in twelve equal monthly instalments, the first instalment to be paid on the first day of the month following that in which the first lecture is delivered

	Professors.	Subjects
1870	Herbert Cowell, Esq	The Hindu Law, being a Treatise on the Law administered exclusively to Hindus
1871	Herbert Cowell, Esq	Do Do
1872	Herbert Cowell, Esq	The History and constitution of the Courts and Legislative Authorities in India
1873	Mr Shama Charan Sarkar .	The Mahamedan Law, being a Digest of the Sunni Code
1874	Mr Shama Charan Sarkar .	The Mahomedan Law, being a Digest of the Sunni Code in part and of the Imamiya Code
1875	Arthur Phillips, Esq	The Law relating to the Land Tenures of Lower Bengal
1876	Dr Rashbehary Ghosh	The Law of Mortgage in India
1877	Ernest John Trevelyan, Esq	The Law relating to Minors in Bengal
1878	Dr Gooroo Dass Banerjee	The Hindu Law of Marriage and Stridhan
1879	Dr Trailokyanath Mitra	The Law relating to the Hindu Widow
1880	Mr Rajkumar Sarbadhikari	The Principles of the Hindu Law of Inheritance
1881	William Fischer Agnew, Esq	The Law of Trusts in British India.
1882	Mr Upendranath Mitra	The Law of Limitation and Prescription in British India
1883	Dr Julius Jolly	Outlines of a History of the Hindu Law of Partition, Inheritance and Adoption
1884	Ameer Ali, Esq.	The Law relating to Gifts, Trusts and Testamentary Dispositions among the Mahomedans
1885	Mr Krishna Kamal Bhattacharyya.	The Law relating to the Joint Hindu Family

	Professors	Subjects
1886	K M Chatterjee Esq	The Law relating to the Transfer of Immovable Property *inter vivos*
1887	Gilbert Henderson, Esq	The Law relating to Wills in India.
1888	Mr Golapchandra Sarkar	The Law of Adoption in India
1889	Mr Lalmohan Doss	The Law of Riparian Rights, Alluvian and Fishery
1890	F A Pearson Esq	The Law of Agency in British India
1891	Pandit Prannath Saraswati	The Hindu Law of Endowments
1892	Maulavi Mahammad Yoosoof, Khan Bhadur	The Mahomedan Law relating to Marriage Dower, Divorce, Legitimacy and Guardianship of Minors according to the Sunnis
1893	Arthur Caspersz Esq	The Law of Estoppel in British India
1894	Sir Frederic Pollock Bart	The Law of Fraud, Misrepresentation and Mistake in British India
1895	Mr Saradacharan Mitra	The Land Law of Bengal
1896	Ramcharan Mitra	The Law of Joint Property and Partition in British India
1897	J G Woodroffe Esq	The Law relating to Injunctions and Receivers in British India
1898	Dr Asutosh Mukhopadhyay	The Law of Perpetuities in British India
1899	F. Peacock Esq	The Law of Easements in British India
1900	Mr Jogeschandra Ray	The Law relating to Torts in British India
1901	K Shelley Bonnerjee Esq	The Law of Interpretation of Deeds, Wills and Statutes in British India
1902	Maulavi Syed Shamsul Huda	The Law of Crimes in British India
1903	S R Das Esq	The Law of Ultra Vires
1904	Mr Jogendrachandra Ghose	The Hindu Law of Impartible Property, including the Law of Endowments
1905	Mr Kisorilal Sarkar	The rules of Interpretation in Hindu Law, with special reference to the Mimansa Aphorisms as applied to Hindu Law
1906	Dr Satischandra Banerjee	The Law of Specific Relief in British India
1907	Abdur Rahim Esq	The Principles of Mahomedan Jurisprudence according to the Hanafite, Malikite, Shafiite and Hanbalite Schools
1908	Sripati Ray Esq	,, Customs and Customary Law

	Professors	Subjects
1909	Dr Priyanath Sen	The General Principles of Hindu Jurisprudence
1910	C O Remtry, Esq	Mercantile Law and Usage, including the Law of Sale of goods with special reference to British India
1911	The Hon'ble Dr A M Suhrawardy	The History of Moslem Legal Institutions with special reference to the Law of Waqf
1912	B K Acharyya Esq	Codification in British India
1913	Mr Samatulchandra Datta	Law of Compulsory Sales in India
1914	Dr S C Bagchi	Principles of the Law of Corporations with special reference to India
1916	P K Sen, Esq	The Law of Monopolies in British India
1917	K P Jayaswal, Esq	Manu and Yajnavalkya-a comparison and a contrast
1918	Mr Nagendranath Ghosh	Comparative Administrative Law with special reference to the organisation and legal position of the administrative authorities in British India
1920	K Subramanyan Esq	The Principles of Criminology, with special reference to their application in India
1921	Mr Karunamay Basu	Modern theories of Jurisprudence

2

MINTO PROFESSORSHIP OF ECONOMICS

To Commemorate the Jubilee of the University of Calcutta which was celebrated in 1908, the Hon'ble the Vice Chancellor (Mr Justice Asutosh Mookerjee) proposed to the Government of India that a Professorship of Economics should be established This proposal was accepted by Government, and the Senate resolved on the 11th April 1908, that the chair should be named after the Earl of Minto the then Chancellor of the University

The following rules have been adopted for the appointment and duties of the Professor —

The appointment shall be made by the Senate

1 The salary of the Professor will be Rs 12,000 a year, to be paid in equal monthly instalments The professor will in the first instance be appointed for a term of five years only, but upon the expiry of his term, he will be eligible for re-appointment

2 The University will pay first class passage to the selected candidate from his place of residence to Calcutta

3 The duties of the Professor will be as follows

(*a*) To devote himself to the investigation of the Science of Economics and its application to Indian Problems

(*b*) To deliver (not less than once a week during six weeks every year) a course of at least six lectures upon Economics with special reference to Indian Problems and embodying, as far as possible, the result of his own researches in the subject (Such lectures, after delivery, will be published by the University)

(*c*) To hold classes in Economics not less then twice a week during at least twenty-five weeks every year, for the benefit of post-graduate students and to promote research by them as far as practicable

(*d*) To prepare a work dealing with the application of the principles of Political Economy to such Indian topics as may be agreed upon between the Senate and the Professor at the time of his appointment

4 Applications from candidates for the Professorship must reach the Registrar of the University, not later than (to be specified)

5 Every application shall be accompanied by —

(*a*) a statement of the original work or investigation in Economics which may have been done by the candidate,

(*b*) testimonials to indicate special fitness for appointment to the Professorship of Economics

(*c*) a statement of the topics on which he undertakes to prepare a work dealing with the application of economic principles to Indian conditions

6 The Professor will be required to vacate his appointment unless a substantial portion of the manuscript of the work alluded to in para 3 (*d*) above, is made over to the University within three years from the date on which he first takes charge of his duties

7 The copyright in the lectures as well as the treatise (para 3, clauses (*b*) and (*d*)) will be in the Professor but he will make over to the University 200 copies of his lectures annually for distribution

8 Canvassing by intending candidates for the Professorship is strictly prohibited, and if any candidate is proved to have canvassed for the appointment, directly or indirectly he will on that ground alone, be disqualified

PROFESSORS

1909-12 Manohar Lal, Esq., M A
1914-19 C J Hamilton, Esq., M A
1920-25 Dr Pramathanath Banerjee, M.A D Sc (Lond)

3

GEORGE V PROFESSORSHIP OF MENTAL AND MORAL SCIENCE

In commemoration of the visit of their Imperial Majesties King-Emperor George V and Queen-Empress Mary to India during 1911 and 1912 His Excellency the Governor-General in Council, on the recommendation of the Syndicate and the Senate of the Calcutta University, was pleased to sanction the foundation of a Professorship to be called the George V Professorship of Mental and Moral Science At the Annual Convocation of the Senate in 1912 His Excellency the Chancellor made the important announcement that a recurring grant of Rs 65,000 per annum would be made by the Government of India to the Calcutta University for the purposes of higher teaching The

Syndicate, thereupon, decided that the University should have a Professor of Mental and Moral Science of its own No provision existed at that time for the teaching of this branch of knowledge up to the M A standard in any of the Colleges in Calcutta, except the Scottish Churches College where the arrangements for that purpose were likely to be unfavourably affected by the impending retirement of Professor Stephen Although elaborate Regulations for a course in Experimental Psychology had been framed in 1906, no arrangements were made or could yet be made in any College for the teaching of this increasingly important branch of knowledge Mental and Moral Science has always had great attraction for Indian students and important papers dealing with topics under this head have been written by some of the graduates of this University It was therefore expected that the establishment of a special chair in the subject would stimulate higher study and research on lines likely to prove fruitful It was resolved that the salary of the Professor be fixed at Rs 12,000 per annum

PROFESSOR,

1913-20 Dr Brajendranath Seal, M A , Ph D

4

HARDINGE PROFESSORSHIP OF HIGHER MATHEMATICS

To commemorate the visit of their Imperial Majesties King-Emperor George V and Queen Empress Mary to India during 1911 and 1912 and their gracious reception of a loyal address from the Calcutta University, His Excellency the Governor-General in Council, on the recommendation of the Syndicate and the Senate, was pleased to sanction the foundation of a chair to be styled Hardinge Professorship of Higher Mathematics At the Annual Convocation of the Senate in 1912, the important announcement was made by His Excellency the Chancellor that higher teaching would receive fresh impetus from the Government of India who had decided to make a recurring grant of Rs 65,000 a year to the Calcutta University The Syndicate came to the conclusion that the purposes of stimulating higher study and research would be best served by utilising a portion of the Imperial grant for making adequate arrangement for the delivery of post graduate lectures in Higher Mathematics Inadequate accommodation in the M A and M Sc Mathematics classes in the affiliated Colleges and the yearly increasing number of candidates for examination in the subjects, since the introduction of the new University Regulations in 1906, convinced the Syndicate of the desirability of founding a Chair in Higher Mathematics It was resolved that the Professorship be associated with the name of His Excellency the then Chancellor of the University and called the Harding Chair of Higher Mathematics It was also resolved that the Chair should carry a salary of Rs 12,000 per annum The Senate also agreed to grant to the first Professor Rs 3,000 a year as house allowance

PROFESSORS

1913-1916 Dr W H Young, M A , D Sc , F R S
1917-20 Dr C E Cullis, M A , Ph D

5
CARMICHAEL PROFESSORSHIP OF ANCIENT INDIAN HISTORY AND CULTURE

Ancient Indian History and Culture constitutes a branch of study in which research can be carried by the advanced students with every hope of success Quite apart from guidance in research, it is evident that all M.A candidates in History should have teaching in Indian History imparted by a Professor trained in critical methods and acquainted with the results of recent researches M A students in Sanskrit also would undoubtedly be benefited to a great extent by a teaching of this kind Moreover, there is an ever-increasing number of M A students in History, and in the M A Course in History, Indian History has, by the New Regulations, been given a special place In 1912, the number of candidates in History constituted nearly one-fourth of the total number of M.A candidates In view of these facts the Syndicate were of opinion that the foundation of a Chair of Ancient Indian History and Culture was probably the foremost need of the Calcutta University It was decided that the money for the Chair would be met from the sale proceeds of the Sanskrit Matriculation and Intermediate Courses and the Sanskrit Grammar published by the University It was resolved that the Chair be designated the Carmichael Professorship of Ancient Indian History and Culture and that the salary be fixed at Rs 12 000 per annum

1913-14 Dr G Thibaut, C I E , Ph D , D Sc
1917-20 Mr D R Bhandarkar, M A

6
PALIT PROFESSORSHIP OF CHEMISTRY

Among the public-spirited and generous benefactors of the University, the first and foremost rank must be assigned to the late Sir Taraknath Palit, whose princely gift worth about Rs 1,500,000 in 1912 is unsurpassed in the annals of this or any other Indian University Out of the income derivable from the Palit endowment, two chairs are maintained, one of which is designated Palit Professorship of Chemistry and the other, the Palit Professorship of Physics Out of the total value of the endowment, Rs 100 000 will be set apart for the founding of a Scholarship to be awarded to a distinguished graduate of high attainments and character with a view to enable him to proceed to some foreign University for the purpose of advanced study and research in some special branch of Science It is expressly stated in the Trust Deed that the object of the founder is the promotion and diffusion of scientific and technical education and the cultivation and advancement of Science, pure and applied, among his countrymen by and through indigenous agency The Senate has agreed, therefore, that the chairs will always be filled by Indian (that is persons born of Indian parents, as distinguished from persons who are called Statutory Natives of India) The Professors-elect may, in the discretion of the Governing Body of the University College of Science, be required to receive special training abroad, before they enter upon the duties of their office It shall be be duty of the Professors (*a*) to carry on original research with a view to extending the bounds of knowledge (*b*) to stimulate and guide research by advanced students, and as an essential preparation for this purpose, (*c*) to arrange for the adequate instruction of students for the degree of Bachelor of Science with Honours, Master of Science and Doctor of Science and also of other students who may be exceptionally qualified in any of the subjects of study, although they may not be even under-graduates of any University, provided that they be recommended by the Governing Body constituted as follows

1. The Vice-Chancellor of the University of Calcutta, *President, Ex-Officio*

2 The Director of Public Instruction, Bengal

3 The Dean of the Faculty of Science

4 The Dean of the Faculty of Engineering.

5. Four members of the University, to be annually elected by the Senate two of whom at least shall be representatives of Colleges in Calcutta under Indian management, affiliated in Science to this University

6 Four members to be nominated every three years by the founder and after his death by his representative or representatives in that behalf as is hereafter provided

The Founder nominated

Mr Lokendranath Palit, I C S (since deceased)

The Right Hon'ble Lord Sinha of Raipur

The Hon'ble Mr Justice B K Mullick, I C S

The Hon'ble Sir Nilratan Sircar, Kt M.A, M D.

to be his nominees on the said Governing Body and they are and each of them is authorized to nominate his or their successor or successors, provided always that the Hon'ble Sir Asutosh Mookerjee shall always be a nominee of the Founder if he has not otherwise a seat on the Governing body

The power of nominating a successor or successors shall be inherent in every original or derivative nominee of the Founder

7 Two representatives of the Professorial staff to be elected by them annually from amongst themselves

The proceedings of the said Governing Body shall be laid before the Syndicate and may be revised by it

The following four members have been elected by the Senate to the Governing Body of the Sir J N Palit Trusts for the year 1920-21 —

Dr P J Bruhl, D Sc, I S O, F C S, F G S

J R Banerjea, Esq, M A, B L

The Rev Dr J Watt, M A, D D

Mr Janakinath Bhattacharyya, M A, B L

On the recommendation of the Syndicate the following proposals made by the Governing Body of Sir Taraknath Palit Endowment, regarding the duties and tenure of appointment of Palit Professors, were adopted by the Senate on the 30th January, 1914 —

I That the duties of each of the Professors be specified as follows —

(1) To devote himself to original research, in the subject in which he has been appointed, with a view to extend the bounds of knowledge.

(2) To stimulate and guide research by advanced students in his special subject in the University College of Science and generally to assist such students in Post-graduate study and research

(3) To superintend the formation and maintenance of the Laboratory of the College of Science in his own subject

II That the Professors be appointed subject to the following conditions—

(1) (*a*) The salary of the Sir Taraknath Palit Professor of Chemistry be Rs 800 a month rising to Rs 1,000 a month by annual increment of Rs. 50

(*b*) The salary of the Sir Taraknath Palit Professor of Physics be Rs 800 a month rising to Rs 1,000 a month by annual increment of Rs 50

(2) Each Professor shall be a whole-time officer of the University College of Science and shall not, without the special sanction of the Governing Body and of the Senate previously obtained, hold any other office to which any salary, emolument or honorarium is attached

(3) The appointment of each Professor shall be permanent, and no Professor shall be liable to loss of or removal from office or to reduction of the emolument attached thereto on any ground whatsoever, subject, however to the following provisos

(a) A professor shall vacate his office upon completion of the sixtieth year of his age, unless upon the recommendation of the Governing Body, the Senate is satisfied that his services should in the interests of research, be still retained by the University, and in such event, the Senate may, on the recommendation of the Governing Body, sanction his retention for such period as may be determined

(b) A Professor may voluntarily resign his appointment at any time, upon not less than six months notice given by him in writing to the Governing Body

(c) A Professor, on retirement on the ground of *either* attainment of age or of proved ill health, will be entitled to receive a gratuity of one month's pay for each completed year's tenure of appointment, but such gratuity shall in no case exceed a maximum limit of eighteen months salary

(d) A Professor shall be liable to removal by the Senate on the ground of misconduct or neglect of duty, if a recommendation to that effect is made by the Governing Body after full enquiry into specific charges brought against him, provided that at such enquiry the Professor concerned shall be allowed adequate opportunity to defend himself

(e) Every Professor shall be eligible for the privilege of the regular academic vacations In the event of a Professor requiring leave on account of duly certified ill health or on urgent private affairs, in addition to the period of the regular academic vacations, the senate may, on the recommendation of the Governing body grant leave on conditions analogous to those prescribed in the Civil Service Regulations for officers in the Indian Educational Service

PROFESSOR

Dr Sir P C Ray Kt C I E, D Sc Ph D, F C S, F A S B (Appointed in 1916)

7

PALIT PROFESSORSHIP OF PHYSICS

Out of the munificent donation of Sir Taraknath Palit a Professorship of Physics in the University College of Science is to be maintained The conditions for the appointment and the duties of the Professor of Physics are similar to those for the Palit Professor of Chemistry

PROFESSOR

C V Raman, Esq, M A (Appointed in 1917)

Copies of Trust Deeds executed by Sir Taraknath Palit, Kt., D.L, in favour of the Calcutta University.

This indenture made this the 15th day of June in the year of Christ one thousand nine hundred and twelve between Taraknath Palit of No 35, Baliguni Circular Road, within the Municipal limits of the town of Calcutta (son of

Kalikinkar Palit deceased) by caste Kayastha, Barrister-at-Law (hereinafter called the Founder) of the One Part and the University of Calcutta incorporated by and under Act II 1857 (hereinafter called the said University) of the Other Part Whereas the founder is seized and possessed of or otherwise well and sufficiently entitled as and for an absolute and indefeasible estate of inheritance in fee simple in possession or an estate equivalent thereto free from encumbrances to the messuage land hereditaments and premises No 92 Upper Circular Road fully described in the first Schedule hereto and whereas by an Indenture bearing date the sixth day of September one thousand nine hundred and two and registered at the Calcutta Registry Office in Book I Vol 62 pages 57 to 74 being No 1864 for 1906 All that undivided one equal third part or share of and in all those Zemindari estate Taluqs lands hereditaments and premises fully described in the second Schedule hereto were granted transferred and conveyed by Satyendranath Tegore therein described to the Founder his heirs executors administrators and assigns to secure the repayment on the first day of September one thousand nine hundred and twenty six by the said Satyendranath Tagore his heirs executors administrators or assigns to the Founder his heirs executors administrators or assigns of the sum of One Lac of Rupees with interest thereon at the rate of six per cent per annum reducible to four and four-fifth per cent per annum if paid punctually every month on the date thereby appointed for the payment of such interest or within two weeks thereafter and whereas the Founder is also entitled to the monies and shares specified in the third Schedule hereto and whereas the Founder has for some time passed contemplated doing something of a permanent character for the promotion and diffusion of Scientific and technical Education in Bengal and the cultivation and advancement of Science Pure and Applied amongst his countrymen and in the behalf that this object could be best attained by the establishment of University Professorship of Science as a first step towards the foundation of a University College of Science and Technology he approached the said University of Calcutta and offered to endow and make over to them the properties specified in the said first second and third Schedules hereto on the conditions and upon the Trusts following namely

(A)—That the said University should found two Professorships or chairs one of Chemistry and the other of Physics and apply the entire income of the said properties set out in the said second and third Schedules hereto or so much thereof as they may deem necessary to and towards the maintenance of the said two Chairs and that in the event of the said entire income being found insufficient for the purpose the said University should make such a recurring grant or contribution as will supplement such deficiency

B)—That the founder's object being the promotion and diffusion of Scientific and Technical Education and the cultivation and advancement of Science, Pure and Applied, amongst his countrymen by and through indigenous agency such Chairs shall always be filled by Indians (that is persons born of Indian parents as contra-distinguished from persons who are called Statutory Natives of India) to be nominated by the Governing Body hereinafter mentioned who may in their discretion require a Professor-elect to receive a special training abroad before he enters upon the discharge of the duties of his office and who may give such Professor-elect during such period of his training abroad such allowance including travelling expenses as may in such case, be determined by the said Governing Body—such allowance being considered as part of the maintenance expense of the Chair of Chairs

(C)—That in connection with the said two Chairs, the said University shall from its own funds provide suitable Lecture-Rooms, Libraries Museums, Laboratories, Workshops and other facilities for teaching and research and that it shall out of its own funds ear-mark and set apart a sum of two lacs and fifty thousand rupees and apply the same to and towards the construction on the site of the said premises No 92 Upper Circular Road (described in the said first

Schedule hereto) of permanent and substantial structures and thier proper and adequate equipment as such Lecture-rooms, Libraries, Museums, Laboratories Workshops, etc as aforesaid

(D)—That the said Governing Body shall consist of the following persons, viz —

1 —The Vice-Chancellor of the said University, as Ex-officio President.

2 —The Director of Public Instruction, Bengal

3.—The Dean of the Faculty of Science of the said University

4 — The Dean of the Faculty of Engineering of the said University

5 —Four members of the said University to be annually elected by the Senate, two of whom at least shall be representatives of Calcutta Colleges under Indian management affiliated in Science to the said University

6 —Four members to be nominated every three years by the Founder and after his death by his representative or representatives in that behalf as is hereafter provided

The Founder hereby nominates Mr Lokendranath Palit, I C S , Mr S P Sinha, Barister at-Law the Hon'ble Mr B K Mullick I C S and Dr Nilratan Sirkar to be his nominees on the said Governing Body and they are and each of them is hereby authorised to nominate his or their successor or successors provided always that the Hon'ble Justice Sir Asutosh Mookerjee shall always be a nominee of the Founder if he has not otherwise a seat on the Board of the said Governing Body

The power of nominating a successor or successors shall be inherent in every original or derivative nominee of the Founder

7.—Two representatives of the Professorial Staff to be elected by them annually from amongst themselves

The proceedings of the said Governing Body shall be laid before the Syndicate and may be revised by it

(E)—That the said University shall from its own funds make such recurring and periodical grants or contributions as may be required for the following purposes namely —

a —For the maintenance and up-keep of the said two Professorships or Chairs in the event of the income of the said properties mentioned in the said second and third Schedules hereto proving insufficient as hereinbefore stated

b — For the maintenance of the said Libraries Laboratories, Museums, and Workshops in such a condition of efficiency as may be required and approved by the said Governing Body, subject to the control of the Senate

c —For the maintenance and repairs of the buildings and structures to be erected as aforesaid at No 92 Upper Circular Road

d —For the payment of all rates, taxes and other impositions payable in respect of the said premises No 92, Upper Circular Road

(F)—That it shall be the duty of the Professors (1) to carry on original research with a view to extend the bounds of knowledge, (2) to stimulate and guide research by advanced students and, as an essential preparation for this purpose, (3) to arrange for the adequate instruction of students for the Degrees of Bechelor of Science with Honours, Master of Science and Doctor of Science and also of other students who may be exceptionally qualified in any of the subjects of study though they may not be even under-graduates of any University, provided that they be recommended by the said Governing Body.

(G)—That if the income of the said endowed properties shall exceed the amount required to meet the expenses for the maintenance and up-keep of the

said Professorships or Chairs such surplus income may at the discretion of the said Governing Body be applied to the payment of Scholarships or Stipends to such advanced students for the Degrees of Master of Science or Doctor of Science as may receive training or carry on research under the said Professors —the number and value of such scholarships to be determined by the said Governing Body and to be awarded only if it is satisfied that the awards are necessary to enable deserving students to carry on research or investigation

(H)—That the said income of the said endowed properties shall be accumulated by the said University until the said Professorships or Chairs are founded and such accumulation shall be treated as part of the corpus of the said endowed properties specified in the second and third Schedules hereto and be held upon the Trusts and for the purposes hereinbefore declared and expressed of and concerning such properties.

(I)—That the buildings now standing upon the said premises No 92 Upper Circular Road shall, as soon as may be, be dismantled under the direction of the said University who shall sell the old materials and hold the sale-proceeds as part of the corpus of the endowed properties mentioned in the second and third Schedules hereto and upon the trusts and for the purposes hereinbefore declared and expressed of and concerning such properties

And whereas the said University has agreed to accept the Founder's offer of the said properties specified in the said first, second and third Schedules hereto and as by way of endowment on the conditions and upon such trusts as are hereinbefore set forth and whereas in pursuance of the said agreement the Founder has delivered and made over to the said University the shares mentioned in the said third Schedule hereto and has also made over to the said University the sum of Rupees Three Lacs mentioned therein upon the Trusts and to and for the ends, intents and purposes hereinbefore as well as hereinafter declared expressed and contained of and concerning the same and whereas the said messuage land and premises No 92 Upper Circular Road are of the estimated value of Rupees Two Lacs and fifty Thousand and whereas the several shares mentioned in the said third Schedule to these presents are of the estimated value of Rupees Sixty Thousand only—and whereas for the purpose of completing the transfer to the said shares for the purpose of these presents and the transfer of the said shares intended to be hereby made it is necessary that separate deeds of transfer of the said shares should be executed and it is intended that these presents shall be deemed the principal instrument and the same is accordingly stamped with the full *ad valorem* stamp duty chargeable in respect of the said shares and that the said deeds of transfer respectively shall be stamped with a stamp of one rupee Now this indenture witnesseth that in pursuance of the said agreement and in consideration of the premises the Founder doth hereby grant and transfer and convey unto the said University and its assigns All that messuage land hereditament and premises particularly described in the said first Schedule hereto or howsoever otherwise the said messuage land hereditament and premises or any part thereof may be described bounded called known or distinguished together with all houses out-houses out-offices out buildings coach-houses stables sheds godowns and all other buildings and structures erected thereon and all yards compounds, gardens, orchards thereto belonging or therewith held used occupied or enjoyed and all ways paths passages tanks waters water-courses sewers drains light privileges easements appendages and appurtenances whatsoever to the said hereditaments and premises or any part thereof belonging or in anywise appertaining or reputed or known to be part or parcel thereof or with the same or any part thereof now or heretobefore held used occupied or enjoyed and all the estate right title interest use trust possession property claim and demand at law and in equity of him the Founder into out of and upon the said hereditaments and premises and every part thereof together with all deeds documents and muniments of title and other writings whatsoever in the custody

or power of the Founder which relate exclusively to or concern the said hereditaments and premises or any part thereof to have and to hold the said messuage land hereditaments and all and singular the premises hereinbefore expressed to be hereby transferred unto the said University and its assigns upon the Trusts and to and for the ends intents and purposes hereinbefore as also hereinafter declared expressed and contained of and concerning the same and this indenture also witnesseth that in further pursuance of the said agreement and in consideration of the premises the Founder doth hereby assign unto the said University the said principal sum of Rupees One Lac secured by the said hereinbefore in part recited Indenture of the six day of September one thousand nine hundred and two and all interest henceforth to become due thereon and the full benefit of all securities for the same to hold the same unto the said University absolutely and this indenture further witnesseth that in further pursuance of the said agreement and arrangement and for the consideration aforesaid the Founder as such mortgagee as aforesaid doth hereby grant transfer and convey all that undivided one equal third part or share of and in all those Zemindaries Estates Taluqs lands hereditaments and premises fully described in the second Schedule hereto together with all rights members and appartenances to have and to hold the same unto the said University and its assigns subject to such right or equity of redemption as is now subsisting in the said premises under or by virtue of the said hereinbefore in part recited Indenture of Mortgage and subject thereto upon the Trusts and to and for the ends, intends and purposes hereinbefore as also hereinafter declared and expressed and this Indenture further witnesseth that in further pursuance of the said recited agreement and in consideration of the premises it is hereby agreed and declared between and by the said parties to these presents that the said University shall hold the said endowed properties specified in the said first second and third Schedules hereto on the conditions and upon the Trusts following namely —

(I)—That the said University shall found two Professorships or Chairs, one of Chemistry and the other of Physics and apply the entire income of the said properties set out in the second and third Schedules hereto or so much thereof as they may deem necessary to and towards the maintenance of the said two Chairs and that in the event of the said entire income being found insufficient for the purpose the said University shall make such a recurring grant or contribution as will suppliment such deficiency

(II)—That the Founder's object being the promotion and diffusion of Scientific and Technical Education and the cultivation and advancement of Science Pure and Applied amongst his countrymen by and through indigenous agency such Chairs shall always be filled by Indians (that is persons born of Indian parents as contra-distinguished from persons who are called Statutory Natives of India) to be elected by the Governing Body hereinbefore as also hereinafter mentioned who may in their discretion require a Professor-elect to receive special training aboard before he enters upon the discharge of the duties of his Office and who may give such Professor-elect during such period of his training aboard such allowance including travelling expenses as may in each case be determinded by the said Governing Body—such allowance being considered as part of the maintenance expenses of the Chair or Chairs

(III)—That in connection with the said two Chairs the said University shall from its own funds provide suitable Lecture-Rooms, Libraries, Museums, Laboratories, Workshops and other facilities for teaching and research and that it shall out of its own funds earmark and set apart a sum of two lacs and fifty thousand rupees and apply the same to and towards the construction on the site of the said premises No 92 Upper Circular Road (described in the said first Schedule hereto) of permanent and substantial structures and their proper and adequate equipment as such Lecture-Rooms, Libraries, Museums, Laboratories, Workshops etc, as aforesaid

(IV)—That the said Governing Body shall consist of the following persons *viz* —

1 —The Vice-Chancellor of the said University as Ex-officio President
2 —The Director of Public Instruction, Bengal
3 —The Dean of the Faculty of Science of the said University
4 —The Dean of the Faculty of Engineering of the said University

5 —Four members of the said University to be annually elected by the Senate, two of whom at least shall be representatives of Calcutta Colleges under Indian Managements affiliated in science to the said University

6 —Four members to be nominated every three years by the Founder and after his death by his representative or representatives in that behalf as is hereafter provided

The Founder hereby nominates Mr Lokendranath Palit I C S, Mr S P Sinha, Barrister-at-Law, The Hon'ble Mr B K Mallick, I C S, and Dr Nilratan Sircar to be his nominees on the said Governing Body and they are and each of them is hereby authorised to nominate his or their successor or successors Provided Always that the said Hon'ble Justice Sir Asutosh Mookerjee shall always be a nominee of the Founder if he has not otherwise a seat on the Board of the said Governing Body

The power of nominating a successor or successors shall be inherent in every original or derivative nominee of the Founder

7 —Two representatives of the Professorial Staff to be elected by them annually from amongst themselves

The proceedings of the said Governing Body shall be laid before the Syndicate and may be revised by it

(V)—That the said University shall from its own funds make such recurring and periodical grants or contributions as may be required for the following purposes namely -

(a) For the maintenance and up keep of the said two Professorships or Chairs in the event of the income of the said properties mentioned in the said second and third Schedules hereto proving insufficient as hereinbefore stated

(b) For the maintenance of the said Libraries Laboratories Museums and Workshops in such a condition of efficiency as may be required and approved of by the said Governing Body subject to the control of the Senate

(c) For the maintenance and repairs of the buildings and structures to be erected as aforesaid at No 92 Upper Circular Road

(d) For the payment of all rates taxes and other impositions payable in respect of the said premises No 92, Upper Circular Road

(VI)—That it shall be the duty of the Professors (1) to carry on original research with a view to extend the bounds of knowledge, (2) to stimulate and guide research by advanced students and, as an essential preparation for this purpose (3) to arrange for the adequate instruction of students for the Degrees of Bachelor of Science with Honours, Master of Science and Doctor of Science and also of other students who may be exceptionally qulified in any of the subjects of study though they may not be even under graduates of any University provided they be recommendgd by the said Governing Body

(VII) -That if the income of the said endowed properties shall exceed the amount required to meet the expenses for the maintenance and up-keep of the said Professorships or Chairs such surplus income may at the discretion of the said Governing Body be applied to the payment of Scholarships or Stipends to such advanced students for the degrees of Master of Science or Doctor of Science as may receive training or carry on research under the said Professors—the number and value of such scholarships to be determined by the said Govern-

ing Body and to be awarded only if it is satisfied that the awards are necessary to enable deserving students to carry on research or investigation

(VIII)—That the said income of the said endowed properties shall be accumulated by the said University until the said Professorships or Chairs are founded and such accumulation shall be treated as part of the corpus of the said endowed properties specified in the second and third Schedules hereto and be held upon the Trusts and for the purposes hereinbefore declared and expressed of and concerning such properties

(IX)—That the buildings now standing upon the said premises No 92 Upper Circular Road shall as soon as may be dismantled under the direction of the said University who shall sell the old materials and hold the sale proceeds as part of the corpus of the endowed properties mentioned in the second and third Schedules hereto and upon the trusts and for the purposes hereinbefore declared and expressed of and concerning such properties

That the Founder hereby directs that if the said University should deem it beneficial to the trust hereinbefore declared to convert the shares mentioned in the third Schedule hereto into money they shall be at liberty to do so and to invest the proceeds in any form of investment authorised by law or in the purchase or mortgage of landed property within the Municipal limits of Calcutta and the said University shall also be at liberty to similarly invest the said sum of Rupees Three Lacs mentioned in the third Schedule hereto and also all other moneys may be similarly invested as aforesaid

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The First Schedule above referred to.

All that brick-built garden house together with the piece or parcel of land thereunto belonging which was formerly described as follows All that brick-built garden house together with the piece or parcel of land thereunto belonging containing by estimation ten and a half Bighas be the same a little more or less all surrounded by brick walls situate laying and being No 92 Nothern Circular Road formerly known as No 59 and afterwards as No 81 Upper Circular Road in the town of Calcutta and bounded on the east by Upper Circular Road on the north by Parsee Bagan Lane and beyond that by properties belonging to Greeshchandra Dass and others on the west by the properties of Madhusudan Banerjee, Ramtaran Mazumdar, Issurchandra and Kailaschandra Sinha and on the south by the properties of Rajkisore Banerjee and Jaydeb Chatterjee Anandaprasad Mukerjee Khettermohan Mukerjee and by a tank belonging to Hurishchandra Ghosh and which said premises are now deecribed as follows —

All that two-storied brick-built messuage tenement or dwelling house together with the piece or parcel of land on part whereof the same is erected and built containing an area of twelve Bighas more or less being premises No. 92 Upper Circular Road in the town of Calcutta known as Parsee Bagan together with all the other lands buildings erections out-houses godowns stables now or heretofore appertaining to the same premises which said premises are butted and bounded as follows North by the Parsee Bagan Lane East by the Upper Circular Road South by the premises belonging to Babus Rajkristo Banerjee Rakhaldas Haldar Asutosh Chattopadhyay Anandapr sad Mukhopadhyay Jadunath Chattopadhyay and tanks belonging to late Bepinbehary Ghosh and Kailaschandra Singhee and on the West by premises No 15 belonging to Babu Issurchandra Singhee and b others No 15-1 belonging to Babu Tincoury Mukerjee No 17 belonging to Kedarnath Basu No 17-1 belonging to Sreemuty Bidhumukhi Debi Thes premises bear the Holding No 189 Block No XIII Northern Division in the town of Calcutta and the annual Revenue is rupees forty-two annas thirteen and pie one payable to Government

The Third Schedule above referred to.

1 A cheque No 908 on the National Bank of India, Limited, dated the fifteenth day of June, one thousand nine hundred and twelve, drawn by T Palit (the founder) in favour of the Vice-Chancellor of the University of Calcutta for Rupees Three Lacs

2 One hundred and twenty-five Clive Mills Co, Limited, "A" preference shares No 10327 to 10451 in five scrips numbered respectively 124, 125, 126, 127 and 128

3 Two hundred and fifty Shahdara (Delhi) Saharanpur Light Railway Company's shares numbered 10566 to 10815 in three scrips numbered respectively 292, 293 and 294

4 One hundred and forty-five Barasat Basirhat Light Railway Company's shares numbered 5256 to 5280 in scrip No 353, 5331 to 5380 in scrip No 182, 5381, to 5430, in scrip No 183, 10134 to 10153 in scrip No 538

In witness whereof the parties hereto have hereunto set and subscribed their respective hands and seals the day and year first above written

T PALIT ⊙ Seal

ASUTOSH MOOKERJEE ⊙ Seal

Sealed and signed on behalf of the University of Calcutta.

ASUTOSH MOOKERJEE
Vice-Chancellor

Signed sealed and delivered by the above named T Palit and by the Hon'ble Justice Sir Asutosh Mookerjee Vice-Chancellor of the University of Calcutta, above named for and on behalf of the said University at No 35 Ballygunge Circular Road Calcutta in the presence of

Seal of the University

P C KAR, Solr, Calcutta,
GIRISCHANDRA MOOKERJI,
Asst Registrar, Calcutta University
R MUKERJI,
46, Beadon St Calcutta
S K MULLICK,
Barrister-at-Law

Presented for Registration between the hours of 1 and 2 P M, on the 17th day of June 1912 at the Calcutta Registry Office by Pramathachandra Kar son of the late Rai Hemchandra Kar, Bahadur, of No 12 Old Post Office Street Calcutta by caste Kayastha by occupation Solicitor as agent for Taraknath Palit under a general power of Attorney No 110 for 1904 executed in the presence of the Special Sub-Registrar of Alipur

Seal of the Registry Office

P C KAR,
KRIPANATH DUTT,
District Registrar of Assurances,
Calcutta
17-6-12

Execution is admitted by the above Pramathachandra Kar under power cited above who is personally known to me

P C KAR
KRIPANATH DUTT,
District Registrar of Assurances,
Calcutta
17-6-12

Execution is admitted By Sir Asutosh Mookerjee, Kt, of the Calcutta University, Vice-Chancellor of the above University, and Judge of the High Court, Calcutta who is personally known to me

ASUTOSH MOOKERJEE
KRIPANATH DUTT
District Registrar of Assurances,
Calcutta
17-6-12

Secord Trust Deed Executed by Sir Taraknath Palit.

This indenture made this eighth day of October one thousand nine hundred and twelve between Taraknath Palit Barrister-at Law of No 35 Ballygunj Circular Road within the Municipal Limits of the town of Calcutta son of Kalikinkar Palit deceased Kayastha hereinafter called the said Settlor of the first part and the said Taraknath Palit, the Hon'ble Sir Asutosh Mookerjee, Kt D L etc Vice-Chancellor of the University of Calcutta and one of His Majesty's Judges of the High Court, Sisirkumar Mallik, Barrister at Law and the University of Calcutta of the second part (who and the survivors of them and other the Trustees for the time being of these presents are hereinafter referred to as "the said Trustees") and the University of Calcutta (hereinafter called "the said Trustees University") of the third part whereas by an Indenture bearing date the fifteenth day of June one thousand nine hundred and twelve and made between the said settlor of the one part and the University of Calcutta of the other part, the said settlor granted and assigned unto the said University certain lands, messuages moneys and securities for moneys in the said Indenture fully set forth upon the conditions, terms and trusts in the said Indenture mentioned and whereas the said settlor is seized and possessed as absolute owner of the lands hereditament messuages and premises mentioned and fully described in the Schedule A hereto and whereas the said settlor is also possessed of and absolutely entitled to the Government Securities Bank Shares Debentures and moneys payable upon Promissory Notes and Life Policy specified in the Schedule B hereto and whereas the said settlor is entitled to the principal sums and interest mentioned in Schedule C hereto and secured by the several Indentures of Mortgage also mentioned in the said Schedule and to the full benefit of all securities for the same specified and described in the several parts of the said Schedule and more particularly described in the said Indentures of mortgage subject to a proviso for redemption and whereas the said settlor is also entitled to the principal sums and interest mentioned in Schedule D hereto and secured by the several Equitable Mortgages also mentioned in the said schedule and to the full benefit of all securities for the same specified and described in the several parts of the said schedule and whereas the said settlor is desirous of settling the properties specified and described in the said several Schedule A, B, C and D hereto upon the Trusts and for the purposes hereinafter declared and expressed and at his request the said Hon'ble Sir Asutosh Mukerjee, Sisirkumar

Mullick and the University of Calcutta have consented to become Trustees with himself of and for the purposes of the said intended settlement in the manner hereinafter expressed and provided and whereas the Sakhi Shilpa Samiti and the Institution styled as the Albert Victor Hospital, Calcutta Medical School and the College of Surgeons and Physicians Bengal respectively have assented to the conditions hereinafter expressed and appearning upon which the settlement hereinafter contained for their benefit respectively is hereby made and whereas the Government Securities Bank Shares Debentures and Promissory Notes and Life Policy mentioned in the said Schedule B hereto as also the Promissory Notes mentioned in the said Schedule D hereto are intended to be endorsed and transferred by the said settlor unto or otherwise vested in the said Trustees to the intent that they shall stand possessed of the same upon the trusts and for the ends intents and purposes hereinafter declared and expressed of and concerning the same and whereas the present approximate value of the several properties set forth and mentioned in the said Schedules A, B, C and D hereto and intended to be hereby settled is rupees seven lakhs eighty-five thousand eight hundred and sixty-seven annas eight the particulars whereof are set out in such Schedules

1 Now this indenture witnesseth that in order to give effect to the said recited intention of the said settlor and upon the acceptance by the other Trustees of the said Trusteeship the said settlor doth hereby grant convey and transfer unto the said Trustees all those the lands hereditaments messuages and premises in the said Schedule A hereto described or howsoever otherwise the said land messuages hereditaments and premises or any part thereof may be described bounded called known or distinguished together with all appurtenances or easements whatsoever thereunto belonging or held or enjoyed therewith or with any part or parcel thereof and all the Estate right title interest and claim of him the said settlor in and to the said hereditaments lands and premises and every part thereof together with all Deeds and Documents and muniments of title whatsoever in the custody or power of the said settlor which relate exclusively to or concern the said hereditaments and premises or any part thereof to have and to hold the said messuages lands and hereditaments and all and singular other the premises mentioned and described in the said Schedule A and hereby transferred or expressed so to be unto the said Trustees upon the Trusts and to and for the ends intents and purposes hereinafter declared and expressed of and concerning the same.

2 And this indenture also witnesseth that the said settlor doth hereby assign and transfer unto the said Trustees all the Government Securities Bank Shares Debentures and Promissory Notes and Life Policy set out in the said Schedule B hereto and also the Promissory Notes set out in the said Schedule D hereto and all principal interest and moneys thereby secured or payable and to become payable thereunder and all the right title and interest of him the said Settlor to and in the same respectively to have, receive and take the said Government Securities Bank Shares Debentures Moneys and Promissory Notes and Life Policy described in the said Schedule B and the Promissory Notes set out in the said Schedule D and hereby assigned and transferred or expressed so to be unto the said Trustees upon the Trusts and to and for the ends intents and purposes hereinafter declared and expressed of and concerning the same

3 And this indenture also witnesseth that the said settlor doth hereby assign and transfer unto the said Trustees the several Principal sums mentioned in the said Schedules C and D hereto respectively and secured by the several Mortgages and Equitable Mortages therein respectively mentioned and all interest due and to become due for the same respectively and the benefit of all securities respectively and all the estate right title interest claim and demand of the said settlor unto and upon the said premises to have and to hold the said premises unto the said Trustees upon the Trusts and to and for the ends intents and purposes hereinafter declared and expressed of and concerning the same

4 And this indenture also witnesseth that the said settlor as such mortgagee as aforesaid doth hereby convey and transfer unto the said trustees all and singular the hereditaments and premises comprised in and granted charged or otherwise assured by the said several indentures of Mortgage and the said Equitable Mortgages or expressed so to be and which said premises and hereditaments respectively are specified and described in the said Schedules C and D respectively to hold the same unto and to the use of the said Trustees subject to such right or equity of redemption as is now subsisting therein respectively and upon the Trusts and to and for the ends intents and purposes hereinafter declared and expressed of and concerning the same

5 And it is hereby declared and agreed that the said Trustees shall hold the said lands messuages and hereditaments and mortgaged hereditaments and premises and the moneys thereby secured and the Government securities Bank shares Debentures and Promissory Notes and Life Policy and moneys thereby secured respectively and all and singular other the premises hereinbefore granted conveyed assigned or transferred and hereinafter referred to as the said Trust Estate upon the Trusts and to and for the ends intents and purposes hereinafter declared and expressed of and concerning the same that is to say

(*a*) Upon Trust during the life time of the said settlor to permit him to collect receive and take to rents issues profits dividends and income of all and singular the said Trust Estate and (subject to the payment thereout of the Government Revenue, Cesses rates and taxes including income tax and other impositions and outgoings chargeable upon or payable in respect of the said Trust Estate including the cost and expenses of the maintenance and repair of the hereditaments and premises comprised in the said Schedule A) to apply and dispose of the said rents issues profit dividends and income to and for the absolute use and benifit of the said settlor with liberty to and for the said settlor to reside in the premises no 35, Ballygunge Circular Road mentioned and described in the said Schedule A free of rent

(*b*) And upon Trust upon the death of the said settlor that the other Trustees or the survivors or survivor of them or other the Trustees or Trustee for the time being of these presents do and shall transfer and make over the said Trust Estate to the University of Calcutta who shall thenceforth become the sole Trustee of these presents and shall hold and stand possessed of the said Trust Estate upon the Trusts and to and for the ends intends and purposes hereinafter declared and expressed of and concerning the same

6 And it it is hereby declared and agreed that from and after the death of the said settlor the University of Calcutta hereinafter referred to as "the said Trustee University" shall hold and stand possessed of the said Trust Estate upon the Trusts and to and for the ends intents and purposes hereinafter declared and expressed of and concerning the same that is to say

(*a*) Upon Trust to Collect, receive and take the rents, issues, profits dividends and income thereof respectively and thereout in the first place to pay and discharge the Government Revenue, Cesses, rates and taxes including income-tax and other impositions and outgoings chargeable upon or payable in respect of the said Trust Estate, Fire Insurance Charges in respect of such of the properties as the said Trustee University may think desirable to insure and also the costs and charges of all necessary repairs of house property belonging to the said Trust Estate

(*b*) That the said Trustee University shall, out of the said Trust Estate, set apart or realise and set apart the sum of Rupees One Lac and shall stand possessed of the said sum of Rupees One Lac and the investments from time to time representing the same Upon Trust to apply the net income thereof in perpetuity in establishing and maintaining scholarships for advanced students in Science to enable them to carry on research or investigation abroad that is to say outside

India the number and value of such scholarships to be determined by the Governing Body in the said recited Indenture of the fifteenth of June One thousand nine hundred and twelve mentioned hereinafter referred to as 'the said Governing Body' and the said scholarships shall be awarded upon the following conditions namely —

(*i*) That the recipients of the said scholarships must be very distinguished graduates of the Calcutta University of either sex and must have taken the Degree of Master of Science or Doctor of Science or have been awarded the Premchand Roychand Scholarship

(*ii*) That such recipients must be unmarried and must continue so during the period they hold such scholarships and if they contravene this condition they shall forfeit their scholarships as well as refund the whole of the amount of the pecuniary benefit they shall have received in respect of their scholarships with interest at the rate specified in the bond hereinafter mentioned

(*iii*) Before proceeding abroad such recipients must insure their lives in favour of the said Trustee University for such amount and in such manner as the said Governing Body may determine and the premium in respect of such Insurance shall be payable by the recipients out of the amount of the scholarships so awarded to them

(*iv*) The said recipients shall not during the period they may hold the said scholarships enrol themselves as members of any of the Inns of Court or attempt to qualify themselves for any of the branches of the legal profession and if such recipients contravene this condition they shall forfeit their scholarships as well as refund the whole of the pecuniary benefit thereunder as aforesaid with interest at the rate specified in the Bond hereinafter mentioned

(*v*) No one shall be eligible for the above scholarships whose knowledge of the language of the Country in which his or her researches or investigations have to be prosecuted is not such as to enable him or her to intelligently prosecute such researches or investigations in that country

(*vi*) The period during which such scholarships shall be tenable shall be determined by the said Governing Body and it shall be competent to them to extend such period if they deem such extension beneficial

(*vii*) If the said Governing Body are satisfied that the recipient of any such scholarship is not diligently prosecuting his or her researches or investigations or is misbehaving himself or herself, it shall be competent to the said Body to stop payment of his or her scholarship either temporarily or permanently as they may think fit

(*viii*) The right of nomination for any of the aforesaid scholarships shall be with the said Governing Body

(*ix*) The said Trustee University shall require each of the recipients of such scholarships before proceeding abroad to enter into a bond with them to refund such sum as may be spent for him or her in respect of his or her scholarship together with interest on the total amount spent at a rate not exceeding six per cent per annum from the date or dates of expenditure within such time, and on such conditions as the said Trustee University may think fit provided always that the said Trustee University may in any case forbear enforcing such Bond as to any part or the whole of the money secured thereby as the said Trustee University may in their discretion think fit

(*x*) Should the said Governing Body at any time be unable for want of suitable candidates or for any other reason to apply the moneys alloted to such scholarships the said Trustee University shall accumulate the same and apply the same for the purposes of such scholarships thereafter and all moneys recovered under the Bonds aforesaid shall be applicable to the provision of such scholarships as hereinbefore mentioned

(*c*) That the said Trustee University shall out of or by means of the said Trust Estate provide and pay transfer and make over to the authorities of the Institution Registered on the thirtieth day of January one thousand nine hundred and seven under Act XXI of 1860 as the Shilpa Samiti and which has since been Registered and is known as the Sakhi Shilpa Samiti Government Securities of the three and half per cent loan of the nominal value of Rs 15,000 (Rupees fifteen thousand) when the same shall be required by the said institution to be applied by it for the purposes of providing a local habitation with a view to the promotion of the welfare of Hindu widows and upon the undertaking to be given in writing by or on behalf of the said Institution to the said Trustee University that in case the said local habitation to be constructed or acquired partly by means of the said payment ceases to be utilised for the promotion of the welfare of Hindu widows the said Institution shall be bound to refund the amount of the said Government Securities and to make over the same to the said Trustee University to be held by them upon the Trusts declared in the Indenture of the fifteenth day of June one thousand nine hundred and twelve

(*d*) That the said Trustee University shall out of or by means of the said Trust Estate provide and pay transfer and make over to the Institution Registered under Act XXI of 1860 and known and styled as the Albert Victor Hospital Calcutta Medical School and the College of Surgeons and Physicians Bengal Goverement Securities of the three and a half per cent loan of the nominal value of Rs 50,000 (Rupees fifty thousand) when the same shall be required by the said Institution to be utilised by it for the purpose of providing the said Institution with well equipped Laboratories in order to qualify for the requirements of application to the University of Calcutta or in order to instruct and prepare students for any examinations which may be held by any Examining or Licensing Board which may hereafter be established by any duly constituted authority in this country and empowered to hold examinations and grant licenses and diplomas and upon the undertaking given in writing to the said Trustee University by or on behalf of the said Institution that in the event of the said Institution ceasing to exist or failing to carry out the purposes for which this grant is made, then the amount of the said Government Securities shall be refunded and made over to the said Trustee University to be held and applied by the latter upon the Trusts set out in the said Indenture of the fifteenth of June one thousand nine hundred and twelve

Provided nevertheless that the authorities of the said Sakhi Shilpa Samiti and the said Albert Victor Hospital Calcutta Medical School and College of Surgeons and Physicians, Bengal, shall not be held liable to satisfy the said undertaking out of their own private means or resources

(*e*) That the said Trustee University shall out of the income of the said Trust Estate pay to Srimati Rani Palit, the daughter of Jogendranath Palit late nephew of the said settlor the sum of Rupees 15 (Rupees fifteen) per month during the term of her natural life

(*f*) That the said Trustee University shall from time to time make such contribution if any as in their discretion shall or may from time to time appear desirable in order to provide for the adequate instruction of and to give every facility by allotting separate accommodation in Lecture Rooms, Laboratories, Retiring Rooms or in any other like manner to female students who may be desirous of prosecuting their studies for the Degrees of Bachelor of Science with Honours, Master of Science or Doctor of Science and also to other female students who may be exceptionally qualified in any of the relevant subjects of study though they may not be under-graduates of any University

(*g*) That the said Trustee University shall apply the entire balance of the income of the said Trust Estate in aid of and for the better carrying out of the Trusts in the said Indenture of the fifteenth day of June one thousand nine hundred and twelve

7 It is hereby also declared notwithstanding anything hereinbefore contained that if at any time hereafter the said Trustees or the said Trustee University deem it necessary and expedient to make or execute heavy and substantial repairs, additions and alterations to and to the existing buildings forming part of the said premises No 35, Ballygunge Circular Road and to partially or entirely fill up the Jhil on the grounds of the said premises with a view to the said premises being easily let or sold and the costs thereof cannot conveniently be met out of the income of the said Trust Estate then the said Trustees and the said Trustee University respectively are and is hereby authorised to pay for such costs out of the corpus of the said Trust Estate

8 And it is hereby further declared and agreed

(*a*) That the said Trustees and the said Trustee University respectively may at their absolute discretion leave the said Trust Estate or any part or parts thereof or the investments thereof respectively in the same state of investment as the same are respectively at the date of these presents or as they may be when they are transferred and made over to the said Trustee University under these presents and may retain them in such state of investment respectively so long as the said Trustees or the said Trustee University shall think fit

(*b*) That the said Trustees or the said Trustee University shall have full power to sell or exchange any part of the said Trust Estate on such terms and conditions and in such manner as they respectively shall think proper whenever in their judgment it shall be for the benefit of the said Trust Estate so to do and to apply the sale proceeds of any property sold in any way that they consider for the benefit of the said Trust Estate but no purchaser shall be bound to see to the application of the purchase money and the said Trustees or the said Trustee University may from time to time let and lease any part of the immovable properties belonging to the said Trust Estate from month to month or from year to year or for any term of years or in perpetuity with or without payment of premium for such leases respectively and on such terms and conditions and subject to such covenants as they respectively shall think fit and may accept surrender of leases tenancies and generally manage the said Trust Estate as they shall think fit

(*c*) That any moneys liable to be invested by the said Trustees or the said Trustee University shall be invested by them respectively in their names or in the case of the said Trustees in the names of any two of them in any of the following forms of investments with liberty to vary and transpose the same from time to time namely Government Promissory Notes or other Securities of the Government of India, Calcutta Port Trust and Calcutta Municipal Debentures, Shares or Stock of Debentures of any Railway or other Company the interests and dividends accruing whereirom shall have been guaranteed by the Secretary of State for India in Council or by the Government of India or by any of the Local Government in India, East Indian Railway scrips Bank of Bengal Shares, Purchase of Mortgage of immovable properties in Calcutta or its suburbs and any other securities authorised by any rule which the Calcutta High Court may from time to time prescribe as a proper investment for Trust Funds Provided nevertheless that during the life of the said settlor the said Trustees or the Trustee for the time being shall invest the moneys liable to be invested in such forms of investment as he may approve

(*d*) The said Trustees and the said Trustee University respectively may at their uncontrolled discretion instead of acting personally employ and pay any other person or persons to transact any business or to do any act of whatever nature in relation to the Trusts hereof without being liable for loss incurred thereby

9 And it is hereby further agreed and declared that if any of the said Trustees shall die or permanently reside outside British India or shall desire to retire or refuse to act or become incapable of acting in the Trusts of these presents

then and in every such case it shall be lawful for the surviving or continuing Trustees or Trustee (and for the purpose of this clause every retiring Trustee shall be considered to be a continuing Trustee) to appoint a new Trustee or new Trustee hereof in the place of the Trustee or Trustees so dead or permanently residing outside British India or desiring to be discharged or refusing to act or becoming incapable of acting as aforesaid and such new Trustees shall be appointed by a majority of votes of the continuing Trustees During the said settlor's life-time the Trustees of these presents shall never be less than three in number and any vacancy in the said Trusteeship shall be filled up as soon as conveniently may be said upon every such appointment the said Trust Estate shall be vested in the new Trustees or Trustee alone or jointly with the surviving or continuing Trustee or Trustees as the case may be and every such new Trustee shall have the same powers and authorities as if he had been a Trustee appointed by these presents

10 In case there shall arise any difference of opinion among the Trustees for the time being in regard to any Trust affairs or any act matter or thing proposed to be done in relation thereto the opinion and determination of a majority of the Trustees shall be conclusive It is the intention of these presents that the acts and proceedings of the majority of the Trustees of these present shall for all the purposes of this indenture be and be deemed to be and be taken as the acts proceedings of the whole or entire body of the Trustees any rule of Law or Equity to the contrary notwithstanding and no Trustee acting under these presents shall be liable for any loss not attributable (a) to his own dishonesty or (b) to the wilful commission by him of an act known by him to be a breach of Trust and the Trustees may reimburse themselves out of the said Trust estate all costs and expenses incurred by them in or about the execution of the Trusts of these presents

11 It is hereby also declared that during the life time of the said Settlor, he in conjunction with any of the Trustees shall be competent to do all the acts required to be done by the Trustees or to exercise all the powers conferred upon them and the same shall be regarded as if they had been done or executed by all the Trustees

In witness whereof the parties hereto have set their respective hands and seals the day month and year first above written

Signed Sealed and Delivered at No 35 Ballygunge Circular Road by all the executants in the presence of

Sd N C Bose Solr, Calcutta
" Manmathnath Mitra
" Girischandra Mukerjee
" Pratapnath Sen, Art Clerk to Mr N C Bose
" Charuchandra Sanyal

Sd P Palit O My Seal
" T Palit O My Seal
" Asutosh Mookerjee O My Seal
" S K Mullick O My Seal

University of Calcutta
BY
Sd Asutosh Mookerjee,
Vice-Chancellor

SCHEDULE .

1 All that three-storied and the adjoining four-storied brick-built dwelling houses and premises together with the piece or parcel of land thereunto belonging and on part whereof the same are erected containing by estimation Twenty-four Bighas be the same a little more or less situate lying at and being premises No. 35, Ballygunge Circular Road within the Municipal limits of Calcutta being former Holdings Nos 36, 37, 38, 38A, 39, 40, 41, 42, 43, 44, 44A, 45, 45A and 46 at present consolidated into Holding No 65 Division 6 Sub-Division O in Dihi Panchannagram Thana Ballygunge Registration Office Alipore and butted and bounded in the manner following, that is to say, on the North by Ballygunge Circular Road on the South by Municipal drain on the East by the purchased land of Rani Kusum Kamini Debi wife of Raja Saradindu Roy of Balihar on the West by the house and premises No 34, Ballygunge Circular Road belonging to Mr J Choudhuri Barrister-at-law or howsoever otherwise the same is or may be described known or called in the deeds of title with regard thereto made over by the said settlor to the said Trustees together with all outhouses buildings godown stables coach houses compounds walls ways paths passages sewers drains tanks jhils waters water courses and all manner of rights privileges easements advantages appendages and appurtenances and fixtures whatsoever to the said hereditaments and premises or any part thereof

Previous to the consolidation of Holdings Nos 36, 37, 38, 38A, 39, 40, 41, 42, 43, 44, 44A, 45, 45A and 46 hereinbefore mentioned all the said Holdings had been redeemed by the said settlor excepting Holding No 39 measuring two bighas seventeen cottas and ten chittacks more or less of which Babu Baradakanta Chowdhuri is the superior landlord and which was redeemed by him and of which Holding the settlor is a permanent tenure holder paying an annual rent of Rupees twenty to the said Baradakanta Chowdhuri by virtue of Registered deed of Mourasi Mokrari lease dated 30th May one thousand eight hundred and eighty seven granted by his predecessor in title

Estimated valuation Rs 3 00,000

2 All that piece or parcel of land containing by measurement three bighas eighteen cottahs five chittacks and thirty five square feet (as appears from Smart's survey) be the same a little more or less situate lying at and being premises No 15 Garcha Road in Ballygunge within the Municipal limits of Calcutta and being former Holdings Nos 67 68, 69 and 70 and at present consolidated into Holding No 48 Sub Division O Division 6 in Dihi Panchannagram Thana Ballygunge Registration Office Alipore and butted and bounded in the manner following, that is to say on the north partly by the Municipal drain and partly by premises No 43 Garcha first Lane on the South partly by premises No 16 Garcha Road partly by road under construction being the extension and widening of the original Garcha Road and partly premises No 14 Garcha Road on the East partly by the premises No 20 Garcha Road and partly by premises No 17 Garcha Road on the West partly by premises No 14 Garcha Road partly by pathway between the premises No 15 Garcha Road and premises Nos 11, 12 and 13 Garcha Road and partly by the premise No 43 Garcha first Lane or howsoever otherwise the same is or may be described known or called or described or called in the Deeds of Title thereto made over by the said settlor to the said Trustees together with all ways paths passages sewers drains tanks waters watercourses and all manner of rights privileges easements advantages and appendages whatsoever to the said hereditaments and premises

Estimated valuation Rs 20,000

3 All that piece or parcel of land situate lying at and being premises No 16 Garcha Road in Ballygunge within the Municipal limits of Calcutta containing by estimation one cottah nine chittacks and seven square feet more

or less (as appears from Smart's survey) being part of former Holding No 66 now part of consolidated Holding No 48 Sub-Division O Division 6 in Panchannagram Thana Ballygunge Registration Office Alipore and butted and bounded in the manner following, that is to say, on the North and East by the premises No 17 Garcha Road on the South by the Road under construction as aforesaid on the West by the permises No 15 Garcha Road belonging to the said settlor or howsoever otherwise the same is or may be described known or called or described or called in the Deeds of Title thereto made over by the said settlor to the said Trustees together with all rights liberties privileges easements advantages appendages and appurtenances whatsoever to the said hereditaments and premises

Estimated valuation Rupees 600

4 All that piece or parcel of land and premises lying at and being premises No 18 Garcha Road in Ballygunge within the Municipal limits of Calcutta containing by estimation four cottahs thirteen chattacks and thirty square feet more or less (as appears from Smart's survey) being former Holding No 66 present Holding No 49 Sub-Division O Division VI in Dihi Panchannagram Thana Registration Office as aforesaid and butted and bounded in the manner following that is to say on the North partly by premises No 15 Garcha Road belonging to the said settlor and partly by common public passage on the South by the Road under construction as aforesaid on the East by the premises No 16 Garcha Road on the West by the premises No 17 Garcha Road or howsoever otherwise the same is or may be described known or called or described or called in the Deeds of Title thereto made over by the said settlor to the said Trustees together with all rights liberties privileges easements advantages appendages and appurtenances whatsoever to the said hereditaments and premises

Estimated valuation Rs 2,000

5 All that piece or parcel of land and premises lying at and being premises No 21 Garcha Road in Ballygunge within the Municipal limits of Calcutta in the Southern Division of the Town containing by estimation one Bigha three cottahs and five square feet more or less (as appears from Smart's survey) being former Holding No 63B and present Holding No 5 Sub-Division O Division VI in Dihi Panchannagram Thana Registration Office as aforesaid and butted and bounded in the manner following, that is to say on the North by Municipal drain on the South partly by the premises No 23 Garcha Road partly by the premises No 24 Garcha Road partly by the premises No 25 Garcha Road belonging to Mohammad Yakab on the East by the premises No 26 Garcha Road and on the West partly by the premises No 20 Garcha Road and partly by public path or howsoever otherwise the same is or may be described known or called or described or called in the Deeds of Title thereto made over by the said settlor to the said Trustees together with all waters jhils tanks drains rights liberties privileges easements advantages appendages and appurtenances whatsoever to the said hereditaments and premises

Estimated valuation Rs 3,500

6 All that one storied brick-built messuage hereditaments and premises together with the piece or parcel of land situate lying at being premises No 28 Garcha Road in Ballygunge within the Municipal limits of Calcutta in the Southern Division of the Town containing by estimation one Bigha one cottah four chattacks and twenty square feet more or less (as appears from Smart's survey) being former Holding No 50 present Holding No 58 Sub Division O Division VI in Dihi Panchannagram Thana and Registration Office as aforesaid and butted and bounded in the manner following, that is to say, on the North and East by the premises Nos 29—31 Garcha Road on the South by the Road under construction as aforesaid and by premises No 27 Garcha Road on the West partly by premises Nos 26 and 27 Garcha Road or howsoever otherwise the

same is or may be described known or called or described or called in the Deeds of Title thereto made over by the said settlor to the said Trustees together with all houses outhouses waters tanks drains sewers rights liberties privileges easements advantages appendages appurtenances whatsoever to the said hereditaments and premises

Estimated valuation Rs 10,000

7 All that upper roomed brick-built messuage dwelling house tenements hereditaments and premises together with the piece or parcel of land thereunto belonging and on part whereof the same erected containing by estimation two cottahs and thirty-one square feet more or less situate lying at and being premises No 6 Munshi Woolla's Lane in Taltala in the Division of the Town of Calcutta and butted and bounded in manner following that is to say, on the North by Munshi Woolla's Lane aforesaid on the South by premises No 31-1 Taltala Lane being open land on the East by premises No 30 Taltala Lane aforesaid and on the West by a public Lane sometimes described as Woolla's Lane aforesaid or howsoever otherwise the same is or may be described or called in the Deeds of Title with regard thereto made over by the said settlor to the said Trustees together with all rights liberties privileges appendages easements advantages and appurtenances whatsoever to the said hereditaments and premises

Estimated valuation Rupees 8,000

8 All that upper roomed brick-built dwelling house messuage tenement hereditaments and premises together with the piece or parcel of land hereunto belonging and on part whereof the same is erected and built containing by estimation fifteen cottahs eight chittacks and twenty one feet more or less situate lying at and being premises No 7 Munshi Wooly Woolla's Lane in Taltala in the Southern Division of the Town of Calcutta and butted and bounded in manner following, that is to say, on the North partly by No 23 Taltala Lane and partly by a public Lane on the South by Munshi Wooly Woolla's Lane aforesaid on the East partly by premises No 24 Taltala Lane aforesaid and partly by premises No 25 Taltala Lane and partly by premises No 29 Taltala Lane aforesaid being bustee land belonging to Hiranchandra Nuggy and on the West by premises No 8 Munshi Wooly Woolla's Lane aforesaid belonging to one Munshi Alawalah Rahman or howsoever otherwise the same is or may be described or called in the Deeds of Title with regard thereto made over by the said settlor to the said Trustees together with all rights liberties privileges advantages easements appendages and appurtenances whatsoever to the said hereditaments and premises

Estimated valuation Rupees 25,000

9 All that piece or parcel of land containing by measurment five Bighas and four cottahs be the same a little more or less situate lying at being premises No 90-3 Dhakuria Road in Dhakuria within the Municipal limits of the Town of Calcutta being former Holdings No 136 and part of Nos 138 and 139 and present Holdings Nos 13, 14 and 18 Sub-Division U Division VI in Dihi Panchannagram Registration Office and Thana Alipur and butted and bounded in the manner following, that is to say, on the North by Dhakuria Road on the South formerly by portion of premises No 90-3 Dhakuria Road at present by premises No 20 1 Gobindopore Road and also by premises Nos 91 and 91 1 Dhakuria Road belonging to Gurupada Haldar on the East by the premises No 92-2 Dhakuria Road belonging to Babu Chooneylal Haldar on the West partly by premises No 92 Dhakuria Road and partly by premises No 91 Dhakuria Road belonging to Babu Gurupada Haldar or howsoever otherwise the same is or may be described known or called or described or called in the Deeds of Title thereto made over by the said settlor to the said Trustees together with all waters tanks drains

rights liberties privileges easements advantages appendages and appurtenances whatsoever to the said hereditaments and premises

Estimated valuation Rupees 20,000

10 All that piece or parcel of land situate lying at and being premises No 132-1 Russa Road in Kalighat within the Municipal limits of the Town of Calcutta containing by estimation ten cottahs thirteen chittacks and five square feet more or less being former Holding No 316 and present Holding No 3 Sub-Division Q Division VI in Dihi Panchannagram Thana Bhawanipore Registration Office Alipore and butted and bounded in the manner following, that is to say, on the North partly by premises No 132-2 Russa Road and partly by a common pathway on the South by the premises No 132 Russa Road belonging to Babu Horychoran Chatterjee on the East by premises No 132-7 and 132 6 Russa Road both belonging to Babu Kallypodo Banerjee on the West by Russa Road or howsoever otherwise the same is or may be described known or called or described or called in the Deeds of Title thereto made over by the said settlor to the said Trustees together with all huts rooms tanks waters drains sewers rights liberties privileges easements advantages appendages and appurtenances whatsoever to the said hereditaments and premises

11 All that piece or parcel of land situate lying at and being premises No 132-4 Russa Road in Kalighat within the Municipal limits of the town of Calcutta containing by estimation Ten cottahs and fifteen sqare feet be the same a little more or less being former holding No 316 and present Holding No 3 Sub-Division Q Division VI Dihi Panchannagram Thana Bhowanipur Registration Office Alipore and butted and bounded on the North by a common pathway on the South by Babu Horychuran Chatterjees land on the East by Municipal drain on the West by premises No 32-6 Russa Road belonging to Babu Kalipada Banerjee or howsoever otherwise the same is or may be described known or called or described or called in the Deeds of Title thereto made over by the said settlor to the said Trustees together with all huts rooms tanks waters drains sewers and all rights liberties privileges easements advantnges appendages and appurtenances whatsoever to the said hereditaments and premises

Estimated valuation of items 10 and 11 together Rupees 10,000

12 All that piece or parcel of land situate lying at and being premises No 149 Tallygunge Road in Kalighat within the Municipal limits of the town of Calcutta containing by estimation five cottas fifteen chittacks and twenty five square feet be the same a little more or less being former holding No 118 present Holding No 44 Sub-Division F Division VI in Dihi Panchannagram Thana Kalighat Registration Office Alipore and butted and bounded on the North by premises No 168-2 Tallygunge Road belonging to Sreemutty Aghormani Dassee on the South and East by footpath and Municipal drain on the West by premises No 148 Tallygunge Road belonging to Jogendranath Haldar or howsoever otherewise the same is or may be described known or called or described or called in the Deeds of Title thereto made over by the said settlor to the said Trustees together with all huts rooms tanks waters drains sewers and all rights liberties privileges easements advantages appendages and appurtenances whatsoever to the said hereditaments and premises

13 All that piece or parcel of land situate lying at and being premises No 149A Tallygunge Road in Kalighat within the Municipal limits of Calcutta containing by estimation six chittacks and ten square feet be the same a little more or less being former Holding No 118 and present Holding No 56 Sub-Division F Division VI in Dihi Pachannagram Thana Bhowanipore Registration Office Alipore and butted and bounded in the manner following that is to say on the North and West by footpath on the East and South by Municipal drain or howsoever otherwise the same is or may be described known or called or described or called in the Deeds of Title thereto made over by the said settlor

to the said Trustees together with all waters drains sewers privies and all rights liberties privileges easements advantages appendages and appurtenances whatsoever to the said hereditaments and premise

Estimated valuation of items 12 and 13 together Rs 2,500

(Sd) T PALIT

Witness (Sd) ASUTOSH MOOKERJEE.

N C Bose Sd) S. K MULLICK

—

SCHEDULE B.

1. Government Securities.

No 074903 of the 3½ % Loan of 1900 for Rs 100
" 074904 " " " 100
" 060460 " " " 100
" 060461 " " " 100
" 060462 " " " 100

Present approximate value of the aforesaid Government Securities is Rs 475

2. Bank of Bengal Shares.

Ten Shares Nos 20891 to 20895 28264 to 28270 26886 and 35691 for Rs 5,000 comprised in one certificate of the said Bank Reg Fol 4576177

One share No 64 0 for Rs 500 comprised in the certificate of the said Bank Reg Fol 4777

Present approximate value of the aforesaid eleven shares is Rs 18,700

3 One Port Trust Debenture No. 2803 of 1883 of the 4½ Loan for Rs 5,000.

Present approximate value whereof is Rs 5,000

4. Punna Lal Seal's Debentures.

One Debenture No 338 of the 5½ % Loan for 1,000
One Debenture No 346 " " 1,000
One Debenture No 348 " " 1,000

Present approximate value of the aforesaid Debentures is Rs 3,000.

5 Principal Sum Lent to * * *
upon his Promissory Note dated the 10th of June, 1910, bearing interest at Rs 7 per cent per annum
Rs 26,000

Interest due *Nil*

6. Principal Sum Lent to * * * *
upon his Promissory Note dated the 10th of June, 1910, bearing interest at 7 per cent per annum — Rs 20,000

Interest due *Nil*

7. Principal Sum lent to
upon his Promissory Note dated the 3rd October 1912, bearing interest at the rate of 4½ per cent per annum Rs. 16,000

8. Principal Sum of Rs 1,750 lent to
carrying interest at 6 per cent per annum and secured by a Policy of Insurance No 29002 of the Empire of India Life Assurance Company, Limited, for Rs 2 000 and dated the 25th of July, 1912, made by the said
in his favour and assigned by him to T Palit on the 16th of August, 1912, Rs 1,750

Interest due *Nil*

(Sd) T PALIT.

Witness „ ASUTOSH MOOKERJEE
N C BOSE „ S K MULLICK

SCHEDULE C.

Mortgages.

I Indenture of Mortgage between T Patit and — -- ---- dated the 9th of June 1904, registered on the 14th of June 1904 at the Calcutta Registary Office bearing Registration No 024 for the year 904

Principal sum now due Rs 5,000
Interest due up to the 30th of September 1912 „ 00

Securities

(1) Premises No 16 Bhagaban Banerjee Lane in Calcutta

(2) Premises No 19 Bhagaban Banerjee Lane in Calcutta

(3) Premises No 14-2 Sikdarpara Lane in Calcutta

(4) The undivided half share in the parcel of land containing by estimation, 2 chittaks and 40 square feet in Sikdarpara Lane in Calcutta and bounded on the north by a common passage, on the East by premises No 12, Sikdarpara Lane, on the South by Sikdarpara Lane and on the West by Brajadhar Mallik Lane bearing municipal number

(5) Premises No 14-2 Sikdarpara Lane in the town of Calcutta

II. Indenture of Mortgage between T Palit and —— — ——— —— —— dated the 22nd September, 1904, registered on the 6th January, 1905, at the Calcutta Registry Office bearing Reg No 30 for the year 1905 and

Deed of further Charge between the parties aforesaid dated the 31st of July, 1908, and registered on the 3rd of August 1908, at the Calcutta Joint-Sub Registry Office bearing Reg No 888 for the year 1908

Principal sum now due Rs 13,000
Interest due up to the 30th of September, 1912 *Nil*

Securities

(1) All that grant known by the name of Lakkyjore in Kumar Khally in the District of 24-Perganas thanna and Sub-Division Mathura bearing No 54 of the Sundarband grant and fully described in the Schedule A to the said Indenture of mortgage

(2) The Premises No 5 Pratapchandra Ghose's Lane in Calcutta fully described in the said Schedule A to the said Indenture

(3) The Premises No 13 Panchee Dhobani's Lane in Calcutta and fully described in Schedule B to the said Indenture

(4) All That Estate or Talook called Huda Sarbalara in Pergana Kasijara in Zilla and Registration Office Midnapur and Registration Sub-District Tumlook

(5) All That purchased Lakraj water land containing by estimation one and half bighas in the jote of Madhu Mutla in Perganah Tumlook Mouza Murari Kalooah

(6) All That waterland containing by estimation one and a half bighas in the jote of Damoo Dutt in Mauza Murari Kalooah aforesaid

(7) All That piece of water land containing by estimation one bigha and six cottahs in Mouza Murari Kalooah in the jote of Kailash Bhanja

(8) All That piece of water land containing by estimation one bigha 5 cottahs and half chittak in the jote of Sundar Tantee in Mouza Murari Kalooah aforesaid

(9) All That piece of water land containing by estimation 4 cottahs in jote of Gorari Tantee in Mouza Murari Kalooah aforesaid

(10) All that piece of land containing by estimation 8 cottahs in Mouza Murari Kalooah aforesaid

(11) All that piece of water land measuring one bigha in the jote of Kusoo Berra in Mouza Murari Kalooah aforesaid

(12) All That piece of water land measuring 8 cottahs in the jote of Raghu Beira in Mauza Murari Kalooah aforesaid

(13) All That piece of purchased Brahmottar water land measuring one bigha and twelve cottahs in Mouza Murari Kalooah aforesaid

(14) All That piece of land measuring 10 bighas and 3 cottahs with Lakhraj tank and palm and trees growing on the bank of the same with golabaree on the north side, with wall surrounding with doors in Mouza Murari Kalooah and Bonamally Kalooah and bounded on the West by Lakhraj water land of Madhusudan Dutt, and also by Lakhraj land of the said Estate, on the East by garden house of Ramruttan Ghosh, on the south by water land on the North by the Gur of Sarodaprasanna Ghosh

(15) All That piece of Lakhraj garden land measuring one bigha and 13 cottahs in Mouza Doub bounded on the East by Lakhraj Gurkhye of Madhusudan Dutt, on the South by Government land on the North by water land, on the West by public road

(16) All That piece of Lakhraj land measuring one bigha in Mouza Murari Kalooah and Bonomally Kalooah aforesaid with one storied pucca Kutchery Baree and all other buildings adjoining the same with doors and with all other appurtenances thereto and bounded on the East by the path way, on the South by the land of Ram Narayan Ghosh, on the north by house belonging to the said Estate, on the West by tank of Ram Narayan Ghosh

(17) All That piece of Lakhraj land measuring three bighas with two storied brick-built *pucca* house and a baitakhana on the south thereof and all other appurtenances thereto in the said Mouza and bounded on the East by house and path of Raghunath Jee, on the South by Pathway, on the West by land of Madhusudan Ghosh, on the North by family dwelling house of Preonath Ghosh and another

(18) All That piece of Lakhraj land measuring 10 cottahs with brick built family dwelling house in the aforesaid Mouza and all that Lakhraj land measuring five cottahs with one storied room in the aforesaid Mouza, and the former of which is bounded on the East by *pucca* house of the said Estate on the West

by a cook-room belonging to same and house of Madhusudan Ghosh, on the South by house of Ramnarayan Ghosh, on the North by house of Gobindo Ghosh

(19) All That piece of Lakhraj land measuring one and a half bighas with tank and several species of trees in the aforesaid Mouza and bounded on the East by the Khirkee of the said Estate and land of Ramnarayan Ghosh, on the West by public road on the south by Cowshed of Sarada Ghosh, on the North by tank of Ramchandra, deceased

(20) All That Kulla Tool Bootee in Pergannah Tumlook and Mouza Kazee Chuk with land measuring twelve cottahs in the jote of Madhusudan Maiti and bounded on the East by public road on the West by Kally baree land, on the North by tank, on the South by Kally baree

(21) All That piece of purchased Lakhraj land with garden and tree measuring six bighas in Pergannah Kasee Jorah, Mouza Hirapur in the jote of Raghu Beira and Hari Satra and bounded on the South by Brahmottor land of Chandra Chakrabarti, on the North by Pathrunpur Village limit and on the West by public road

(22) All That piece of Lakhraj of Kalee baree measuring five bighas and 12 cottas containing tank and trees in the Mouza aforesaid in the jote of Gridhur Rajh and others and bounded on the East by Gurkhye of Pudoompore on the North by water land, on the West by water land on the South by land of Madhu Sarkar

(23) All That piece of Lakhraj water land measuring 10 cottahs in Mouza Denab Kaloosh in the jote of Dubee Janna

(24) All That piece of land measuring six and a half cottahs in the aforesaid jote and Mouza and bounded on the East by Drain on the West by Lakhraj land of Madhusudan Sarker on the North by the land of the said Estate, on the South by Mall land of Kally Bhuiya

(25) All That piece of water land measuring 15 cottahs in the jote of Radhu Manna in Mouza aforesaid

(26) All That piece of water land measuring one bigha and two cottahs in the jote of Natebar Manna in Mouza aforesaid

(27) All That piece of water land measuring eleven cottahs in the jote of Abhay Tantee in Mouza aforesaid

(28) All That piece of water land measuring 11 cottahs in the jote of Dabee Janna in Mouza aforesaid

(29) All That piece of water land measuring sixteen and a half cottahs in the jote of Troylukhya Rowt in Mouza aforesaid

(30) All That piece of water land measuring 9 cottahs in the jote of Hari Maiti in Mouza aforesaid

(31) All That portion of the Estate Tumlook called Cisee Chuk Path Pookuria and Kazee Chuk Bakra Bajlying in Pergannah Tumlook in Zilla and Registration District Midnapur, bearing Towjee No 345 now No 2035

(The Properties specified in Sub Clauses (4 to (31) aforesaid are bounded and otherwise more particularly described in the manner detailed in Part I of Schedule C to the said Indenture of Mortgage, all of them being in District Midnapur Sub-Registry and Thana Tumlook)

(32) All That Zemindari of Patni Talook bearing Towji No 1 of the Burdwan Collectorate known by the name of lot Harispur situate in Pergannah Bhoorsoot in Zilla Hooghly in the province of Bengal Registration District Hewrah Sub District Amta and Thana Amta consisting of three Mouzas namely Nij Harispur, Chaldakhally and jote Sudder and held under the Burdwan Raj at an annual rent of Rs 2204

III. Indenture of Mortgage between T Palit and——— ——dated 13th of February, 1906, Registered on the 14th of February, 1906, in Calcutta bearing No. 172 for 1906 And deed of further charge between the parties aforesaid dated the 27th of September, 1911, and registered in Calcutta on the 6th of December, 1911, bearing Reg No 3232 for the year 1911

	Rs.
Principal sum now due	15,000
Interest due up to 30th of September, 1912 ..	*Nil*

Securities

(1) The premises No 23 Muktaram Baboo's Street in Calcutta

(2) All that piece or parcel of tenanted land containing by estimation 5 cottahs 13 chittaks 38 sq ft being premises No 21 Imam Baree Lane in Burtola Holding No 53, Block No 13 in the southern division of the town of Calcutta

(3) All that piece or parcel of Mourasi Mokrari garden land together with upper roomed brick-built house, ghats, gates, etc., containing by estimation 11 bighas 5 cottahs more or less lying at Barbarakpore, near vellor, Pergunnah Bora, Thana and Police Station Bally, Sub-Registration and Registration District Howrah and butted and bounded in manner following, that is to say, on the North partly by the garden of Girishchandra Ghosh, partly by the land and house of Bonomally Shaik, partly by the land of Sreemati Chandra Moni Debee and partly by the land of Lalchand Mallik, on the East parly by the garden and Jama land of Kunjabihari Bysakh and partly by the Jama land of Rajkrishna and Ramkrishna Sanyal and partly by the Jama land of Sureshchandra Mitra, on the South by Lala Babu Shah's Lane and on the West partly by Kasrapara Lane, partly by the Jama land and house of Sirlot and partly by the Jama land of Mahendranath Bysakh, as well as all that piece or parcel of Lakhraj land adjacent to the premises aforesaid containing by estimation about two cottahs

IV Deed of transfer bearing date 27th of June, 1906, from N C Bose to T Palit of an Indenture of Mortgage between N C Bose and————————dated the 26th March, 1903 and

Deed of further charge between T Palit and— ———aforesaid dated 7th of October 1912

Principal sum now due	Rs 1,00,000
Interest due up to the 30th September, 1912	*Nil*

Securities

All That upper roomed brick-built messuage tenement or dwelling house and godowns together with the piece or parcel of land thereunto belonging whereon or on part whereof the same is erected and built containing by actual measurement Eight cottahs Six chittaks and Twenty two square feet being the portion marked A and enclosed within red borders in the map or Plan No 8 annexed to the return of the Commissioners of Partition in Suit No 481 of 1876 and No 207 of 1883 of the High Court of Calcutta (Dutt vs Dutt) situate lying at and being premises No 28 Strand Road Block No VI Holding No 31 North Division in the Town of Calcutta paying an annual Government Revenue of Rupees sixteen annas seven and pies ten only for the entire holding and butted and bounded in the manner following, that is to say, on the North by Canning Street on the East by the land and premises belonging to Heralal Dutt and Motilal Dutta, on the South by a common passage and on the West by the Strand Road

V. Indenture of Mortgage between T Palit and— ————dated 9th September, 1909, registered at Calcutta Registry Office on the 11th September, 1909, and bearing No. 234—3, for the year 1909

Principal sum now due	Rs 30,000
Interest due up to the end of September, 1912	*Nil*

Securities.

All that piece or parcel of rent free land together with the two several messuages tenements or dwelling houses known as the premises No 6-3 Dwarkanath Tagore's Lane in Calcutta and more particularly described in the Schedule to the said Indenture and delineated in the plan annexed thereto

VI Bengali Mortgage Deed between T Palit of the one part and ——————————————, and ——————————————

of the other part dated the 10th day of May, 1910, (27 of Baisakh 1317 B S) registered at the Joint Sub-Registry Office of Alipore, bearing Reg No 1621 for 1910, as rectified by a Bengali Deed of Rectification between the said parties dated the 27th day of May, 1911, and registered at the said Sub-Registry of Alipore on the said date of the 27th day of May, 1911, bearing Reg No 288 for 1911

And

Bengali Deed of further charge between the said parties dated the 27th day of May, 1911, and registered at the said Sub-Registry of Alipore on the said 27th day of May 1911 bearing Reg No 1949 for 1911 And also another

Bengali Deed of further charge between the said parties dated the 2nd day of August, 1911, and registered at the Sudder Sub-Registry of 24 Pergannahs bearing Reg No 2224 for 1911

Principal sum now due under the above deeds	Rs 40,000
Interest due up to the end of September, 1912	*Nil*

Securities

The right, title and interest of the Mortgagors in the following properties —

(1) All Seven annas share in the premises Nos 2 and 3 Bishu Babu's Lane in Mauza Kidderpore Thana Watgunge, Sub-Registry Alipore in the District of 24 Pergunnahs together with a two-Storied brick built dwelling house standing on a portion thereof

(2) All those premises No 9 Bishu Babu's Lane aforesaid together with an one-storied brick built house standing on a portion thereof

(3) All those premises No 11 Bishu Babu's Lane aforesaid together with an one-storied and a two-storied building and a corrugated iron shed standing on portion thereof

(4) All those premises No 32 Puddopukur Street in Kidderpore

(5) All those premises No 33-1 Puddopukur Street aforesaid together with an one-storied brick built house standing on a portion thereof

(6) All those premises No 33 Puddopukur Street aforesaid together with an one storied brick built house and corrugated iron sheds standing on portions thereof

(7) All those premises Nos 33-2 and 32-1 Puddopukur Street aforesaid and commonly known as Munshi Bagan

(8) All those premises Nos 34 and 34-2 Kutri Road

The above-named seven properties being within the municipal limits of the town of Calcutta in Kidderpore Sub-Registry Alipore Pergannah Magura Thana Watgunge in the District of 24 Pergannahs

(9) All those premises commonly known as Khardah Rahara Garden containing by estimation 24 bighas more or less of Mourasi Mokrari Brahmottar land in Thana Nababgunge, Sub-Registry Barrackpur in the District of 24 Pergannahs together with garden trees, tank, jhils, ghats, and butted and bounded in the manner following, that is to say, on the North by a *kutchha* road, on the East by the garden of the late Satcowri Banerjee, on the South by a Municipal *pucca* road, and on the West partly by land belonging to the said Satcowri Banerjee and partly by a *kutchha* road

[The above properties enumerated and specified in clauses (1) to (9) are more fully described in the respective schedules to the said three Bengali Deeds aforesaid]

VII Bengali Deed of Mortgage between T Palit and —— — — —— — dated the 1st of February, 1911, and registered on the said 1st February, 1911, at the Sudder Sub-Registry of 24 Pergannahs bearing Reg No. 266 for 1911 and

Bengali Deed of further charge between the said parties dated the 29th day of June, 1911, and registered on the said 29th day of June, 1911, at the Sub-Registry Office of Alipore bearing Reg No 1806 for 1911, and also another—

Bengali Deed of further charge dated the 10th day of August, 1911, and between the parties aforesaid and registered on the said 10th day of August, 1911, at the said Alipore Sub Registry Office bearing Reg No 2315 for 1911

Principal sum now due under the above three Deeds	Rs 10,000
Interest due up to the end of September, 1912	*Nil.*

Securities

The Right, Title and Interest of the said Mortgagor in the properties hereinbefore in Clause VI enumerated and more fully and particularly described in the schedules respectively annexed to the said three Bengali Deeds

VIII Bengali Deed of Mortgage between the said T Palit of the one part and — —— —— —— and —— — — —— —— of the other part dated the 15th of May, 1912, and registered on the date at the Alipore Joint Sub-Registry Office bearing Reg No 1514 for 1912

Principal sum now due	Rs 7,000
Interest due up to the end of September, 1912	*Nil*

Securities

(1) The Right, Title and Interest of the said Mortgagor —— — —— —— —— in the properties in the said clause VI enumerated whereof the said mortgagee Bankubehari Mallik Chaudhuri was appointed the receiver

(2) All that tank known as the Munshi tank in Village Kidderpore, Thana Watgunge, Sub Registry Alipore in the District of 24 Pergannahs containing by estimation one bigha of land and bounded in the manner following, that is to say, on the North partly by the dwelling house of Bishu Babu and partly by a lane, on the South and the East by the bustee land of the late Roy Akhilchandra Mukerjee Bahadur, on the West by the bustee land of Ganeschandra Sen And—

(3) All that Land known as Chaku land in Mahalpura Mouza Kitgunge Pergannah Chail, Thana Kitgunge, Sub-Registry Allahabad in the District of Allahabad containing by estimation one bigha of land and bounded in the manner following, that is to say, on the North and East by a public lane, on the South by the *Bhat Batees* of Ram Dutt Sukul and Golam Hossain and on the West partly by the dwelling house of Golam Hossain, Jadu Noonia, Dadu Noonia and partly by the land belonging to Madhab Pathak and Kanai Bania

[All the above properties are fully and particularly described in the schedules to the said Bengali deed]

IX Indenture of Mortgage between T Palit and — ——— — ——— and dated 22nd day of April, 1912 and registered on the same date at the Calcutta Registry Office bearing Reg No 914 for 1912 And an—

Indenture of further charge continued on the above Indenture between the said parties dated the 29th day of June, 1912, and registered on the same date at the said Calcutta Registry Office bearing Reg No 1485 for 1912

Principal sum now due on said two Indentures	Rs 10,000
Interest due thereon up to the end of September 1912	250

Securities

All that upper roomed brick built messuage or dwelling house together with piece or parcel of land or ground thereto belonging or on the part whereof the same is erected and built containing as per Collectorate Pottah thereof two bighas ten cottahs one chittack and thirty-three square feet of land more or less known as No 26, (formerly No 15) Camac Street being Holding No 32, Block No XI in the Southern Division of the town of Calcutta and more fully and particularly described in the said two Indentures aforesaid

Witness
N C BOSE

(Sd) T PALIT
„ ASUTOSH MOOKERJEE
„ S K MULLICK

SCHEDULE D.

Equitable Mortgages.

1 Equitable Mortgage by B L Gupta and S C Gupta in favour of T Palit

Principal sum now due	Rs 18,500
Interest due up to 30th September, 1912	Rs 92-8

Securities

(*a*) Promissory Note dated the 7th April, 1910, executed by B L Gupta and S C Gupta in favour of T Palit for 21,000

(*b*) All that piece or parcel of land or ground containing by estimation one bigha eleven cottahs being premises No 9 and portion of No 9-1, Lower Rawdon Street in Ballygunge Thana Ballygunge, Sub-Registry Alipore and butted and bounded in manner following, that is to say, on the North by a private road, on the East by the land belonging to Mr S R Das, on the South partly by a Private road and partly by premises Nos 22 and 23 Rowland Road and on the West by

Lower Rawdon Street and delineated in the map or plan annexed to the conveyance from Arthur Clayton Dulcken to B L Gupta dated the 28th of September, 1908

Equitable Mortgage by Sreemati Indumati Debi and Probodh Chandra Chatterjee in favour of T Palit

Principal sum now due	Rs 500
Interest due up to 30th September 1912	*Nil*

Securities

(*a*) Promissory Note dated the 16th March, 1912, executed by Sreemati Indumati Debi and Probodh Chandra Chatterjee in favour of T Palit for Rs 500

(*b*) All that one storied brick built dwelling house hereditaments and premises together with the piece or parcel of land thereunto belonging and on part whereof the same is erected and built containing by estimation 1 cottah 5 chattacks 35 square feet and 6 inches being premises No 32 3 Beadon Street in Calcutta, butted and bounded in manner following, that is to say, on the North and West by the house of Nundolal Bhattacharyya, on the East by a drain and thereafter by the house of Bhubanmohan Ghose and on the South by Beadon Street

Equitable Mortgage by Niharan Mondal, Satyacharan Modal, Fatikchandra Mondal and Amulyaratan Mondal

Principal sum now due	Rs 45,000
Interest due up to 30th September, 1912	,, 3,600

but not realisable as the mortgagors have been adjudicated insolvents

Securities

(*a*) Promissory Note dated the 10th January, 1911, for Rs 34,000, executed by Niharan Mondal and others in favour of T Palit

(*b*) Promissory Note dated the 15th of February 1911, for Rs 12,000, executed by Niratan Mondal and others in favour of T Palit

(*c*) The premises No 6 Jagannath Sircar's Lane in Kidderpore butted and bounded in manner following, that is to say on the North by Jagannath Sircar's Lane, on the East by Niharan Mondal and others' land being premises Nos 6-1, 7 and 7-1, Jagannath Sircar's Lane, on the south by Jibanhari Mukerjee's House and on the West partly by premises No 23 Garhari Road partly by premises No 22 Garhari Road and partly by premises No 21 Garhari Road

(*d*) The premises Nos 26 and 27 Garhari Road in Kidderpore butted and bounded in the manner following, *viz*, on the North partly by Debendranath Mukerjee's Lane and partly by the premises No. 29 Garhari Road, on the West by Garhari Road, on the South by premises No 25 Garhari Road and on the East partly by premises No 41-1 Watgunj Road and partly by premises No 26-1 Garhari Road

(*e*) The premises No 4 Jagannath Sircar's Lane in Kidderpore butted and bounded in the manner following, *viz*, on the North by premises No 41-1, Watgunj Road, on the East by premises No 3 Jagannath Sircar's Lane, on the South by Jagannath Sircar's Lane and on the West by premises No 5 Jagannath Sircar's Lane

(*f*) The premises No 27 Nazir Mahomed Ghat Manjhi's Lane in Kidderpore butted and bounded in the manner following, that is to say, on the North by a Lane and premises No 28 Nazir Mahomed Ghat Manjhi's Lane on the East partly by premises No 28 Nazir Mahomed Ghat Manjhi's Lane and partly

by premises No 26 Nazir Mahomed Ghat Manjhi's Lane and on the West by a Lane

(*g*) The premises No, 74 74-1 and 75 Manshatala Lane in Kidderpur butted and bounded in manner following, that is to say, on the North by premises No 75-1 Manshatala Lane, on the East by a lane and premises No 16 Manshatala Lane and on the West by premises No 76 and 77-1 Manshatala Lane

(*h*) The premises Nos 12 12-1, 13 and 13-1 Koyla Sarak Road in Kidderpur butted and bounded in manne following, that is to say, on the North by premises Nos 14-1 and 14 Koyla Sarak Road on the East by Koyla Sarak Road, on the south partly by Koyla Sarak Road and partly by the Bustee Road leading to Bhukailas Road and on the West by premises No 11-2 Koyla Sarak Road

(*i*) The Right, Title and Interest of the mortgagors aforesaid in the premises No 19 Manshatala Lane in Kidderpur butted and bounded in manner following that is to say on the North by the *pucca* wall of the house of Akhoykumar Karmakar deceased on the East by the house of Ram Chandra Chakrabarti and others, on the South by Manshatala Lane and on the West by the house of Akhoykumar Karmakar deceased

(*j*) The Right, title and Interest of the mortgagors aforesaid in the premises No 6 Ashu Babu's Lane in Kidderpur being butted and bounded in manner following, that is to say on the North by Ashu Babu's Lane, on the South by the house and land of Gopal Jew Thakur, on the East by the house of Boykunto Ganguli and on the West by the land of Probodhchandra Banerjee and others

All the aforesaid properties from (*c*) to (*j*) are situated in the district of 24-Pergannahs, Registration Office Alipur Thana Watgunge

Witness

N C Bose

Sd T Palit

,, Asutosh Mookerjee

,, S K Mullick

Presented for Registration between the Hours of 2 and 3 P M on the 14th day of October, 1912, at the Calcutta Registry Office by Pramathachandra Kar, son of the late Rai Hemchandra Kar, Bahadur, of No 12 Old Post Office Street, Calcutta, by caste Kayastha, by occupation Solicitor, as agent for Taraknath Palit under a General Power of Attorney No 1 0 for 1904, executed in the presence of the special Sub-Registrar of Alipur

Sd P C KAR

Sd KRIPANATH DUTT

Dist Registrar of Assurances, Calcutta

14 10-12

Execution is admitted by the above Pramathachandra Kar, under power cited above, who is personally known to me

Sd P C KAR

Sd KRIPANATH DUTT

Dist Registrar of Assurances, Calcutta

14-10-12.

Execution is admitted by the Hon'ble Justice Sir Asutosh Mookerjee, Kt, Vice-Chancellor, Calcutta University, who is personally known to me.

Sd ASUTOSH MOOKERJEE

„ KRIPANATH DUTT

Dist Registrar of Assurance, Calcutta

15-10-12

Execution is admitted by Sisirkumar Mullick, son of the late Atullachandra Mullick, of No 3 Old Ballygunge Road, Suburb of Calcutta, Bar at-Law, who is identified by Pratapnath Sen of No 10 Hastings Street, Calcutta, articled clerk to Mr N C Bose, Solicitor

Sd PRATAPNATH SEN

Sd S K MULLICK

„ KRIPANATH DUTT

Dist. Registrar of Assurance, Calcutta

15-10-12

8

PROFESSORSHIP OF COMPARATIVE PHILOLOGY

In order to provide for the teaching of Comparative Philology, the Senate at their meeting held on the 15th of July, 1913, unanimously accepted the recommendation of the Syndicate that a Professorship of Comparative Philology be established and that the first appointment be made for a term of three years on a salary of Rs 600 a month In accordance with sections 1 and 10, Chapter IX of the University Regulations, the above proposal which was submitted to the Governor General in Council, received the sanction of the Government of India on the 21st of August, 1913

PROFESSORS

1913-15 Dr Otto Strauss, Ph D

1917-20, 1920-27 } Dr Irach Jehangir Sorabji Taraporewala, B.A, Ph D

9—14.

Sir Rash Behary Ghose Professorship of Applied Mathematics, Physics, Chemistry and Botany

On the 8th of August, 1913, Sir Rash Behary Ghose, Kt, C S I, C I E, M A D L., Ph D, offered to place at the disposal of the Calcutta University the munificent sum of Ten lakhs of Rupees for the promotion of Scientific and Technical Education and for the Cultivation and Advancement of Science, Pure and Applied, amongst his countrymen by and through indigenous agency, on the conditions, stated in the following letter

46 Thiyatri Road,
CALCUTTA
The 8th August, 1913

My Dear Sir Asutosh,

For some time past, it has been my desire to place at the disposal of my University a substantial sum for the promotion of Scientific and Technical Education and for the Cultivation and Advancement of Science, Pure and Applied, amongst my countrymen by and through indigenous agency. I have now decided to make over to the University a sum of ten lakhs of Rupees, in furtherance of the University College of Science, as projected by you with the sanction of the Senate, and my gift to the University will be made on the following conditions —

First —That the sum be invested in such approved securities as would produce an income, whenever practicable of four per cent per annum.

Second —That four University Professorships or Chairs be established, one for each of the following subjects —

(*a*) Applied Mathematics.
(*b*) Physics.
(*c*) Chemistry.
(*d*) Botany, with special reference to Agriculture.

Third —That the Chairs mentioned be always filled by Indians (that is persons born of Indian parents as contra-distinguished from persons who are called Statutory Natives of India).

Fourth —That the salary of each Professor be as nearly as possible, a sum of six thousand rupees annually to be paid out of the income of the fund, but that it be open to the Senate to supplement such sum from the University or other funds at their disposal from time to time.

Fifth —That the appointments to the Chairs be made by the Senate upon the nomination of the Board to be constituted as stated hereinafter, and the power of removal of Professors by the Senate, if occasion should ever arise, be exercised only after the matter has been considered by the said Board.

Sixth — That every person elected to one of these Chairs, whether he has been educated in this country or elsewhere may, in the discretion of the Senate be required, before he enters upon the execution of the duties of his office, to receive special training, during a period of not less than one year and not more than two years, under specialists in Europe, America, Japan or such other place outside India as the Senate may, in each instance upon the recommendation of the Board, determine, and that during such period the Professor-elect be paid, from the income of the fund, such allowance as the Senate may, upon the recommendation of the Board, determine, so as to enable him to receive a thorough theoretical and practical training in his special subject.

Seventh - That it be the duty of each Professor —

(*a*) to carry on original research in his special subject with a view to extend the bounds of knowledge and to improve by the application of his researches, the Arts, Industries, Manufactures and Agriculture of this country.

(*b*) to stimulate and guide research by advanced students, and generally, to assist them in Post-graduate work, so as to foster the growth of real learning amongst our young men.

Eighth —That eight studentships be founded, each of the annual value of nine hundred rupees, to be paid out of the income of the fund, that such studentships be annually awarded by the Syndicate, on the recommendation of the Board, to distinguished graduates who have taken the Degree of Master in the Faculty of Arts or the Faculty of Science, and that two Students be attached to each Professor, to carry on investigation under his guidance and generally to assist him in his work of original research

Ninth —That a graduate who has been elected a Student for any year be eligible for re election, if his work has been satisfactory, and the Senate may, in their discretion, supplement the stipend payable to any Student, from the University or other funds at their disposal provided, nevertheless, that a graduate elected to one of those studentships shall devote himself exclusively to research in his special subject, and shall not, so long as he holds the studentship engage in the study of Law or any other branch or professional knowledge.

Tenth —That, subject to the general principles outlined above, the mode of appointment of Professors, the terms and conditions under which they are to hold office, and the manner in which they are to discharge their duties, as also the conditions on which the studentships shall be awarded, retained, and renewed, be determined by Rules to be framed by the Senate in that behalf, from time to time, upon the recommendation of the Board

Eleventh That the Senate do, on the recommendation of the Board, make adequate provision for Laboratories Museums, Workshops, Appliances and all other requisites, essential for the due discharge of their duties by the Professors and for original investigation by the Professors and the Students attached to them

Twelfth - That whatever balance may remain out of the annual income of the fund, after payment of the salaries and allowances of the Professors and the stipends of the Research Students, as provided above, be on the recommendation of the Board, applied in the equipment and maintenance of the Laboratories and Museums, in so far as such equipment and maintenance may be necessary for the accomplishment of the work undertaken by the Professors, the Students attached to them, and other advanced pupils, if any

Thirteenth —That the Board mentioned above do consist of the following persons, namely :—

1 The Vice-Chancellor of the University as *President, Ex-officio*

2 The Director of Public Instruction, Bengal.

3 The Dean of the Faculty of Science of the University.

4 The Dean of the Faculty of Engineering of the University

5-8 The Professors of Applied Mathematics, Physics, Chemistry and Botany (appointed as provided above)

9 12 Four members of the University, to be annually elected by the Senate two of whom, at least, shall be representatives of Calcutta Colleges under Indian management, affiliated in Science to the University

13-15 The nominees of the Founder, namely—

(*a*) The Hon ble Justice Sir Asutosh Mookerjee, Kt, C S.I, M A D Sc. D L, Ph D, F R A S, F.R S E, F A S.B.

(*b*) Professor Prafullachandra Ray, C I.E., D.Sc., Ph D, F.C S.

(*c*) The Hon ble Babu Mahendranath Ray, C I E, M A, B L

These nominees of the Founder are and each of them is authorised to nominate his or their successor or successors, and the power of nominating a successor or successors shall be inherent in every original or derivative nominee of the Founder.

The proceedings of the Board so constituted shall be laid before and may be revised by the Syndicate

This is an outline of the scheme I have in my mind, and I trust you will exert yourself to the utmost so that my long cherished ambition to promote Scientific and Technical Education amongst my countrymen may be speedily realised As soon as you send me intimation that the Senate is willing to accept the proposed gift on the conditions mentioned, I shall send you a cheque for ten lakhs of Rupees

Believe me,
Yours Sincerely,
RASHBEHARY GHOSE

The princely gift was gratefully accepted by the Senate at a special meeting held on the 16th of August, 1913, on the conditions specified by the donor.

The following four members have been elected by the Senate to act on the Board of Management of Sir Rashbehary Ghosh Endowment, for the year 1920-21 —

H C Maitra, Esq, M A
G C Bose, Esq, M A, M R A S
S C Mahalanobis, Esq B Sc, F R S E
J C Ghosh, Esq, M A

On the recommendation of the Syndicate, the following proposals, made by the Board of Management of Sir Rashbehary Ghose Endowment regarding the duties and tenure of appointment of Sir Rashbehary Ghose Professors were adopted by the Senate at the meeting held on the 30th January, 1914 —

I That the duties of each of the Professors be specified as follows —

(*a*) To devote himself to original research in the subject in which he has been appointed, with a view to extend the bounds of knowledge

(*b*) To stimulate and guide research by advanced students in his special subject in the University College of Science and generally to assist such student in Post graduate study and research

(*c*) To superintend the formation and maintenance of the Laboratory of the College of Science in his own subject

II That the Professors be appointed subject to the following conditions —

(*a*) The monthly salaries of the Professors shall be as follows

	Rs
Sir Rashbehary Ghose Professor of Applied Mathematics	600
,, ,, ,, of Chemistry	500
,, ,, ,, of Physics	500
,, ,, ,, of Botany	500

(2) Each Professor shall be a whole-time officer of the University College of Science and shall not, without the special sanction of the Board of Management and of the Senate previously obtained, hold any other office to which any salary, emolument or honorarium is attached

(3) The appointment shall be permanent in the cases of the Professor of Applied Mathematics and the Professor of Chemistry and shall be for a term of seven years in the cases of the Professor of Physics and the Professor of Botany No Professor shall be liable to loss of or removal from office or to

reduction of the emolument attached thereto on any ground whatsoever, subject, however, to the following provisos —

(*a*) A Professor shall vacate his office upon completion of the sixtieth year of his age, unless, upon the recommendation of the Board of Management, the Senate is satisfied that his services should, in the interests of research, be still retained by the University and, in such event, the Senate may, on the recommendation of the Board of Management, sanction his retention for such period as may be determined

(*b*) A Professor may voluntarily resign his appointment at any time upon not less than six months' notice given by him in writing to the Board of Management

(*c*) A Professor, on retirement on the ground of *either* attainment of age or of proved ill-health, will be entitled to receive a gratuity of one month's pay for each completed year's tenure of appointment, but such gratuity shall in no case exceed a maximum limit of eighteen month's salary

(*d*) A Professor shall be liable to removal by the Senate on the ground of misconduct or neglect of duty if a recommendation to that effect is made by the Board of management after a full enquiry into specific charges brought against him, provided that, at such enquiry, the Professor concerned shall be allowed adequate opportunity to defend himself

(*e*) Every Professor shall be eligible for the privilege of the regular academic vacations. In the event of a Professor requiring leave on account of duly certified ill-health or on urgent private affairs in addition to the period of the regular academic vacations, the Senate may, on the recommendation of the Board of Management grant leave on conditions analogous to those prescribed in the Civil Service Regulations for officers in the Indian Educational Service

In accordance with the terms of Sir Rashbehary Ghose Endowment, the Senate have appointed following Professors —

Sir Rashbehary Ghose Professor of Applied Mathematics

Dr Ganesh Prosad, M A, D Sc (Appointed in 1914)

Dr Sudhansukumar Banerjee, M Sc, D Sc (Appointed in 1919)

Sir Rashbehary Ghose Professor of Physics

Dr Debendramohan Basu, M A, B Sc, P R S (Appointed in 1914)

Sir Rashbehary Ghose Professor of Chemistry

Dr Praphullachandra Mitter, M A, Ph D (Appointed in 1914)

Sir Rashbehary Ghose Professor of Botany

Mr S P Agharkar, M A (Appointed in 1914)

Sir Rash Behary Ghose Professorship of Applied Chemistry and Applied Physics

On the 22nd of December, 1919, Sir Rash Behary Ghose, Kt, C.S.I, C I E, M A, D L, Ph D, offered to place at the disposal of the Calcutta University the further sum of eleven lakhs and forty three thousands of Rupees to be applied exclusively for purposes of technological instruction and research, on the conditions, stated in the following letter:—

"SANS SOUCI"

ALIPORE, CALCUTTA,

The 2nd December, 1919

THE HON'BLE SIR NILRATAN SIRCAR, KT., M.A., M.D.

Vice-Chancellor of the Calcutta University

DEAR SIR

About six years ago I made over to the University ten lakhs of rupees in aid of the University College of Science for the promotion of Scientific and Technical Education and for the cultivation and advancement of Science, Pure and Applied, amongst my countrymen. I understand that although that sum has enabled the University to arrange for instruction and research in Pure Science, University has not been able from lack of funds, to make a similar advance in Applied Science. I have accordingly decided to place at the disposal of the University a further sum, namely three and a half per cent. Government Securities for Rs. 11,43,000, which will produce an annual income of Rs. 40,005, to be applied exclusively for purposes of technological instruction and research. This sum will be held by the University as an integral part of the original gift, and all the conditions mentioned in my letter of the 8th August, 1913, shall apply, subject to the following modifications:

First. That two new University Professorships or Chairs (in all respects subject to the same conditions as mentioned in my letter of the 8th August, 1913) be established, one for each of the following subjects:

(*e*) Applied Chemistry.

(*f*) Applied Physics.

Note.—By 'Applied Chemistry' I mean one or more of the following subjects, as suggested in the report of the Calcutta University Commission:

Color Chemistry, preparation of dyes, drugs and photographic chemicals, tanning, fermentation, gas and coal-tar industries and oil industry,

or such other subject or subjects as may from time to time be determined by the Board of Management.

By 'Applied Physics' I mean one or more of the following subjects as suggested in the report of the Calcutta University Commission:

Electrotechnology, applied thermodynamics and the standardisation of instruments,

or such other subject or subjects as may from time to time be determined by the Board of Management.

Secondly. That four additional studentships (in all respects like those mentioned in my letter of the 8th August, 1913) be established, to such students to be attached to each of the Professors mentioned above.

Thirdly. That the balance which will remain out of the annual income of the fund, which is likely to exceed Rs. 24000, after payment of the salaries of the Professors and studentships, should be applied to the equipment and maintenance of the necessary Laboratories, Museums and Workshops, the adequate provision for which is absolutely necessary, and for which sufficient money might not be available from other funds at the disposal of the University.

Fourthly. That the Board of Management do include the Professors of Applied Chemistry and Applied Physics in the same way as the other four Professors mentioned in my letter of the 8th August, 1913.

On receipt of intimation that the Senate has accepted my offer, I shall arrange for the transfer of the securities to the University

Yours truly,

RASHBEHARY GHOSE

The princely gift was thankfully accepted by the Senate at their meeting held on the 3rd January, 1920, on the conditions specified by the donor

In accordance with the term of Sir Rash Behary Ghose Endowment the Senate h pp inted the following Profe rs —

Sir R Be Ghose P ess d Chem y

Dr Hemendr Nath Sen M.A D S appointed in 192

Sir Rash Behary Ghose Professor of Applied Physics

Dr Phanindranath Ghosh, M A , Ph D , (appointed in 1920)

15-16.

UNIVERSITY PROFESSORSHIPS OF ENGLISH

In view of the importance and popularity of English as a branch of study for Post-Graduate students and the extent of the course prescribed in the subject, it has been found necessary to establish two Professorships in English On the recommendation of the Syndicate, the Senate accordingly submitted a proposal to Government of India for founding two Professorships in English in the University and recommended that Dr H Stephen M A , D D , and Mr Robert Knox, M A be appointed as the first incumbents The proposal received the sanction of the Government of India

PROFESSORS

1914-20 Dr H Stephen, M A , D D

1914-19 Robert Knox, Esq , M A

V

University Lectureship.

1

STEPHANOS NIRMALENDU GHOSH LECTURESHIP

In August, 1919, Mr G C Ghosh of 2, Simla Street, Calcutta, made over to the University 3½ per cent Government Promissory Notes for one lac of rupees for the institution, in memory of his son, of a course of lectures on Comparative Religion to be delivered before the University of Calcutta according to appointment made at stated intervals of not more than three years, the lecturer to be appointed after advertisement in the celebrated Universities of the world The donor stated that his desire was that the lecturer should, in dealing with the subjects of his lectures, endeavour to show that the highest ideal for man lay in love and service to his fellowmen according to the essence of the teaching and life of Christ, and that life lived under the guidance of this ideal constituted the highest advancement of human personality, the acceptance of a particular creed or dogma being of subordinate importance

From G C Ghosh, Esq., 2, Simla Street, Calcutta, to the Vice-Chancellor Calcutta University, Calcutta, dated the 10th March, 1919

I am desirous of making over to the University of Calcutta 3½% G P Notes for one lac of rupees for the following purpose —

The University is to appoint an eminent Savan by advertising to the celebrated Universities of the world to deliver a series of lectures in Comparative Theology quinquennially in the cold season in Calcutta to be called "Stephanos Nirmalendu Ghosh Lectures, whose remuneration will be paid from the 4 years' accumulated income from the above described Securities, after deducting from it the approximate cost of printing about 1000 copies of his Lectures

By a previous arrangement by the Calcutta University with the Lecturer, if he kindly so agrees and one or two other Universities in India so desire, he may deliver such lectures also in other places in India

It is my desire that in dealing with the subjects of his Lectures it will be the aim of the Lecturer to show that the highest ideal for man is in unselfish love and service to his fellow man which is the essence of the teachings of Christ

I shall be glad if my offer is accepted.

From G C Ghosh, Esq., 2, Simla Street, Calcutta to the Vice Chancellor, Calcutta University Calcutta, dated the 11th March, 1919

In continuation of my letter to you on the 10th instant regarding the foundation of lectures in Comparative Theology by me quinquennially in Calcutta, I desire to say for removal of any ambiguity that the lectures to be arranged by your University to be delivered in other places shall be after such lectures have been first delivered in Calcutta every time

From G C Ghosh, Esq 2 Simla Street Calcutta, to the Vice-Chancellor, Calcutta University, Calcutta, dated the 28th April, 1919

With reference to my previous correspondence regarding the Lectureship on Comparative Theology founded by me, I have the honour to request you to consider this letter as a part of the same for the future guidance of the University and the Lecturers to be appointed under the scheme

(1) If the University thinks that quinquennial lectures would make the intervals too long for effect and that three years' income from the Endowment will be adequate for securing the service of the Lecturer, the lectures may be given quaternially and the three years' accummulated income may be availed of, instead of four years' as stated in my first letter

(2) I think it would be well under the circumstances if Rs 1,000 or so be spent towards the publication of the lectures, instead of having a thousand copies of them published as suggested in my first letter, as I consider the latter measure would mean too much expense in view of the increased cost of paper and printing

(3) As I have stated in my first letter I beg to state, in order to be more explicit, that my object is to show the young men of my country that it is not meant that man's eternal welfare should depend upon any belief, the interpretation of a particular text or the acceptance of a religious creed, but that he is required to love and serve his fellow beings whereby he would be able to live the life that is required of him by God It is found that centuries of schools of thought and religious discussions have resulted only in hatred and persecution of those who have sincerely differed from the views dominant at the time, instead of producing love and sacrifice which only are acceptable offerings to God

(4) My object is not to show the superiority of a particular religion but to show that in the dealing out of man's unselfish love and service to man, *i e*, in living the religion of love constitutes the highest advancement of his personality

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From G C Ghosh Esq, 2 Simla Street, Calcutta, to the Registrar, Calcutta University, Calcutta, dated the 5th August, 1919

"I have the honour to acknowledge the receipt of your letter dated the 2nd instant intimating to me that my offer of one lac of rupees for founding a Lectureship on Comparative Theology to be called "The Stephanos Nirmalendu Ghosh Lectures" has been accepted by your University, and that any suggestions that I might make in its connection your University would like them into consideration and that one lac of rupees in Government Promissory Notes might now be sent by me to the University

(1) I am glad that your University is willing to let the Lectures be founded by me on the conditions stated in my first letter and I am grateful for its acceptance of the suggestions made by me in my letter of the 28th April last and that it is willing to take any further suggestions that I would like to make about them

(2) If the University will make the Lectures quaternial as has been desired by me in my letter of the 28th April last, the lectures for the first time will be delivered in the Winter of 1922, and the interest of the Government Promissory Notes for 1919, 1920 and 1921 will be used to meet the expenses of the same

(3) I trust your University will be so good as to arrange for all things I have desired in connection with the Lectures before they are delivered in Calcutta and elsewhere

(4) It is my wish the lectures should be delivered in a central academic place where a large audience is expected to gather by previous notifications in public places and in two public prints for the information of the Mofussil people

( ) I think it would be well if the delivery of the lectures be inaugurated and opened every year by a distinguished gentleman

(6) I think it would be well also if some University authority will kindly be present during the delivery of the lectures till their end to keep order at the place

(7) I shall be obliged if you will inform me to whom I shall endorse over and deliver the Government Promissory Notes

(8) I shall be grateful if I be supplied with the abstracts of deliberations of the University about my endowment from time to time

(9) In conclusion I beg to suggest for the consideration of the Lecturer that my object is (*a*) to help the moral and spiritual advancement of my countrymen by helping the unfoldment of the Divinity in them which is calculated to make them truly happy, (*b*) that the Lecturer will aim to show that excepting the fundamental truths of the Godhead and its attributes *viz*, Love, Wisdom, etc, which are acknowledged by all civilized men, creeds, dogmas cannons etc, of the religions past and present which were necessary in the time of their first promulgation have no permanent value, just as in all living organisms we find elimination of the old and decayed cells is incessantly going on and newer cells are coming forth for the formation of newer bodies So it may be proper to think that God's revelation was not closed in the past when the creeds, etc, were fixed, and so if the fountain of revelation has not dried up they should not be made to hinder the reign of an ever higher conscience in human mind if a religion is to be taken as an institution having a form of life within it So the true and lasting form of religion will be based upon the inner supremacy of reason purified by revelation above any external authority dogma, etc, which are inadequate to sustain a feeling of obligation

Although I venture to make these my humble suggestions, I do not like to make them binding upon my Lecturer who I trust will be a Godfilled man and knowing his duties well

The generous offer of Mr Ghosh was thankfully accepted by the Senate at their meeting held on the 29th March 1919

The following rules were adopted by the Senate at their meeting held on the 27th September 1919

(1) (*a*) That a course of lectures on Comparative Religion be delivered in English once in every three years,

(*b*) that the Course to consist ordinarily of eight lectures, and be delivered not more than twice a week

(2) That the honorarium of the lecturer be Rs. 9,000

(3) That the copyright in the lectures do vest in the University

(4) (*a*) That the cost of publication of an edition (consisting ordinarily of 500 copies) be paid by the University, (*b*) that of the sum required for this purpose, Rs. 1,000 be paid out of the endowment fund, and the balance if any be paid out of the general funds of the University, and (*c*) that the sale proceeds be placed to the credit of the endowment fund

(5) That the first course of lectures be delivered during the cold weather of the session 1921-22

(6) That applications be invited by public advertisement in the principal Indian, British, Colonial American and Continental Universities, selected Theological Colleges not connected with Universities and selected newspapers

(7) That the advertisement do state that applicants are expected to send a brief syllabus indicating the scope of the lectures proposed to be delivered.

(8) That, on each occasion, the advertisement be issued at least two years and a half before time fixed for the delivery of the lectures and candidates be required to submit their applications on or before a prescribed date at least one and a half years previous to such time

(9) That a Committee of five members be appointed by the Senate in each instance to report on the applications received

(10) That it be a condition of appointment of each lecturer that he will deliver to the University a complete copy of his lectures within one month after their delivery

(11) That the Senate be at liberty to invite at any time an eminent scholar to accept the lectureship even though he may not have applied

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2

ADHARCHANDRA MOOKERJEE LECTURESHIP

Mr Adharchandra Mookerjee, M A, B.L. placed in the hands of the Hon ble Sir Asutosh Mookerjee, Kt, C S I., President of the Councils of Post-Graduate Teaching in Arts and Science, G P Notes amounting to Rs 8,000 for promotion of Post-Graduate Teaching in this University on the following conditions

1 That a Lectureship be instituted for the delivery of a course of two lectures annually, by a distinguished scholar, on a selected subject connected with Letters or Science

2 That the subject be so chosen as to represent these two departments alternately

3 That the Lectures and the subject be selected by the Post Graduate Council in Arts or Science as the case may be

4 That the lectures be publicly delivered at the Senate House and be printed and published as soon as possible after delivery

5 That the honorarium payable to the Lecturer be the income of the Fund for the year together with such supplementary sum, if any, as the Senate may from time to time direct

6 That the names of the Lecturers and their subjects be published in the University Calendar

The Senate at its meeting of the 23rd November, 1918 accepted the gift with thanks and the Lectureship was named "Adharchandra Mookerjee Lectureship after the Founder

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3

RAJA KIRTYANAND SINHA BAHADUR AND KUMAR KALIKANAND SINHA LECTURESHIP

Kumar Ganganand Sinha, B A. offered to pay Rs 1,200 annually for maintaining Maithili chair in the University for the promotion of study of

Maithili with special reference to research, for at least five years in case it was created with the money offered by his uncles the Hon'ble Raja Kirtyanand Sinha Bahadur, B A of Benaili and Kumar Kalikanand Sinha of Srinagar

The offer was thankfully accepted by senate at their Meeting held on the 23rd August

Raj Benaili Lecturer

1919-21. Pandit Khuddi Jha

4

LANKANATH CHAUDHURI LECTURESHIP

Mr Lankanath Chaudhuri, Zamindar, Maldwar Estate offered to pay Rs 1,200 annually for 3 years as pay of a Lecturer in *Maithil.*

The offer was thankfully accepted by the senate at their Meeting held on the 23rd August 1919

Lecturer

1919-21 Sing Mr Gangapat, B A

5

GOPALDAS CHAUDHURI LECTURESHIP

Mr Gopaldas Chaudhuri of 32, Beadon Row, Calcutta offered to pay Rs 1,200 annually for the maintenance of a Lectureship in Bengali for a term of 3 years

The offer was thankfully accepted by the senate at their meeting held on the 29th September 1919

Lecturer.

1919-21 Guha, Mr Abhaykumar, M A, B L

6

G D BIRLA HINDI LECTURESHIP

In September, 1919, Mr G D Birla, on the representation of Pandit Madhav Mista, made over to the University a sum of Rs 15,000 for including Hindi as a Principal Indian Vernacular in the curriculum of the University for the Degree of Master of Arts

The Senate accepted the gift with thanks at their Meeting held on the 20th September, 1919

7

MAHARAJA SRI SIR BIRAMITRODAYA SINGDEO DHARMANIDHI, LECTURESHIP

Maharaja Sri Sir Biramitrodaya Sing Deo Dharmanidhi, K C I E, Feudatory chief, Sonepur State, Orissa, offered to pay Rs 150 per month for a period of 3 years commencing with the 1st day of June, 1920 for maintaining a chair for the lectureship on the Oriya language

The senate at their meeting held on the 24th April 1920 accepted the gift with thanks

VI

University Readerships.

Chapter X of the University Regulations enjoins the provision of special courses of lectures on particular subjects mainly intended for the benefit of graduates engaged in research work or of those who wish to prosecute special studies. The lecturers delivering such courses of lectures are called University Readers.

UNIVERSITY READERS

	Name	Subject.
1908	Dr G Thibaut C I E, Ph D D Sc	The Astronomies of the Ancient Oriental Nations, with special reference to India
,,	Sir T H Holland, K C I E, D Sc, F R S, F G S, A R C S	The General Geology of India
,,	Professor A Schuster, D Sc, F R S	The Progress of Physics during the last 30 years
1909	Babu Dineschandra Sen, B A	The History of the Bengali Language and Literature from the earliest times down to the middle of the 19th century
,,	Professor R Pischel, Ph D	The Philology of the Prakrit Language
,,	Dr G T Walker, M A, D Sc, F R S	Electric-Magnetic Field
1910	Dr Brajendranath Seal, M A, Ph D	Indian Logic
*,,	Dr F Block, Ph D	Early Indian History
,,	Dr C E Cullis, M A, Ph D	Determinoids an extension of the theory of Determinants
1911	Rev S Yama Kami	Systematic Buddhism
1912	Dr D N Mallik, B A, Sc D F.R S E	Physics
1913	Dr A R Forsyth, F R S	The Theory of Functions of two Complex Variables
,,	Professor H Oldenberg, Ph D	Method of Western Scholarship in the Field of Ancient Indian Research
	Rev S Yama Kami	Ancient India, as depicted in the writings of the Chinese Pilgrims
,,	Professor J N Dasgupta, B A (Oxon)	Bengal in the Sixteenth Century
,,	Professor G Findlay Shirras, M A	Some recent developments in Indian Currency
,,	Professor Hermann Jacobi, Ph D	The Theory of Indian Alankar
,,	Professor S R Bhandarkar, M A	Introduction to the study of Indian Epigraphy

* Lecture not delivered

1913	Professor Paul Vinogradoff, Ph D, LL D, D C L, F B A	Kinship in Early Law
,,	Rai Saheb Dinesh Chandra Sen, B A	Vaishnab Literature of Mediæval Bengal
*,,	Professor Sylvain Levi	The World around India India's Intercourse in ancient times with her neighbours Greece, Persia, Central Asia, China, Thibet and Indo-China
1914	Professor J N Das Gupta, B A (Oxon),	India in the Seventeenth Century as depicted by European travellers and foreign observers
*	Professor Herbert Hall Turner, D Sc, D C L, F R S, F R A S	Pure Mathematics
*	Professor Earnest William Brown, M A, D Sc, F R S	Applied Mathematics
	Professor Henry Edward Armstrong, Ph D, LL D, F R S	Chemistry
*	Professor William Mitchinson Hicks, M A, D Sc, F R S	Physics
*	Professor William Bateson, M.A, F R S	Biology
1919	Professor A Foucher	The influence of Indian civilisation in Cambodia and Java (illustrated by lantern slides)
,,	Mr R Shama Shastri, B A, M R A S	Indian Polity during the Vedic and Budhhistic Periods
,,	Mr L F Rushbrook Williams, B A, B Litt. (Oxon)	The Military organisation of the Moguls
,	Mr S. Krishnaswami Ayyangar, M A,	The contribution of Southern India to culture and civilisation in ancient and mediæval times
,	Professor Hakuju U	The development of the six systems of Hindu Philosophy
,,	Mr L K Anantha Krishna Iyer, B A	Indian Ethnography
*,,	Dr G C Simpson, D Sc, F R S	Problems in Meteorology

* Lectures not delivered

VII

Travelling Fellowships

I The Syndicate shall annually set apart from the Fee Fund a sum of Rs 3,000 for the maintenance of a Travelling Fellowship

II A Travelling Fellowship of the value of Rs 3,000, tenable for one year shall be awarded in 1914 and the four following years The Travelling Fellowship will be allocated successively to the Faculties of Arts, Science, Law, Medicine and Engineering If in any year, there is no suitable candidate for the Travelling Fellowship in the particular Faculty concerned it may be placed at the disposal of one of the other Faculties

III The Fellowship shall be open to—

(*a*) all persons who have been at any time admitted to a Degree in the University of Calcutta,

(*b*) all persons who have been at any time a Fellow of the University, Honorary or Ordinary, or an Added Member of a Faculty

(*c*) all persons who have at any time held the office of a Professor, Assistant Professor, Reader or Lecturer in the University,

IV The Travelling Fellows shall be elected by the Senate on the recommendation of the Syndicate, who are empowered to invite applications and frame rules in this behalf

V Each candidate for a Travelling Fellowship shall satisfy the Syndicate as to his general ability to profit by a course of study abroad He shall also submit a general scheme of the work he proposes to undertake during the tenure of his Fellowship

VI The Travelling Fellows shall investigate educational methods abroad in their special branches of study (such branch to be determined by the Syndicate in consultation with them)—preferably in Great Britain and in the Continental European seats of learning They shall submit periodical accounts of their work to the Syndicate and supply such other evidence of the progress made by them as the Syndicate may from time to time require

VII Each Travelling Fellow on his return to India shall submit to the Syndicate a full Report embodying the results of his studies and travels which shall be published and be the property of the University

VIII The emoluments attached to the Fellowship shall be paid in two half-yearly instalments The Syndicate shall have power to withhold the payment of the second instalment, if the work done by a Travelling Fellow during first half year of the tenure of his Fellowship be deemed unsatisfactory by them

IX This scheme shall be in force for a term of five years from 1914

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VIII

University Law College

The history of the foundation of the College is set out in the following minute by the Hon'ble Justice Sir Asutosh Mookerjee, Kt, C S I, M A, D L, D Sc, Ph D, F R A S, F R S E, F A S B, late Vice-Chancellor of the University -- "The branch of our educational system which stands in need of the most urgent and radical reform is that concerned with the teaching of Law for our Degree Examinations It is a noteworthy fact that we have not got a single College devoted entirely to the study of Law, as we have in the cases of Medicine and Engineering When the University was founded in 1857, Law classes were attached to the Presidency College which was in the main, an Arts College The number of Law students was comparatively small, and the first Professors employed to teach Law were men of considerable distinction In 1864, the Government decided to attach Law classes to its College at Hughli, Dacca Krishnagar, Berhampur and Patna In each case, a distinguished graduate in Law was appointed on a fixed monthly salary and the best men available from the ranks of the then new batches of Law graduates were engaged The classes at all these Colleges were comparatively small, and the teaching imparted was more or less efficient from the point of view of the Law Regulations as they existed at the time In 1869, similar Law classes were attached to the Colleges at Cuttack and Chittagong and in 1880, Law classes were attached to the College at Rajshahi Up to the point of time we have reached, the Law classes were attached only to Government Colleges, and the fees charged were moderately high in the case of the Presidency College, the fee was five rupees a month in the First year Class and ten rupees a month in the Second and Third year Classes, in the case of other Colleges, it was nowhere less than five rupees a month In 1882, the authorities of the Calcutta Metropolitan Institution applied for affiliation in Law The application was granted, and as no conditions were imposed Law classes were opened with a monthly fee of three rupees in the First-year Class four in the Second, and five in the Third-year Class The immediate result was that the Presidency College lost the majority of its Law students Shortly after, the City College was affiliated in Law in 1883 Two years later, the Ripon College was affiliated in Law in 1885 and opened classes at a uniform rate of three rupees, with the result that the other private Colleges were obliged to come down to the same level About this time, the Government closed the law classes in the Presidency College Since then, another College has been affiliated in Law in Calcutta, namely, the Bangabasi College, in 1890, and six Colleges in Mofussil have also been affiliated in Law, namely, Cooch-Bihar, Bhagalpur Midnapur Bankipur, Barisal and Rangoon The University, therefore has at the present time nominally 19 Colleges to which Law classes are attached, but there are really 18 at work, as the Presidency College has had no classes during more than twenty years The Calcutta Colleges have raised their fee from rupees three to rupees four In the Mofussil Colleges, the fee ranges from rupees three to rupees six The classes everywhere in the past were more or less full but the College which has had the largest number on its rolls is the Ripon College As regards the efficiency of these Colleges, judged

from the point of view of the requirements of the new regulations, only one opinion in possible, they are nowhere near the mark, and the arrangements, made, can, at the best, be regarded as nominal compliance with the regulations The system which has prevailed for many years past in most of the Government Colleges in the Mofussil, namely to pay the Law Lecturer the amount of fees paid by the students has been suicidal To take one example, in a Government College situated not very many miles from Calcutta, there was during the last session only one student who paid five rupees a month, and for this sum a Government Pleader, who is the Law Lecturer, is supposed to have taken him through a complete course of Law studies. In Calcutta, where the number of students is very large, the state of things has been just the opposite, and the successful endeavour has been made to turn the Law Classes into as lucrative a business as possible The object has been gained, practically, by an entire sacrifice of discipline A class may have on its rolls 150 students, the Lecturer begins at the appointed time, say 8 o'clock in the morning, with a dozen students, after he has lectured for half an hour, students being to drop in till the class becomes pretty full when the rolls are called Proper continuity of work is hardly possible under such circumstances The majority of the students have no books, they do not intend to listen to the lectures, very many of them are employed as Teachers in School or Clerks in Offices and their only anxiety is to get credit for attendance at a certain number of lectures as required by the University Regulations, and it is by no means an unusual incident for a student to get himself marked "present" by a proxy Not only are the majority of the students irregular and unpunctual in attendance, not only in attendance expressly for the purpose of colourable compliance with the University Regulations—the same laxity characterises, in many instances, the payment of college fees which are often allowed to fall into arrears and sometimes unrealised and lost to the college All this laxity encourages our graduates to enter themselves largely as Law students, so that at some future time when occasion may arise or when they may find it convenient they may appear at the Examination on the strength of their attendance at these lectures This is manifestly contrary to the spirit of the new Regulations The new University Regulations in Law contemplate a thorough training in all the subjects of the Examination The number of subjects has been increased by the introduction of important branches like Roman Law Theory of Legislation Equity and the English Law of Real Property The number of lectures to be delivered, to cover the course, is considerably in excess of what was required under the old Regulations Students are required to attend Moot Courts where legal problems are discussed by them under the presidency of their Professor as judge This can be done with profit and instruction only if the students have been taken in small batches and taught by their teachers to study and analyse cases and to deduce legal principles from a first-hand study of important judicial decisions Then again, in the Examination under the new Regulations 40 per cent of the marks are to be allotted to the solution of questions framed with a view to test the ability of candidates to apply the more important legal principles to concrete cases The Regulations provide not only that full credit is to be given for well-reasoned answers to such questions, even though the conclusions happen to differ from the views taken in decided cases but also that no credit shall be given for bare answers unsupported by arguments. All this implies a far more thorough training than can be obtained by mere attendance at lectures delivered to large classes of students Indeed the Regulations assume a thorough grounding in legal principles, and a systematic study of illustrative cases such as can be pursued only in a good Law Library and under the guidance of an efficient teacher placed in charge of a limited number of students From the point of view of the new Regulations, not one of the Law classes can consequently pretend to

make any approach to efficiency No College has got a good Law Library or a sufficient number of efficient teachers. No attempt is made to enforce discipline among the students. The Bengal Education Department has realised this and I understand that the Law classes attached to all the Government Colleges in Bengal will be closed from the beginning of the current session The Government of Eastern Bengal and Assam have also realised the situation, and the Law classes attached to the Government Colleges in the Province will shortly be closed, and will be replaced by a Law School at Dacca, a proposal for the affiliation of which will be submitted to the University by the Director of Public Instruction So far as the private Colleges out-of Calcutta are concerned they cannot possibly satisfy the requirements of the Regulations So far as the private Colleges in Calcutta are concerned, the authorities of the Bangabasi College have already intimated to the University that they have decided to discontinue the Law classes from the beginning of the ensuing session So far as the Metropolitan Institution and the City College are concerned, neither of them makes a substantial profit upon the Law classes and if their Law classes are closed, the financial position of the Colleges would not be seriously affected As regards the Ripon College, with which I shall deal latter on, the case is different, this particular College effects a substancial saving upon the Law classes, a portion of which is apparently absorbed in the maintenance of the Art Department If the Law classes in the Ripon College are closed, it would mean a substantial loss to the Proprietor As I have already stated, however, non of the existing Law classes is efficient from the point of view of the new Regulations, and I am not prepared to concede that these Law classes should be allowed to exist either for the maintenance of the Arts classes or for the profit of the Proprietors Under Section 7, Chapter XIX of the Regulations, the University is called upon to submit the case of each College to the Government of India and I feel no doubt that neither the Syndicate nor the Senate can, with any sense of self respect, recommend the continuance of the present system which has been a serious blot on our educational methods for many years past I invite the University, therefore, to face the situation, and refuse to countenance any longer what has hitherto prospered under the name of legal education The only solution of the situation is to close all the Law classes and for the University, to found a Law College, like the law Colleges in Madras, Bombay and Allahabad The Law Colleges in the other Provinces are owned and maintained by Government, the Law College proposed by me will however, be a University College though we may thankfully accept any aid which the Government may give I do not desire it to be understood, however that I claim any monopoly for the University Law College as I have already stated, there will be a similar Law School, though on a smaller scale at Dacca and I trust that at no distant date, there may be a well-equipped Law School for Behar at Bankipur It is not inconcievable also that with liberal endowments a Law College may be established in some other part of the province But whenever or whereever such an institution may be established, and whoever may maintain it, the essential condition for its affiliation to the University must be that it is *bonafide* centre of legal education I shall now give an outline of my scheme

The University Law College shall be under the management of a Governing Body of Twelve members, constituted as follows —

1 The Vice-Chancellor *Ex-officio President*

2-4. Three Judges of the High Court (to be nominated by the Chief Justice of Bengal in consultation with the Vice-Chancellor)

5. The Advocate-General of Bengal, *Ex-officio*

6-7 One member of the Bar and one Vakil of the High Court (Both to be nominated by the Faculty of Law)

8 The Legal Remembrancer to the Government of Bengal.

9 The Director of Public Instruction, Bengal

10 The Principal of the Law College

11-12 Two Lecturers of the College to be elected by the Staff

Members of the governing body shall be elected annually. Occasional vacancies shall be filled up by the Syndicate, upon the recommendation of the body entitled to elect

The management of the College shall be vested in the governing body, but their proceedings shall be subject to confirmation by the Syndicate

As the governing body described above cannot be completely constituted till the College has been actually established and the Principal and the staff appointed a provisional Committee shall be appointed by the Syndicate

The College shall have a whole-time Principal who shall not be allowed to practise in Courts His salary shall be Rs 800 a month rising to Rs 1,000 by annual increment of Rs 50 It may be added that each of the Law Colleges in the other Provinces has a whole-time Principal, and it does not require any argument to show that some one must make it his business to look after the College and to maintain it in a state of efficiency

If we assume that there will be 150 students in each class, there must be in addition to the Principal, one Professor on Rs 200 a month, and 8 Assistant Professors on Rs 150 a month For a larger number of students, the staff will have to be proportionately increased

The Principal shall lecture two hours a day and the Professor one hour a day, during at least 30 weeks in the year (this would include systematic lectures as well as sittings of the Moot Court) The Assistant Professors will take the students in batches of twenty Each Assistant Professor will, therefore, have under his chage 20 First-year and 20 Second-year students. He will, on alternate days, take the two sets of students to the Library for tutorial work and discussion of cases, during, on an average, 2 hours a day, he will also give the students under his charge regular weekly exercises or subjects for essays which will be corrected and returned The duty of each Assistant Professor, therefore, will be discussion with the students 2 hours every day and correction of forty exercises a week Each student will, thus, have 9 hours lectures a week and 6 hours work a week in the Library This, I think, is a very moderate demand to make, and I shall not be surprised if it is found necessary to increase the quantity of work later on What I have suggested is extremely moderate in comparison with the work demanded from students in Law Colleges elsewhere which have reached a high degree of excellence, for instance, Columbia and Harvard in the United States and Tokyo in Japan. I do not doubt, however, that even the moderate beginning in earnest work which I propose, will reduce the existing number of nominal students who now swell the rolls In the University College no one, I hope, will take his admission who does not seriously wish to undertake the study of Law, and, for myself, I do not wish any body else to come near the place. No one, I trust, deems it the duty of the University to encourage or countenance a system under which the very first art practised by young aspirants for entrance into a learned and honourable profession in defiance of discipline and evasion of the University Regulations

The monthly recurring expenditure will be Rs 2,200 in the first-year I have estimated the number of students at 300 The tuition fee must, therefore

be fixed at Rupees eight a month, which is, by no means, too high, if we consider the quality of training we propose to give In any event, a Law student, even under the conditions I propose, will have to spend less, and will have much easier life than a Medical or an Engineering student I am in a position to add, however, that the Government of Bengal is prepared to make an annual grant, to be devoted to reducing the fees of students by the grant of scholarships at the discretion of the Governing Body, the amount of the grant will be Rs 35,000 a year for the first five years, and will be subject to reconsideration at the end of that period With this sum at our disposal we may for instance, institute about one hundred and forty-five students of Rs 2 a month to be given to deserving students upon the results of work done in the College The effect to this arrangement will be that deserving students will, practically, have to pay a fee of Rs 6 only a month

The College must have a good Law Library, Rs 30,000 to start with is a moderate estimate I suggest that this amount be provided from the University Reserve Fund. In addition to this, the Government of India and the Government of Bengal are prepared to help us and to place in the Law College Library, for the use of Law students, several sets of the Indian Law Reports and other Law Publications of the Government of India and of the different Local Government.

The College must be suitably located There will be no difficulty in providing proper theatres in the University Buildings which we propose to erect at once on the land recently acquired by the University towards the west of the Senate House I would also suggest that of the Reading Rooms in the Darbhanga Library Building, eight may be fitted up with small working Libraries where the students may read under the guidance of the Assistant Professors

If the scheme is approved, I hope to be able to get everything ready so as to be in a position to open the Law College in July, 1909

I have given, I hope, an intelligible outline of the proposed University Law College The details, of course will require careful consideration and must be left to the Provisional Committee I wish it to be understood also that the details I have suggested may require modification in the light of experience

There are two other questions which incidentally arise and deserve consideration, the first of these relates to what are known as Pleadership students and the second, to the Ripon College

As regards the Pleadership students, they are required under Rules, framed by the High Court, (Chapter XI, Rule 6 of the High Court Rules, page 263) to attend lectures at one of the Colleges affiliated in Law to the Calcutta University, before they are allowed to appear at the Pleadership Examination The University is not directly concerned with these students, and if a strict view is taken of the scope of the University Law College, it may well be contended that these Pleadership students ought not to find any place in our Institution It will be a matter for the authorities who controlled that Examination to decide whether the Rules ought to be so modified as to allow Pleadership students to read in some one or all of the existing Law Classes If such a course is adopted —as may well be on the ground that the Pleadership course differs in some essential respect from our B L Course—we shall have nothing to do with the Pleadership students If, however the High Court desires that the Pleadership students in future should undergo the same kind of training as we propose to give to our B L students, and if the University consents to find accommodation for them, we may very well ask the Government to give us substantial aid The question of the provision to be made for the education of Pleadership students, however, obviously does not concern the University directly, and cannot deter or

delay any action which the University may find essential in the true interests of the education of its Law students

Next, as regards the Ripon College, I have already stated, that it makes a substantial profit out of the Law classes, the withdrawal of affiliation in Law will therefore mean loss to the Proprietor I do not hesitate to say that this ought not to deter or delay the action on the part of the University which is essential in the interests of sound education and discipline At the same time, I think the University may, if the Proprietor so desire, assist him to put the College finances on a sound basis I have before me the Report of the University Auditor on the College Accounts, such as they are One fact is patent A large amount of money is annually lost in the B.L classes, in the Pleadership classes, as also in the Arts classes, by reason of great laxity in the realisation of fees from the students The remedy for this lies in the hands of the Proprietor himself In the next place, it seems to me clear that if the Arts classes are to be made self-supporting, the College fees must be raised, and a rise of even one rupee a month in the fee paid by each student would bring in a considerable sum, nearly sufficient to make up for the loss likely to be caused by the abolition of the B L classes If the Pleadership classes are also abolished, there would perhaps, be no margin left for the Proprietor, if, however the High Court is satisfied that the Pleadership classes can be remodelled, so as to meet the requirements of that description of students, and if the High Court recognises the Pleadership classes, there would be a margin left for the Proprietor The condition of this particular College and of some of the other Private Colleges in Calcutta suggest to my mind that it may be desirable for the University to arrange for University Lecturers to teach the B A and B Sc Honours Courses If this idea is carried out, as has already been recommended by the Syndicate, the pressure upon these Colleges in the Arts department would be considerably reduced I may add that if one or more of these Colleges will seriously consider the question of a small rise in the fees levied from Arts students, the Syndicate may very well help them to come to a common understanding upon the point, so as to avoid the unfair competition referred to in Section 6, Clause (1) of Chapter XVIII of the Regulations The University may reasonably be expected to assist the Colleges so as to facilitate their work, but I maintain, at the same time, that the University ought not to be expected to countenance a thoroughly unsound system which is misnamed legal education for the benefit of either Arts Classes of Colleges or of their Proprietors"

The above Minute was considered by the Syndicate at their Meeting on the 4th July, 1908, when the following Resolution was adopted —

"That the Syndicate recommend to the Senate that a University Law College be established and that the Syndicate be authorised to appoint a Provisional Committee to organise it"

The Minute was also considered by the Faculty of Law at a special meeting held on the 14th of July, 1908, when the following motion was carried —

"That the Faculty do record its opinion that for the promotion of legal education of students for degrees in Law, it is desirable to establish a University Law College, to serve as a model College, but not so as to create a monopoly either general or local"

On the 21st July, 1908, upon the motion of the Vice-Chancellor the Snate unanimously accepted the recommendation of the Syndicate and the Faculty of Law that a University Law College be established This resolution of the Senate subsequently received the sanction of the Governor-General in Council

on the 25th August, 1908, and the College was formally affiliated to the University in Law with effect from July, 1908

The College is under the management of a Governing Body, consisting of sixteen members, constituted as follows —

I	The Vice-Chancellor, *President Ex-officio*
II-IV	Three Judges of the High Court (to be nominated by the Chief Justice of Bengal in consultation with the Vice Chancellor)
V	The Advocate-General of Bengal, *Ex-officio*
VI	The Senior Government Pleader of the High Court, *Ex-officio*
VII-IX	Three members nominated by the Faculty of Law, one of whom at least, shall be a member of the Bar and one, a Vakil of the High Court
X	One Representative of the Incorporated Law Society
XI	The Legal Remembrancer to the Government of Bengal, *Ex-officio*
XII	The Director of Public Instruction, Bengal, *Ex-officio*
XIII	The Principal of the Law College, *Ex-officio*
XIV	The Vice-Principal of the Law College, *Ex-officio*
XV-XVI	Two Lecturers of the College to be elected by the staff

The members of the Governing Body are appointed annually They hold office during the academic year for which they are appointed, occasional vacancies being filled up by the Syndicate upon the recommendation of the Body entitled to appoint

At meetings of the Governing Body, seven Members form a quorum

The proceedings of the Governing Body are subject to confirmation by the Syndicate

The staff of the College consists of a Principal, a Vice-Principal and as many Professors as are needed to meet the requirements of the students

Each of the three years' course will comprise not less than 200 working days There will be three terms in each year, the first of which will extend from the last week of June to the end of September the second from the beginning of November to the end of the third week of December, and the third from the beginning of January to the middle of April

The Governing Body for the year 1920-21 has been constituted as follows,—

1. The Hon'ble Sir Nilratan Sircar, Kt M A, M D, *Vice-Chancellor, President, Ex-officio*
2. The Hon'ble Mr Justice Nalinranjan Chatterjee, M A, B L
3. The Hon'ble Mr Justice H Walmsley, I C S
4. The Hon'ble Mr. Justice W E Greaves, M.A
5. The Hon'ble Mr T C P Gibbons, K C.
6. Senior Government Pleader of the High Court
7. The Hon'ble Sir Asutosh Mookerjee, Kt., C S I
8. The Hon'ble Mr Maherdranath Ray, C I E, M A, B L
9. S Khuda Buksh, Esq, M A, B C L
10. G C Mondal, Esq, Attorney-at-Law
11. The Legal Remembrancer to the Government of Bengal
12. The Hon'ble Mr W W Hornell M A, C I E

13 Dr S C Bagchi, B A, LL B, LL D
14. Mr Birajmohan Majumdar, M A, B L
15. „ Hiralal Chakrabartty, M A, B L
16 J. N Mitter, Esq M A., Bar-at-Law

During the session 1918-19, the the teaching arrangements in the college have been entirely re-organised in accordance with the scheme outlined in the following memorandum by Sir Asutosh Mookerjee

"The unsatisfactory system of training of law students, which prevailed in our colleges before the University Law College was founded, is described in a memorandum drawn up by me on the 1st July, 1908, and printed in the University Calendar for 1917 Part I, pages 112-117 The System now in force marks a considerable advance upon the pre-existing condition of things, but stands in urgent need of further improvement in essential particulars

Under the present system, the students are taught in two types of classes In one type of classes, the students are required to attend three lectures a day, two of them delivered to a class of 150 students each, the other two, a class of 25 students, commonly known as a tutorial class Each of these lectures extends over a period of 45 minutes, so that the student attends lectures which occupy him for two hours and fifteen minutes In the other type of classes, the students are required to attend two lectures a day each extending over one hour, each of these classes comprises on an average from 50 to 60 students There is also some arrangement for written exercises, but it is of so inadequate a character that no further reference need be made to the subject There are, in addition, moot courts Cases are prescribed in advance to be studied by students, these are thereafter, argued by them in the class with the professor in the chair It is obviously impossible for every student to take part in these discussions and as a matter of fact in each class there is a small group of students who systematically join in the debate, while the others somewhat listlessly watch the proceedings

The vital defect of the present system is that it does not ensure independent work on the part of the student, he is supposed to listen patiently to long courses of lectures, and, if he is specially diligent, to take down notes and analyses with a view to commit them to memory in other words, he is supplied with pre digested food which he is expected to assimilate But if there is any branch of study which requires independent thought on the part of the students it is unquestionably law, and he should be made to cultivate from the earliest period, that habit of clear and accurate thinking which is essential for the attainment of professional success This point of view has pressed itself upon my mind for some time past, but I have not been able hitherto to suggest a complete reorganisation of the teaching arrangements in the University Law College, by reason of financial considerations At the time of the establishment of the College, in 1909, we found it necessary to draw from the general funds of the University a considerable sum of money for the equipment of the library, year by year, the sum advanced has been paid back in instalments, and on the 30th June of the current year, the final balance due will be repaid From the commencement of the ensuing academic session, we shall thus be in a position to spend the whole of our income for the benefit of the students In these circumstances, I venture to ask the indulgence of my colleagues on the Governing Body, to place before them proposals for a more efficient scheme of legal studies for the benefit of our students than has hitherto been found practicable

The two principles which underlie my proposals are as follows

(1) The number of formal lectures which each student is required to attend should be reduced,

(2) each student should be required periodically to compose a short essay on a prescribed subject, after he had an oppartunity to study it under the guidance of his teacher, who would suggest a suitable course of reading therefor,

(3) These exercises would be submitted to the teacher, who would correct them at home, and would subsequently meet the students in small groups, to discuss with them points which arose on the exercises and any cognate topics

After careful consideration of the entire course prescribed by the Regulations, I am inclined to adopt the view that no student need be required to attend more than one lecture a day, and that each student should be required to compose, under tutorial guidance as indicated above, one essay every two weeks The college session covers from 25 to 30 weeks, each student will consequently be expected to prepare from 12 to 15 essays, during the whole year This I do not consider to be too exacting, and I trust that if a student faithfully does his work, he will cultivate that habit of accuracy and conciseness which is absolutely essential for a successful career in the profession In addition to this, the arrangements for moot courts will be continued, as required by the Regulations

The maximum number of students who can be accommodated in the College in the morning and the evening classes, is 2,400, the highest number we had on our rolls was during the last session, viz, 2,180 If we fix the number at the maximum, we have to arrange for approximately 800 students in each of the three classes, as we have under the regulations a three years' courses of law study I would divide each class into section, of 100 students at the most Each section will be subdivided into two groups for delivery of the formal lectures and into four groups for purposes of tutorial work Each section of 100 students will then be placed in charge of two teachers each lecturing on half the course and each taking the tutorials in his special subjects. The duty of each teacher, thus, will be as follows

(1) to deliver, on six days in the week, one lecture a day to a class of 50 students at most, extending over one hour,

(2) to correct 25 exercises a week

(3) to meet 25 students in group of 8, on three days in the week (one hour each day) As the correction of exercises will be done at home, each teacher will have to attend in the University buildings 9 hours in the course of the week.

The work of each student will be as follows

(1) to attend one lecture a day, every day in the week

(2) to compose one essay, in two weeks.

(3) to attend a tutorial class for one hour, one in two weeks,

This scheme will equire a staff of 48 teachers, namely, two for each of the 24 groups of 100 students If is manifest, however that some links must be provided for co-ordination of the work, it would be disastrous, indeed, if each teacher were left free to follow his own way without consultation with such at any rate of his colleagues as might be engaged in dealing with the same subject as he himself was teaching It would consequently be necessary to group together the teachers in each subject and to appoint a Chairman for that group Each group,under the guidance of its Chairman, should meet at stated times in the University buildings fix the subjects for tutorial work discuss, how the work was progressing, and compare notes of their experience Let me take a concrete illustration In the second-year Class, each student is required to attend lectures on four subjects, namely (1) Muhammadan Law &c, (2)

Transfer of Property, (3) Real Property and Succession, and (4) Contracts and Torts. We shall have 16 teachers for the 8 sections of 100 students each, eight of these teachers will take up the first two subjects in the 8 sections, the remaining eight will take up the other two subjects in those sections Each group of 8 teachers will have a Chairman, to be selected with due regard to seniority and academic distinction. As there will be 6 such groups in the three Classes taken together, we shall require 48+6=54 teachers In addition, we have the Principal and the Vice-Principal, who, in spite of their heavy administrative duties, may be able to participate, to a limited extent, in the work of instruction or supervision as Chairman I would further suggest that the gentlemen appointed as Chairman may not only secure that the work by the several groups of teachers with whom they will be respectively associated is properly organised, but they themselves may very well be expected to deliver during the year, short courses of 4 to 6 public lectures on important topics selected at their choice. These lectures may be thrown open to all law students in the University, and the Professors may also be encouraged to publish them, if they are allowed to retain the copyright

* * * * *

I am inclined to think that it would be an advantage to constitute a small Council, consisting of the Principal, the Vice-Principal and the 6 Chairmen, to exercise general supervision over the whole teaching work of the institution, and if it is found necessary to associate myself with this body in effectively carrying out the scheme of reorganisation, I shall cheerfully find time for the work"

In accordance with the above scheme, the staff has been distributed as follows

COLLEGE STAFF

PRINCIPAL

Dr S C Bagchi, B A, LL B LL D

VICE PRINCIPAL

Mr Brajmohan Majumdar, M A., B L

FIRST-YEAR

JURISPRUDENCE AND ROMAN LAW

Mr Karunamay Basu, M A, B L *(Chairman)*
" S N Dutt, M A, LL B.
" H S Suhrawardy, B Sc, M A, B C L
" Jitendranath Das Gupta, M A, M L
" Girijaprasanna Sanyal, M A, B L
" D N Mitter, B Sc LL B
" M N Kanjilal, M A, LL.B
" Atulchandra Gupta, M A, B L
" Pramathanath Banerjee, M A, B L
" N C Das, M A, B L

HINDU LAW

Mr Jyotiprasad Sarbadhikary, M A, B L. *(Chairman)*
" Sureschandra Chakrabarti, M A, B L
" Panchanath Ghosh, M A, B L

Mr. Bireswar Bagchi, M A , B L
„ Charuchandra Biswas, M.A , B L.
„ Annadacharan Karkum M A , B Sc , B L
„ Hiralal Chakrabarti, M.A , B L.
„ Mohinimohan Chakrabarti, M A., B L.
„ Manmathanath Ray, M A , B L
„ Abinaschandra Guha, M A , B L

SECOND-YEAR

T. P. ACT AND MAHOMEDAN LAW AND PERSONAL LAW

Mr Nagendranath Mitra, M A , B.L (*Chairman*)
„ Birendra Kumar De, M A, B L
„ Gopalchandra Das, M A , B L
„ Hiralal Sanyal, M A , B L
„ J W Chippendale, M A , B L
„ Mukundanath Ray, B L
„ Sitaram Banerjee, M A , B L.

REAL PROPERTY AND CONTRACTS AND TORTS

Mr. S C Ray, B A , LL B.(*Chairman*)
„ J N Mitter, M A
„ S K. Mitter, B A , I L B
„ Ajay Dutt, M A (Oxon)
„ Saratchandra Lahari, M A., B L
Mr S M. Bose, M A , I L B
Dr S K Gupta, M A , B L , B Litt , Ph D

THIRD-YEAR

EQUITY

Dr S C Bagchi, B.A , I L B , LL.D (*Principal and Chairman*)
Mr. P Mitter, B A.
„ S N Bhattacharyya B A , Bar-at Law
„ S R Das, B A LL B , Bar at-Law
„ Samatulchandra Datta, M A., B L
„ P K Chakrabartty, M A

LAND LAWS

Mr. Tarakchandra Chakrabarti, B A., B L (*Chairman*)
„ Upendranarayan Bagchi, M A , B L
„ Brajendranath Chatterjee, M A., B L
„ Gopendranath Das, M A , B L
„ Anilendranath Roychaudhuri, M A , B L

C. P CODE AND EVIDENCE

Mr Birajmohan Majumdar, M A , B L. (*Vice-Principal, Chairman*)
„ Umeshchandra Ghosh, M A , B L
„ Atulchandra Datta, M A , B L
„ Nagendranath Ghosh, M A , B L
Sasadhar Ray, M A , B L.

CRIMINAL LAW

Mr Haraprasad Chatterjee, M A, B L (*Chairman*)
„ P N. Dutt, M A, B L
„ S. A Khuda Bukhs, M.A, B C L (Oxon)
„ P K Mukerjee, B.A
„ Jogendranarayan Majumder, M A, B L

M L CLASS

Hindu Law	.	Mr Asiranjan Chatterjee, M A, M L
Roman Law	..	Dr Aswinikumar Chaudhuri, B A, LL B, LL.D.
Jurisprudence	..	Mr Rupendrakumar Mitter, M Sc, M L
Private International Law	..	Mr P. Chaudhury, M.A
Equity	..	Mr Bijankumar Mukerjee, M.A., M L

PROFESSOR IN-CHARGE OF THE READING ROOM.

Mr Asutosh Mookerjee, M A., B L

The College fee is Rs. 7 per month. An admission fee of Rs. 7 is also charged in the case of first admission to the College

Twelve scholarships of Rs 10 a month, each tenable for one year, have been established Four of these are open to competition among students of the First-year Class, four among the students of the Second year Class and four among the students of the Third-year Class. The scholarships in the First-year Class are awarded towards the end of September upon the results of the College test which is held at the time, those in the Second-year Class are awarded upon the results of the Preliminary Examination in Law, and those in the Third-year Class upon the results of the Intermediate Examination in Law All these scholarships take effect retrospectively from July.

Twenty-four scholarships of Rs 6 a month, tenable for one year, are also awarded from the endowment established by the Maharaja of Cossimbazar Eight of these are open to competition among students of the First-year Class, eight among the students of the Second year Class and eight among the students of the Third-year Class They are chiefly open to competition among students graduating from Krishnath College, Berhampur

Provision has been made for the residence of students who do not reside with their parents or guardians Such students must apply on or before the 1st July, and students are recommended in all cases to take their admission before the 1st of July

To the College is attached an extensive Law Library containing numerous sets of Reports and Text-books The Library is divided into two sections—(A) for reference, (B) for lending. Books in Section (A) may be consulted by students at any time from 9 A M to 6-30 P M. Books in Section (B) may be borrowed by students, no deposit is required, if one volume is borrowed. Those who deposit Rs. 5 are allowed to borrow two volumes at a time.

The College is held in the spacious apartments of the Darbhanga Buildings, ample provision has been made for Reading Rooms.

Arrangements have been made to deliver a course of lectures in the M.L. Classes which have been opened, on Jurisprudence, Roman Law, and Private International Law, Hindu Law and Mahomedan Law. The college fee for M.L. Classes is Rs 8 per month.

All applications for admission are to be addressed to the Registrar Senate House, Calcutta. Further information as also a detailed programme of the work and Library rules, etc., may be obtained on application to the Librarian, University Law College, Senate House, Calcutta

RULES OF THE HARDINGE HOSTEL OF THE UNIVERSITY LAW COLLEGE

I.—Admission

1. The Hardinge Hostel is reserved for the use of Hindu students of the University Law College. It is a collegiate Hostel as defined in Chapter XXIV (7) of the University Regulations

2. Applications for admission must be made in the prescribed form Every admission shall be subject to the approval of the Principal or the Vice-Principal

II.—Fees

3. A fee of Rs 6 shall be paid by every student on first admission to the Hardinge Hostel. If a student withdraws and seeks re-admission the fee must be again paid.

Every student will also be required to deposit a further sum of Rs 4 on his admission to the Hostel to make good any breakage or damage to the electric fittings in the rooms, passages or halls for which he may be found responsible

4. The monthly Hostel charges for each student in the first, second, third and fourth floors shall be Rs 25 and for each student in the ground floor Rs 23

[Note.—This is based upon an approximate estimate of the expenses under the following heads]

	Rs
Seat rent	5 (Rs 3 for ground floor)
Messing charges	13 8
Electric light Furniture and Utensils Establishment charges Municipal Rates Medical aid Incidental expenses	0 8

Each student occupying the first, second, third or fourth floors will have to pay Rs 25, and each student occupying the ground floor, Rs 23 during every month of the year provided that if he does not reside during summer vacation he will be allowed a remission of Rs. 22 if he is a boarder of the first, second third or fourth floor, and a remission of Rs 20 if he is a boarder of the ground floor, for the months of May and June and provided that if he resides during summer vacation, he will be allowed a remission of Rs 13-8 only per month for May and June during which he will reside and will have to make his own messing arrangement

Boarders will be allowed a remission of their messing charges only for such period during the Puja vacation as may be fixed by the Principal or Vice-Principal. They will have to manage their own messing during such period

5 The monthly fees are payable *in advance* in one sum to the University Cashier **on or before the 15th every month . for every day's delay beyond this limit, a fine of two annas will be levied.**

6 Admissions are understood to be for a complete term, and boarders are liable for all charges from the beginning of the term Messing charges may, however, be remitted in special cases in particular, in cases of leave on medical certificate for periods of 15 days and over but not less than 15 provided the 15 days fall within one and the same month, and in cases of late admission on transfer and on the occurrence of vacancies also in cases of withdrawal on transfer or medical certificate

Remission of the messing charges cannot be claimed as a matter of right and no remission will be granted unless previously to absenting themselves boarders obtain the written permission of the Principal or the Vice-Principal.

7. Withdrawal from the Hostel requires the sanction of the Principal or the Vice-Principal Application for withdrawal must be made by the guardian, and submitted at least ten days before the date from which the withdrawal is to take effect

III —Furniture

8 Bedstead, table, chair, stool, book-shelf, cloth-peg, dirty linen chest, one of each, and also a set of bell-metal utensils (1 rice-plate 1 tumbler and 2 cups), will be supplied to all boarders on admission Boarders must provide their own bedding

Furniture must not be removed from the Common Rooms or from one room to another without permission

9. In case of wilful damage to furniture, fixtures or utensils, the damage must be made good by the boarder or boarders causing it

IV —Messes

10 The arrangements for meals will be made by the Assistant Superintendent, assisted by a Mess Committee of boarders, elected, two from each flat, by the boarders of the flats severally

Mess Committee will be elected fortnightly Each boarder must act as a member of the Mess Committee by turn as required by the Principal or the Vice Principal One of the Prefects shall be a member of this Committee by turn

11 Boarders must take their meals in the dining hall unless they are ill The recognised times for meals are from 10 to 12 in the morning, from 8-30 to to 10-30 in the evening The dining-halls will be closed at 12 noon and at 10-30 in the evening

12 In cases of illness, boarders will be supplied with such invalid diet as may be prescribed by the medical officer to the Hostel, but, if extra expense is involved, it must be borne by the boarder himself

V.—Wards and Discipline

13 The Hostel is divided into five wards, each of which shall be in charge of a Prefect who will be responsible for good order and discipline under the authority of the Superintendent The Prefects will be appointed by the Principal or the Vice Principal, on the recommendation of the Superintendent and subject to the approval of the President of the Governing Body,

14 In each ward the Prefect will call the roll morning and evening. He will be trusted to do his best to maintain good order in his ward in every respect He will be expected to report breaches of the rules and any serious case of misconduct to the Superintendent The ward servant will be under his orders

15. The Perfect will enjoy the following privileges (1) He will be entitled to an allowance of Rs. 15 per month, (2) He will be entitled to a special certificate when he leaves the College

Prefects will not be entitled to take leave from the Hostel for a period of more than 15 days and that only in case he falls ill If any Prefect leaves the Hostel for more than that period or is unable to attend to his duties separate arrangement will be made by the Principal or the Vice-Principal and no allowance will be paid to the Prefect for the period of his absence

16 Morning roll-call will be at 6-30 A M and evening roll call, at 9 P M throughout the year At the hours of roll-call, the Prefects will be present in the Hall or the Corridor of the ward as the case may be, with the Register for 15 minutes Borders must come there within that time and sign their names in the Register Failing to do this, the boarders will be treated as absent and marked as such by the Perfect Absence from roll-call will be punishable by fine of *four annas*

17 Boarders will be expected to remain in their own rooms ordinarily and not disturb others by walking about in the verandahs, or talking

18 All boarders are required to be in the Hostel by evening roll-call Boarders returning to the Hostel after 9 P M, unless they have the written permission of the Superintendent to remain out later, will pay fines automatically in accordance with the following scale -

	Rs	As.
Between 9 and 10 .	0	4
Between 10 and 11 ...	0	8

At 11 the gate will be locked for the night The Durwan shall not allow any boarder to enter the Hostel after 11 P M, unless such boarder had the previous written permission of the Superintendent to stay out later than 11 P M Any boarder remaining out later than 11 whether with or without the permission of the Superintendent shall be reported to the Principal

19 A Conduct Register will be kept by Superintendent (in accordance with the University Regulations) in which the names of boarders will be entered in all cases of serious misconduct An entry once made cannot be altered or cancelled

Complaints to the Superintendent against the menials and others should be made in writing Boarders shall not take into their hands the task of chastising or punishing the menials Such conduct will be regarded as misconduct

20 Boarders are liable to be fined at the discretion of the Superintendent for the infringement of rules, disobedience of orders and any other form of misconduct More serious offences will be punished by the entry of the offender's name in the Conduct Register, and in extreme cases, by removal from the Hostel If the Hostel charges are not paid within the month for which they are due, the name of the defaulter will be automatically removed from the Rolls and will not be restored except upon the special order of the Principal or the Vice-Principal

21. A form of report for each student will be filled in and signed by the Superintendent at the end of each year (or at the time of withdrawal from the Hostel) A good report will be a condition of continuance in the College, and of admission to the University Examinations

VI —Water and Electric Installation

22 Students must not bathe anywhere in the 1st, 2nd, 3rd and 4th floors, and in the lavatory block of the ground floor

23 Water will be available on these floors from 6 to 10 A M and from 3 to 6 p m The Office-in-charge of each flat will be held responsible, should any tap be found running

24 All lights except in corridors and passages in the rooms must be shut down at 11 P. M

25 All lights must be turned off, when the occupant of a room leaves it.

26. If a room locked from the outside is found with lights on *a fine of one rupee per day* will be imposed

27 Bulbs must not be changed by the students Violation of this rule by a student will make him liable to a fine of Rs 4.

28 Any breakage or damage to the Electric fittings in the rooms, passages, halls, must be at once reported to the Superintendent, who will report to the Registrar In the absence of a satisfactory explanation the occupant of the room or occupants of the rooms on the floor where the damage has been done will be required to make good the loss To ensure this being done, each of the occupants of the Hostel will have to deposit Rs 4 at the beginning of the session, an account being rendered at the end of the session.

29 All assistants and students are expected to co-operate and assist the University in reducing the bills by shutting down the fans and lights when not in use The Darwans and Chaprasis in each flat and room will be ordered to shut down any fans and lights which are not in use

VII —Sickness

30 Boarders, when ill, will be attended by the Medical Officer of the Hostel If a boarder wishes to be attended by any other medical man, he must first obtain the permission of the Superintendent In such cases, the Hostel Medical Officer has no reponsibility for the patient Any extra expenses involved for diet or nursing must, in these cases, be borne by the patient

31 Boarders when reported as seriously ill will be removed to the hospital.

32 In case of infectious illness, special precautions are necessary In all such cases (measles, chicken-pox, cholera) there must be segregation from the rest of the boarders, cases of small-pox or plague must at once removed from the Hostel

VIII —Visitors and other Non-Residents

33 Outsiders, whether friends or relatives of the students or any of the officers as a rule, shall not be allowed to pass even a single night in the Hostel In emergent cases such as illness of a boarder, relatives or friends may be admitted in order to nurse him, with the previous written permission of the Superintendent be subsequently confirmed by the Principal or the Vice-Principal

By special permission of the Superintendent, male relatives and friends of the boarders may take their meals in the Hostel for one or two days as guests, but in no cases shall such permission be given for a longer period than two days Guest's charge at the rate of five annas per meal will have to be paid *in advance.*

In no case can this privilege be claimed as a right Boarders must always obtain the consent of the Superintendent beforehand and permission can only be given when there is room in the Hostel without exceeding the recognised complement of boarders

34 Traders and hawkers of no description should come inside the hostel without permission from the Superintendent

35 At 9 P M all visitors and other persons from outside, except friends and relatives with special permission under Rule 33 must leave the Hostel.

IX --New Admission

36 Students will be formally admitted, only on showing the University Cashier's receipts for fees deposited for the University Law College This receipt will be evidence that the student has been admitted in the College

37. Any student desiring to stay in the Hostel before he is formally admitted as a boarder can only be allowed to do so on depositing the admission fee of Rs 6

38 A student once formally admitted to the Hostel as a boarder, will not be permitted to have his admission cancelled He may apply for withdrawal according to the rules, paying full charges for the whole term (*vide* Rule 6)

39 The allotment of the rooms will be entirely at the discretion of the Superintendent His decision in this matter will be final

IX

Research Studentships, Scholarships, Prizes and Medals.

1

PREMCHAND ROYCHAND RESEARCH STUDENTSHIPS

Premchand Roychand, Esq., of Bombay, in a letter to the Government of India, offered, to make a donation of two lakhs of rupees to the Calcutta University, and on the 9th February, 1866, paid over this amount to the Government of India, to be transferred to the University and held by it as a Body Corporate, under Section 2 of Act II of 1857. Mr. Premchand Roychand further expressed a hope "that the money should be devoted to some one large object or to a portion of some large object for which it might in itself be insufficient."

The Senate, at a meeting on the 21st July, 1860 accepted Mr. Premchand Roychand's munificent donation, and directed that it should be invested in 5 per cent. Government Securities.

The Senate, at their meeting, held on the 2nd May, 1908, approved the following rules for appropriating the proceeds of the donation :—

1. Six Studentships of Rs. 1,400 a year each to be called the "Premchand Roychand Research Scholarship" shall be maintained on the interest of the endowment.

2. Any graduate of the University of Calcutta, who has passed the Examination for the Degree of Master or Doctor in any Faculty, during twelve years from the time that he passed the Entrance or the Matriculation Examination, shall be eligible for only one of these Studentships.

Explanation—

Any person who passed the Entrance Examination in 1908 and subsequently passed the Examination for the Degree of Master or Doctor in any Faculty, may be a candidate for the Studentship in any year not later than 1920.

3. The Studentships shall be awarded for promotion of research. Each Studentship shall be tenable for three years, during which the student will be required to carry on some special investigation or work in the subject in which the studentship was awarded.

4. Two Studentships shall, ordinarily, be awarded every year, one in a Literary Subject, the other in a Scientific Subject.

5. The Literary Subjects shall be as follows :—

English, Sanskrit, Pali, the Prakrits and Indian Vernaculars, Arabic, Comparative Philology with special reference to the Oriental languages, Indian Palæography and Epigraphy, Indian History, Philosophy, Economics.

The Scientific Subjects shall be as follows

Mathematics, Physics, Chemistry, Physiology Botany, Geology and Mineralogy, Zoology including Proto-Zoology and Comparative Anatomy, Experimental Psychology

6 Candidates for the Studentship shall submit their application to the Registrar not later than the 31st October in any year and shall at the same time pay a fee of Rs 32 Each application shall state (a) the academical distinctions which the candidate has obtained, (b) the subject in which he has specialised (c) any research or investigation which he has made in the selected subject or in any allied branch of knowledge (d) the subject in which he intends, if elected to a Studentship to carry on special investigation or research Every candidate shall produce a thesis dealing with some subject in which he has carried on or intends to carry on research Every candidate shall also state whether the research or investigation which he intends to undertake will be carried on in any particular Library or Laboratory and, if so what facilities are available Every candidate shall further produce along with his application testimonials to satisfy the syndicate that he is in habits and character a fit and proper person to carry on the research which he proposes to undertake.

7 The Syndicate shall as soon as possible, after the applications have been submitted, appoint two special Boards, one to report on the applications in the Literary Subjects the other to report on those in the Scientific Subjects

The candidates shall not be required to submit themselves to any written, oral or practical examination but either special Board may, as its discretion require a candidate to appear before it with a view to ascertain precisely the nature of the research or investigation in which he has been previously engaged or which he wished to undertake if elected to the Studentship Each Board shall submit a report dealing with the name and qualifications of the candidate recommended for election to the Studentship and the grounds for such recommendation

8 Neither Special Board shall be bound to recommend any candidate if in their judgment, none of the candidates is qualified to carry on research or investigation so as to be worthy of the Studentship

9 The reports of the Special Boards shall be laid before the Syndicate not later than the 15th of December every year and if the Syndicate upon the reports are satisfied that the candidates recommended are worthy of the Studentships they shall make the award accordingly

10 If, in any year, a Studentship in Literary or Scientific subjects is not awarded on the ground that there is no candidate in that particular group of subjects qualified to receive it, it shall be competent to the Syndicate to award that Studentship in the other group of subjects in the same year or in any subject in any subsequent year

11 Each studentship shall be tenable from the month of January and each student shall receive Rs 50 a month

Not later than 31st of October in each year, every student shall submit to the Registrar a detailed statement of the research or investigation in which he has been engaged during the year If the Syndicate are satisfied that the research or investigation has been duly carried on as undertaken by the candidate in his application so that the object with which the studentship was awarded, has been realised the student shall receive at the end of the year a sum of Rs 800

12 If it is proved to the satisfaction of the Syndicate that a student has undertaken no research or investigation or has abandoned it or has otherwise

acted in contravention of the terms upon which the Studentship was granted, they may, at any time, suspend the payment of the monthly stipend

13 The Syndicate shall, whenever practicable, arrange for the publication of such of the researches of Premchand Roychand Students as may appear to be of special value or excellence

14 The names of the Premchand Roychand Students past and present shall be printed in the Calender after the names of the Fellows

15 The Examination for the Studentship under the old Regulations was held for the last time in 1909, and the first award under the new Regulations was made in December, 1910

2

MOUAT MEDAL

The Commission of the Mouat Testimonial Fund made over to the University the sum of Rs 1740 to be invested in six per cent Municipal Debentures with the request that the University would apply the annual interest to carry out the following purposes —

1 That two Annual Gold Medals be instituted to be named the Mouat Medals

2 That a Medal be awarded to each Premchand Student at the end of the term of his studentship, provided he has carried on research or investigation in accordance with Regulations under which the studentship is awarded

3 That the Medals be presented publicly to the successful students at the Annual Convocation for conferring degrees

4 That in the event of a deficiency in the Fund, the balance required be contributed from the University Fee Fund

The Senate at the annual meeting in 1872 thankfully accepted this benefaction for carrying out the object of the Fund

MEDALLISTS

1874	Bandyopadhyay, Biharilal	Presidency College
1876	Batabyal Umeshchandra	Sanskrit College
1877	Mulraj	Lahore College
1878	Lahiri, Prasannakumar	Presidency College
1879	Kennedy, Pringle	Teacher
1880	Majumdar, Nilkantha	Presidency College
1881	Agasthi, Suryyakumar	Ditto
1882	Gupta, Asutosh	Ditto
1884	Majumdar, Ramchandra	Ditto
1885	Bandyopadhyay, Rajendrachandra	Sanskrit College
1886	Mukhopadhyay, Asutosh	Presidency College
1888	Trivedi, Ramendrasundar ..	Ditto
	Basu, Abinashchandra	Ditto
1890	Majumdar, Upendralal	Ditto
1891	Wheeler, E. M	Bishop's College
1892	Ghatak, Mohinikanta	Presidency College
1893	Holland, Mary Florence	Private Student
1894	Bhaduri, Jyotibhushan	Presidency College
1895	Bandyopadhyay Satischandra	Agra College
1896	Chakrabarti, Jnansaran	Presidency College
1897	Sarkar, Jadunath	Ditto
1898	Brahmachari, Indubhushan	Ditto
1899	Sen, Priyanath	Ditto

1900	De, Krishnaprasad ...	Pres Coll and Genl. Assembly's Instn
1901	Bhattacharyya, Krishnachandra	Presidency College
1902	Sen, Jatindranath	Ditto [College
1903	Mukhopadhyay, Adityanath	F C of Scotland's Institution and Duff
1904	Gangopadhyay, Phanindralal	Presidency College
1905	Mukhopadhyay, Radhakumud	Ditto
1906	Niyogi, Panchanan	Ditto
1907	Ghosh, Praphullachandra	Ditto
1908	Basak, Nabagauranga	Ditto
1910	Bagchi, Haridas	Non Collegiate Student
,,	Sarkar, Anukulchandra	Ditto
1911	Ray, Manmathnath	Ditto
,,	Sengupta, Hemendrakumar	Ditto
,,	Majumdar, Surendranath	Ditto
1912	Majumdar, Rameschandra	University Student
1913	De, Bimanbihari	Ditto
,,	Mukhopadhyay, Girindralal	Scottish Churches College
,,	Bandyopadhyay, Gauranganath	Presidency College
1914	Mukhopadhyay, Bhujangabhushan	Ditto
,,	Gangopadhyay, Surendramohan	Scottish Churches College
1915	Mukhopadhyay, Radhakamal	Non-Collegiate Student
,,	Law, Narendranath	Presidency College
,,	Bandyopadhyay, Sudhansukumar	Ditto
1916	Datta, Rasiklal	Ditto
,,	Ghosh, Brajendranath	University Student

3

JUBILEE RESEARCH PRIZES

1 In commemoration of the Jubilee of the University, prizes shall be instituted for the promotion of research by its graduates

2 Out of the University Reserve Fund a sum of Rs 30,000 (thirty thousand) shall be set apart and called the Jubilee Research Prize Fund

3 Out of the income of the aforesaid Fund two prizes shall ordinarily be awarded every year Each prize shall consist of a gold medal of the value of Rs 150 and a sum of Rs 350 in cash

4 One prize shall be awarded for research in Arts subjects and another for Research in Scientific subjects The Arts Subjects include Literature, Oriental languages, Philology Archæology, History, Economics, Philosophy and cognate branches of knowledge The Scientific subjects include Pure and Applied Mathematics and the different branches of Natural and Physical Science.

5 Not later than the 1st of March in every year the Syndicate shall invite the Members of the Senate to make suggestions with reference to definite problems which they consider to be suitable subject for investigation, such suggestions to reach the Registrar not later than the 31st of May It shall be the duty of each Member who makes suggestions to show that it is possible to carry out the suggested research with the means available in this country Not later than the 30th of June in every year the Syndicate shall determine and announce two subjects, one in Arts and one Scientific, in which prize shall be awarded in the second year, following that in which the announcement is made The announcement shall specify as accurately as practicable the particular problem or class of problems in which research is invited

6 The prize shall be open to all persons who have at any time been admitted to a degree in the University

7 Every thesis shall be sent privately to the Registrar not later than the 30th of June in the year next but one succeeding that in which the subjects are announced Every thesis shall bear a motto but not the name of the candidate and shall be accompanied by a sealed envelope bearing the same motto outside and containing inside the name and address of the candidate

8 Every candidate shall indicate generally in a preface to his thesis and specially in notes the sources from which his information is taken, the extent to which he has availed himself of the work of others and the portions of the thesis which he claims as original he shall further state whether his research has been conducted independently, under advice, or in co-operation with others and in what respects his investigations appear to him to tend to the advancement of knowledge,

9 As soon as may be after all the theses have been received, the Syndicate shall have them adjudged by Boards of Examiners there shall be one Board for the theses on the Arts subjects and another for those on the Scientific subjects It shall be an instruction to the Boards not to recommend any thesis for a prize unless it exhibits a sufficient standard of excellence,

10 Not later than the 30th September in every year, the Syndicate shall, upon the reports of the Boards (which shall be published in the Minutes) award the prizes

11 If in any year it is reported that there is no thesis worthy of either of the prizes, the prize shall not be awarded, and a prize not so awarded may, at the discretion of the Syndicate, be awarded in the same or in any subsequent year to the author of a thesis upon any subject which may be declared worthy of the prize by the Board of Examiners

12 Any Board of Examiners shall be at liberty, in recommending a particular thesis for a prize, to include in their reports the names of any other thesis which, in their opinion, deserve considerable praise or commendation

13 Every candidate shall be at liberty to publish his thesis and the thesis of every successful candidate shall be published by the University The Syndicate may also, at its discretion, publish any thesis which has been specially commended

14 The first announcement of the subjects for the prizes was made before the 30th June, 1908

SUBJECTS FOR 1920

Literary Subject

(*i*) A comparative Study of European and Indo-Sanskrit comedies
(*ii*) The Basis meaning and development of Indian Nationality

Scientific Subject

Determination of nutritive principles (proteid, fat carbohydrate, salts and water, in the following Indian food-stuffs –

(*i*) Indian Rice—any six common varieties
(*ii*) Dal—Moong, Kalai, Arhar, Chhola and Motor
(*iii*) Wheat flour—Maida, Atta, Wholemeal flour
(*iv*) Chhana—Fresh milk curd
(*v*) Dohi—Sour milk
(*vi*) Fish –Rohi, Hilsa, Magoor, Bhetki, Koi, Parse, Mango Fish
(*vii*) Fruits- Mangoes, Jack fruits (raw and ripe) and their seeds, Bael, Pineapple, Orange, Guava Plantains green and ripe), Groundnut Cocoanut
(*viii*) Vegetable Patal, Sweet Pumpkin (Bilati Kumra) and Munkachu

SUBJECTS FOR 1921

Literary Subject

The influence of European thought on Bengali Literature from 1857—1900

Scientific Subject

Examination of analogies between the motion of a system of rigid bodies having n degrees of freedom and the motion of a particle in n way space (Webster's Dynamics)

SUBJECTS FOR 1922

Literary Subject

(i) Drama as a reflection of National life and character in Bengal
(ii) The basis, meaning and development of Indian Nationality

Scientific Subject

(i) The Bacteriology and Chemistry of the tobacco ordinarily used in *Hukka*
(ii) The mango blight

PRIZE WINNERS

1913

Bandyopadhyay, Rakhaldas M A — An Essay on the Origin and History of the Bengali Alphabet

1914

Dhar, Nilratan, M Sc — Chemistry of the Nitrits

1916

Chakrabarti, Nilmoni — The Geography of Kalidasa

1917

Chattopadhyay, Sunitikumar, M A — Comparative Philology with special reference to Bengali dialects

1918

Bandyopadhyay, Jyotirmay, M B — An equiry into the state of vision of Indian students in Calcutta with special reference to myopia at different ages and investigation of the factors supposed to influence the progress of myopia

4

GRIFFITH MEMORIAL PRIZE

In August, 1901, Registrar received from Messrs Winter Bothamly & Co, Solicitors, London, a sum of Rs 25 935-0 9 being the value, deducting costs of the one-tenth share of the residuary Estate, bequeathed to the University by the late Mr. William Griffith A Sub-Committee of the Syndicate consisting of the Hon'ble the Vice-Chancellor, the Rev Fr E Lafont, S J, C I E, M I E E. Alex Pedler Esq, C I E, F R S, and the Hon'ble Dr Asutosh Mukhopadhyay M A, D L, F R S, F R S E, was appointed to consider the question as to the disposal of the amount In December, 1901, a further sum of Rs 60 was received from Messrs Winter Bothamley & Co, on account of assest sold since the division of the estate, thus making the total value of the bequest Rs 25 995-0 9 The amount was invested in 3½ per cent Government Securities of the nominal value of Rs 26,800 Out of the interest of this fund, the Syndicate have decided to award an annual prize to be called the "Griffith Prize"

The following rules recommended by the Sub-Committee were adopted by the Syndicate at their meeting held on the 14th December, 1901—

An Annual Prize to be called the Griffith Prize, will be awarded by the University for the encouragement of advanced study in Science and Letters.

All persons who have taken the Degree of Bachelor in the Faculty of Arts or the corresponding Degree in any other Faculty in this University, will be allowed to compete. The Prize will be awarded in Science and Letters, in alternate years.

Candidates for the Prize will be required to submit an Essay or a record of original work in some Department of Science or of Letters, as the case may be, and each candidate will be required to send his Essay or record of work to the Registrar under a distinguishing motto. The name of the candidate must be forwarded at the same time in sealed envelope with the motto outside.

Honorary Examiners will be appointed by the Syndicate to adjudicate upon the merits of the work submitted by the candidates.

If in any year no prize is awarded by reason of no candidate having shown sufficient merit to entitle him to the prize, the income of that year may be utilized in awarding a second Prize in the next or in any subsequent year.

The Griffith Prize for 1919 will be awarded by the Syndicate in the course of 1920, and the subject for such Prize will be an Essay or record of original work in some Department of Letters. Candidates are to send in their Essay or records of original work on or before the 31st December of the year for which the Prize to be awarded.

The value of the Prize for 1919 will be Rs. 900.

PRIZE WINNERS.

1902

De, Babu Krishnaprasad, M.A.	Reflection and Double Refraction
Sen, Babu Jatindranath, M.A.	Decomposition of Mercuramonium Salts under the influence of Heat
Chatterjee, Babu Gopalchandra, M.B.	Parasite in Anopheles

1903

Maitra, Babu Hemendrachandra, M.A.	'Emerson' and 'Work and Wages'

1904

De, Babu Krishnaprasad, M.A.	Cubic Curve
Chatterjee, Babu Gopalchandra, M.B.	Cultivation of Trypanosoma out of Leishman Donovan bodies
Brahmachari, Babu Indubhushan, M.A.	Line Infinity

1905

Ghosh, Babu Praphullachandra, M.A.	India as known to Ancient and Mediæval Europe

1906

Niyogi, Babu Panchanan, M.A.	On the formation of Ethyl Nitrite and Nitro-Ethane by the interaction of alkyl Sulphates with the Nitrites of the Alkali metals and metals of the Alkaline-earths

Gangopadhyay, Babu Phanindralal, M A	Binary Stars
Chattopadhyay Babu Gopalchandra M B	On a specific thermolabile toxine found in culture media of the bacilli of the Typhoid group and its application in the differentiation of these bacilli

1907

Vidyabhushan, Mahamahopadhyay Satis chandra, M A, Ph D	A short History of the Mediæval School of Indian Logic
Sarkar, Babu Jadunath M A	The great War in Bengal, 1658-60

1908

Mukhopadhyay Babu Syamadas, M A	Infinitesimal Analysis of an Arc of any plane curve

1909

Mukerjee, Dr Girindranath, B A, M D	Surgical Instruments of the Hindus

1910

Mukerjee Dr Syamadas M A Ph D	Osculating Hyper-spheres to Hyper-twisted Curves of five and higher dimensions
Brahmachari, Rai Bahadur Upendranath M A, M D Ph D	On a new method of testing blood and on some new facts regarding the constitution of Onychrayles

1911

Mukerjee Dr Girindranath B A M D	Notices biographical and bibliographical, of the Indian Physicians and their works on Medicine

1912

Mukerjee, Dr Syamadas, M A, Ph D	A Problem in endless dimensions
Ghosh, Mr Ekendranath, M Sc, I M S	The Anatomy of Atopos

1913

Ghulam Yazdani M A	Jihanara a study
Dutta, Mr Nalinikumar, M A	The Rigveda as a history
Mukerjee, Dr Girindranath B A, M D	The Science of Medicine in the Atharva Veda

1914

Dhar, Mr Nilratan, M Sc	Catalysis

1915

Dasgupta, Babu Surendranath	The Philosophy of Patanjali
De, Babu Susilkumar	The Early European Writers in Bengali

1916

Datta, Dr Rasiklal D Sc	Manufactures of the Halogens

1917.

Majumdar, Dr. Rameschandra, Ph. D.	M.A.	Corporate activities in the Political and Economic Life of Ancient India.
Basak, Babu Radhagobinda, M.A	...	New historical data for the Gupta Period of Indian History from the copper-plate Inscriptions recently discovered at Damodarpur.

1918

Bhattacharyya, Babu Durgaprasanna	Vector Calculus and the steady motion of a Solid in Liquid.

1919

1 The Prize of Rs. 900 was divided equally among the authors of the following theses —

Name of Author	Name of Thesis
(*a*) Raychaudhuri, Mr Hemchandra, M.A	The Political History of India from the accession of Parikshit to the coronation of Bimbisara
(*b*) Dutt, Mr. Sukumar, M A., B L	An essay on the Vinayapitakam and early Buddhist Monasticism in its growth and development.
(*c*) Ghatak, Mr. Jyotischandra, M A ...	Social Life in Ancient India.

2 Two additional prizes of Rs 100 each were awarded to the authors of the following theses —

Name of Author.	Name of Thesis
(*a*) Bhattasali, Mr Nalinikanta, M.A	Chronology of the early independent Sultans of Bengal
(*b*) Bhattacharyya, Mr. Batuknath, M.A	A brief survey of the Sahitya-Sastra

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5

BEERESHUR MITTER MEDAL

R. Mitra, Esq, Bar-at-Law, made over to the University, Government Securities for Rs 3,000 for the purpose of creating an endowment on the following conditions —

1. A gold medal, to be called the "Beereshur Mitter Medal," will be annually awarded by the Syndicate, at their monthly meeting in December, to the author of the best Essay in English on some subject (as hereinafter provided for) relating to *Indian Economics*

2. The Medal shall bear the University Arms on one side and the words "Beereshur Mitter Medal awarded to .. ," on the other, and shall be presented publicly at the Annual Convocation of the Senate for conferring Degrees.

3. The subject for the Essay for each year shall be specified by the Syndicate and annouced by the Registrar in the official Gazette and in such newspapers as the Syndicate shall think proper at least one year before the award of the Medal

4 The competition for the Medal shall be limited to candidates who have, at any time, been admitted to a Degree in this University

5. Each candidate for the Medal shall be required to send his Essay to the Registrar in a sealed cover under a distinguishing motto The name of the candidate must also be forwarded at the same time in a sealed cover bearing the motto outside

6 The Essays in competition for the Medal must reach the Registrar not later than the 1st of October next preceding the award

7 An Honorary Examiner shall be appointed by the Syndicate, who shall adjudicate upon the merits of the work submitted by the candidates

8 The Medal shall not be awarded to the author of any Essay, unless such Essay furnishes evidence of research or special investigation, or embodies useful suggestions relating to the subject

9 The successful candidate shall be required to publish his Essay

10 The names of the Medallists shall be published in the *Gazette* as also in the University Calendar

11 If in any year, no candidate evinces sufficient merit to entitle him to the Medal, the income of the year shall be added to the Fund, and invested accordingly

12 The first "Beeresher Mitter Medal" shall be awarded in December 1904, and Essays for the Medal must reach the Registrar not later than the 1st of October, 1904

The offer was thankfully accepted by the Syndicate at their meeting held on the 29th August, 1903

Subject for 1917	The effect of War in Europe on the economic conditions of India
Subject for 1918	The Cottage Industries of Bengal,
Subject for 1919	Economics of Leather Industry in Bengal
Subject for 1920	1 Housing Problems in Calcutta 2 Care of child life as a Factor of Social Reform in Bengal
Subject for 1921	Economic Aspect of Rural Self-Government

MEDALLISTS

1905 Ray, Satischandra, M A
1910 Ghosh, Debendranath, B A, F S S

6

SREEGOPAL BASUMALLIK FELLOWFHIP

The following scheme for the Fellowship was adopted by the Syndicate and the Trustees of the donor —

1. In the first instance, a Fellow shall be appointed for a term of three years, whose duty it shall be--

a) to give tutorial assistance to students of Sanskrit generally and students of Vedanta Philosophy in particular

(*b*) to deliver a course of lectures on Vedanta Philosophy,

(*c*) to carry on research in Vedanta Philosophy with a view to enable him to discharge his duties under heads (*a*) and (*b*) satisfactorily

2 With a view to give effect to the object mentioned in 1 (*a*), the Fellow shall hold classes not less than three times a week during at least thirty-six weeks in the year To such class only such students will be admitted as may have satisfied the Fellow either by submitting to a test to be imposed by him or otherwise that they are qualified by previous training and attainments to profit by his teaching The name of any student may be removed by reason of irregularity in attendance The course of tutorial instruction shall include not only the Vedanta Philosophy but also such preliminary branches of study as may be determined by the Fellow from time to time in consultation with the Syndicate. Twelve of those students will be entitled to a monthly stipend of Rs. 10 (rupees ten) to be paid during good conduct and upon satisfactory progress made in their studies An annual examination shall be held upon the result of which the best student will be awarded a gold medal of the value of one hundred rupees and also a prize of Rs 500 The annual examination shall be open to graduates and to holders of certificates at the Sanskrit Title examination of such standing as the Syndicate may approve

3 With a view to give effect to the object mentioned in 1 (*b*), the Fellow shall annually deliver a course of public lectures on Hindu Philosophy in general and Vedanta Philosophy in particular These lectures must not be less than twelve in number to be delivered not more than once a week The substance of these lectures, as also the result of any original research or investigation made by the Fellow under 1 (*c*) above shall be published in a volume at the close of every year

4 The remuneration of the Fellow shall be as follows —

(*a*) A stipend of Rs 125 a month

(*b*) A lump sum payment of Rs 1,400 at the end of the year, out of which the expenses of printing 500 copies of the lectures, shall be met, 400 of which shall be placed at the disposal of the University and 100 at the disposal of the founder's representative for free distribution

5 The Fellow must submit a quarterly report to the Syndicate as to the manner in which he has been discharging his duties

6 The mode of election shall be as follows —

Persons who have made a special study of the subject shall be invited by notices and advertisements in the newspapers to send in their names together with a synopsis of the proposed lectures to the Syndicate who shall select at least three persons out of the applicants and send their names to the Trustees, who shall within one week thereafter notify their choice, which will be accepted by the Syndicate

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TERMS OF SETTLEMENT AS DECREED BY THE HIGH COURT OF JUDICATURE AT FORT WILLIAM IN BENGAL ON THE 29TH OF JULY, 1920

Scheme of 1900 stands as modified below —

1 It is to be for a period of three years only from 1st July, 1920 To be renewed thereafter on such terms as may be mutually agreed upon six months before expiration of the period either party may move the other for such removal

2 Trustees to pay minimum sum of Rs 3,000 a year for three years If balance exceeds that amount, such balance to be paid up to Rs 5,000

3 Durgacharan Sankhya-Vedanta-tirtha to be appointed for three years from the 1st August, 1920, on a salary of Rs. 1,700 a year which is to cover the expenses of the publication of his lectures He will be at liberty to publish his lectures in one or three volumes yearly or at the end of the period

4. The University will use part of the money so paid as monthly stipends for 10 students at the rate of Rs 10 a month and will also provide a gold medal for Rs 100

5 In the event of the University receiving more than Rs 3,000 and up to Rs 5,000, the excess to be applied for additional stipends to 5 more students at the same monthly rate, in the 1st instance, and then apply any further balance for publication of the lectures which is also to be paid to the fellow, prizes and such other purposes, in connection with the Trust as the Trustee and the University may agree upon

6 In the event of the Fellow vacating by death or resignation or otherwise before the 1st August, 1922, another Fellow is to be appointed for the unexpired period according to the original scheme for appointment.

7 If the vacancy occurs in the third year, the money for such Fellowship will be paid to the University but no appointment will be made until a new scheme be framed which is to be done as expeditiously as possible

8 The sum of Rs 1,461 balance in the hands of the University, the Trustees agree to be treated as having been properly spent as payment to Pundit Durgacharan for his past services

9 The University will account for unexpended balance at the termination of the three years to the Trustees and such balance will be spent as agreed upon by the Trustees and the University for advancing the same objects and purposes during the next period of three years

10 The selection of a Fellow as in the scheme of 1906.

11 Suit withdrawn on the above terms,

12 Each party to pay his own costs on scale No 2, liberty to tax costs as between attorney and client on scale No 2

13 The Trustees would allow inspection of the books of account of the Trust properties to the authorised agent or agents of the University for the purpose of giving facilities to the University to ascertain the amount of the surplus income available to the University upon reasonable notice.

Fellows

1897 Mahamahaopadhyay Chandrakanta Tarkalankar.
1899 Mahamahopadhyay Chandrakanta Tarkalankar
1901 Mahamahopadhyay Chandrakanta Tarkalankar
1907 Pande Ramavatar Sarma, Sahityacharyya, M.A
1918-23 Pandit Durgacharan Sankya-Vedantatirtha

7

MOKSHADA SUNDARI GOLD MEDAL & NALINI SUNDARI GOLD MEDAL

Babu Onauthnauth Deb made over to the University 4 per cent Port Trust Debentrues of nomial vale of Rs 5,000 for the purpose of creating out of the interest of the sum, two Gold Medals to be called the "Mokshada Sundari Gold Medal" and the "Nalini Sundari Gold Nedal" respectively, to be awarded annually

The Syndicate adopted the following rules for award of the medals —

1 Out of the interest ot the sum of Rs 5,000 placed at the disposal of the University by Babu Onauthnauth Deb, two Gold Medals, to be called the "Moksada Sundari Gold Medal" and the "Nalini Sundari Gold Medal" respectively, shall be annually awarded by the University The Medal shall be presented to the recipients at the annual Convocation of the Senate

2 The "Mokshada Sundari Medal" shall be awarded for the best essay written in Bengali by a Lady Graduate of this University on a historical or biographical subject to be prescribed by the Syndicate on the recommendation of the Board of Studies in Sanskritic Languages, at least one year in advance of the date when the medal is to be awarded

3. The 'Nalini Sundari Medal" shall be awarded for the best poem in Bengali by a Lady Graduate of the University on a subject to be prescribed by the Syndicate on the recommendation of the Board of Studies in Sanskritic Languages, at least one year in advance of the date when the medal is to be awarded

4 Not later than the month of April of the year preceding the year in which the above-named medals are to be awarded, the Board of Studies in Sanskritic Languages shall elect and recommend to the Syndicate a historical or biographical subject for the Essays to be submitted in competition for the "Mokshada Sundari Medal" and also a subject for poems to be submitted in competition for the "Nalini Sundari Medal" The subjects so selected, when approved by the Syndicate shall be notified in the *Gazette*

5. Every candidate for each of the two aforesaid medals shall be required to submit not later than the 30th November in any year, an essay or poem, as the case may be, on the subject selected for the medal for that year to the Registrar under a distinguishing motto The name of the candidate must also be forwarded at the same time in a sealed envelope with the motto outside

6. Honorary Examiners shall be appointed by the Syndicate to adjudicate upon the merits of the essays and the Poems submitted by the candidates. In adjudging the essays submitted, preference shall be given to the one which indicates research or investigation by the author The Essay and the poem of the two successful candidates shall be published by the University.

7 The names of the Medallists shall be published in the *Gazette* as well as in the University Calendar

8 If in any year no essay or poem is submitted, or the essays or poems sent in are adjudged by the Examiners to be not worthy of a medal, a second medal or a medal in a second subject shall be awarded in a subsequent year as the Syndicate may direct.

9 Notwithstanding anything to the contrary in Rule 3, the subjects for the aforesaid medals for 1912 and 1913 were determined and announced earlier.

MOKSHADA SUNDARI GOLD MEDAL

Subject for 1918	.. Victoria the Good
,, 1919	Bharate British Sammrayya Sangsthaner Itihas
,, 1920	. Sivaji
,, 1921	Padmini

NALINI SUNDARI GOLD MEDAL

Subject for 1918	. Indraprastha
,, 1919	. Baranasi
,, 1920	Bhagirathi
,, 1921	Himalaya

MEDALLIST

1912 Miss Jyotirmayi Ganguli (Mokshada Sundari and Nalini Sundari Medallist)

8

ONAUTHNAUTH DEB PRIZE FOR THE PROMOTION OF RESEARCH IN LAW

Babu Onauthnauth Deb made over to the University 4 per cent Port Trust Debentures of the nominal value of Rs 25,000 for the institution of an annual Prize consisting of a Gold medal worth Rs 250 and Rs 750 in cash to be called Onauthnauth Deb Research Prize to be awarded by the University for the promotion of Research in Law

The Syndicate on the recommendation of the Faculty of Law adopted the following rules for the award of the prize —

1 An annual prize consisting of a Gold Medal worth Rs 250 and Rs 750 in cash, to be called the "Onauthnauth Deb Research Prize" shall be awarded by the University for the promotion of Research in Law The medal shall be presented to the recipient at the Annual Convocation

2 The competition for the Prize shall be open to all persons who have, at any time, been admitted to a Degree in the University of Calcutta.

3 A subject for research in any branch of Jurisprudence or Law shall be annually selected by the Faculty of Law in the first week of December at least two years in advance of the date when the Prize is to be awarded The subject so selected when approved by the Syndicate, shall be notified in the *Gazette* for general information

4 Each candidate for the Prize shall be required to submit not later than the 30th November in any year a thesis or record of original work in the subject selected for the prize of that year and to send three type-written or printed copies of his thesis or record of work to the Registrar under a distinguishing motto The name of the candidate must also be forwarded at the same time in a sealed envelope with the motto outside.

Explanation —The thesis for the Prize in any year must be submitted not later than the 30th November of the preceding year.

5. Every candidate shall further be required to indicate generally in preface to his thesis and specially in notes, the sources from which his information is taken, the extent to which he availed himself of the work of others and the portions of the thesis which he claims as original He shall also be required to state whether his research has been conducted independently, under advice, or in collaboration with others, and in what respects his investigations appear to him to tend to the advancement of knowledge.

6 A Board of Honorary Examiners, consisting of three experts, shall be appointed by the Syndicate on the recommendation of the Faculty of Law to adjudicate upon the merits of the thesis or records of original work submitted by the candidates The award of the Board of Examiners shall be subject to the eventual confirmation of the Senate and the thesis of the successful candidate shall be published by the University

7. The name of the Prize Winner and the subject of his thesis shall be published in the *Gazette* and shall also be printed in the University Calendar.

8 If, in any year, no thesis is received or the theses submitted are pronounced by the Board of Examiners not to be of sufficient merit to deserve the prizes a second prize or a prize in a second subject shall be awarded in a subsequent year as the Syndicate may direct

9 Notwithstanding anything to the contrary in Rule 3, the subjects for 1912 and 1913 shall be determined and announced as early as practicable

SUBJECT FOR 1921

Scope and purpose of Sociological Jurisprudence

SUBJECT FOR 1922

Law of the Air, International and Municipal

Prize-winners

1912

NAME	SUBJECT
Mukerjee, Radharaman, B L	... The origin and growth of the right of Occupancy in agricultural land and the Incidents thereof
	1917
Ghosh, Praphullachandra, B L	... Effects of War on contracts
	1918
Gupta, Atulchandra, M A , B L	. The Law of Trading with the Enemy
	1919
Ghosh Prabodhchandra, M A , B L	. Legal aspect of Strikes and the cause, efficacy and justification of Legislation to prevent them.
	1920
Banerjee, Pramathanath, M.A , B L	... International Law in Ancient India

9

JOGENDRACHANDRA GHOSE'S RESEARCH PRIZE IN COMPARATIVE INDIAN LAW.

In January, 1902, the late Babu Jogendrachandra Ghose, Member of the Senate, offered to place at the disposal of the Calcutta University, Government Securities of the nominal value of Rs 10,000 of the loan of 1865 for the encouragement of the study of Comparative Indian Law, by persons belonging to what is called the *Adhyapak* class in Bengal, and for the purpose of establishing, out of the annual income of the fund, a prize to be awarded to the writer of the best Essay on the subject under the following conditions :—

(i) By Comparative Indian Law shall be meant the Hindu Smriti Sastra, called "*Vyabahar-khhanda*" and a comparison of the standard Sanskrit authorities on the subject with British Indian Law as contained in Parliamentary Statutes, Regulations and Acts of the Indian Legislative Councils, and the Law as laid down in Leading Cases. The study, which it shall be the object of the prize to encourage is the History of the Hindu Smiti Sastra as it existed at and from the time when India came under British rule and how and to what extent it has been altered under British influence, regard being had not only to the existing Statutes, Regulations and Acts but also to those which, having been in operation for a time, have now been repealed or become obsolete and regard being also had not only to the existing Leading Cases but to cases which were considered Leading at one time, but have now been overruled, and how and to what extent such alteration has affected Hindu Society

(ii) The Essay, at the discretion of a Committee consisting of the Vice-Chancellor for the time being of the University, the President of the Faculty of Law and the Principal of the Government Sanskrit College in Calcutta may deal with the whole of the Indian Comparative Law as before defined or with part or parts thereof, but in no case shall an essay be entitled to competition which in any way attacks the religious beliefs, usages or institutions of His Majesty's subjects And it shall be in the province and discretion of the said Committee (*a*) to make a detailed programme of studies for the proposed prize, (*b*) to name the subject of the essay for any one particular year, and (*c*) to decide whether such prize shall be awarded every year or at longer intervals

(iii) By *Adhyapak* shall be meant scholars of the Smriti Sastra, students of Smriti in the Government Sanskrit College in Calcutta, and in the *Tols* of indigenous Brahmanical schools which send in candidates for the Title Examination held in that College, and students in other similar institution in India

(iv) Every candidate for the Prize shall be required to indicate generally in a preface to his thesis and specially in notes, the sources from which his information is taken, the extent to which he has availed himself of the work of others and the portion of the thesis which he claims as original He shall further be required to state whether his research has been conducted independently, under advice or in co-operation with others, and in what respects his investigations appear to him to tend to the advacement of knowledge

(v) Successful candidates shall be required to publish their essays, and, if necessary, they shall receive help from the University for the purpose

(vi) The essay or essays shall be written either in English or in Bengali, but if any competitor sends in an essay in any vernacular language other than Bengali he shall be bound to furnish English translation thereof

(vii) The adjudicators for the prize shall be the Vice-Chancellor of the University, the Chief Justice of Bengal, the President of the Faculty of Law,

and the Principal of the Sanskrit College in Calcutta They shall be entitled to consult experts of their own selection to assist them (*a*) to decide whether the essay or essays in competition is or are of sufficient merit to deserve the prize, (*b*) to award such prize, (*c*) to decide about the number of manuscript copies of each essay to be sent in by the successful competitors, and (*d*) to consider the ways and means of the publication of any essay or essays

(viii) The Prize shall be called the "Research Prize in Comparative Indian Law

The offer was thankfully accepted by the Syndicate at their meeting held on the 8th February 1902

Subject for 1910 — Does the estate of a Hindu woman, who has lapsed into prostitution, pass, on her death, by inheritance to her undegraded relations by blood or by marriage

PRIZE-WINNERS

1906

NAMES	SUBJECTS
Pandit Rajendranath Vidyabhushan	The Theory of Adoption
Pandit Durvasula Sriram Sastri	Ditto

1909

M Subramaniam	Legal consequences of unchastity in Hindu Law

10

COATES MEMORIAL PRIZE

On the 29th May, 1889, the Honorary Secretary Coates Memorial Fund made over to the University the sum of Rs 2, 270-5-0 for the purpose of creating an endowment for the award of prize for Original Research in Medicine

The following revised Rules for the award of the Coates Memorial Prize were adopted by the Syndicate at their meeting, held on the 8th March, 1912 —

(1) The Coates Memorial Prize shall be annually awarded by the Syndicate on the recommendation of the President of the Faculty of Medicine for the time being

(2) An annual notification inviting applications from candidates who intend to compete for the prize shall be published by the Registrar in the *Calcutta Gazette* early in the year

(3) The prize shall be awarded to the best writer of a thesis on any indigenous drug or drugs to be selected by the competitor himself, subject to the approval of the President of the Faculty of Medicine

(4) The names of the drugs so selected must be submitted to the Registrar for the approval of the President of the Faculty of Medicine within three months from the date of the annual notification of the prize in the *Calcutta Gazette*.

(5) The names of the drugs approved by the President of the Faculty of Medicine, shall, as soon as possible, be communicated to the candidates who submitted their applications within the time specified in Para 4 of the Rules

(6) No prize shall be awarded for a thesis on any drug which has not been approved by the President of the Faculty of Medicine

(7) The thesis must be written in English, and it must be submitted to the Registrar not later than the 30th November of each year in a sealed cover with the words "Thesis for the Coates Memorial Prize" and the name of the writer distinctly stated on it

(8) The President of the Faculty of Medicine may examine the thesis himself or delegate it to some expert member or members of the faculty, whose decision shall be final

(9) The writer of the thesis must be a graduate in Medicine of the Calcutta University who has been engaged in the practice of the profession for at least five years

(10) The names of the prize winners shall be published in the Gazette and shall also be printed in the University Calendar

Out of the above sum made over by the Honorary Secretary Rs. 2,000 have been invested in 3½ per cent Government Promissory Notes

PRIZE-WINNERS

1901 Rai Chunilal Basu, Bahadur M.B., F.C.S
1908 Mr Lalmohan Ghoshal, L.M.S
1911 Rai Harinath Ghosh, Bahadur, M.D

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II

MAHARAJA OF DURBHANGA SCHOLARSHIP

On the 29th of August, 1906, Honorary Secretary to the Maharaja of Durbhanga Memorial Fund made over to the University a sum of Rs. 9,279-12-2 for the purpose of creating an endowment for the award of a Scholarship to be called the "Maharaja of Durbhanga Scholarship" for the furtherance of medical studies.

The offer was thankfully accepted by the Syndicate at their meeting held on the 15th September, 1910

The following rules for the award of the Scholarship have been adopted by the Syndicate

1 That the scholarship shall be called the "Durbhanga Research Scholarship," and that it shall be awarded for the purpose of encouraging original research in Medicine in its various branches

2 That all Graduates and Licentiates in Medicine of the Calcutta University shall be eligible to compete for the scholarship

3 That the value of the scholarship shall be Rs. 50 a month, that it shall be awarded every alternate year and that it shall be tenable for one year only from July to June

4 That the scholarship shall be awarded under the following conditions --

(*a*) That the scholar shall be appointed by the Syndicate on the recommendation of the Faculty of Medicine

(*b*) That the scholar shall be required to devote at least 4 (four) hours a day, Sundays and holidays excepted, during the tenure of his scholarship, to research work in any special branch of Medical Science to be previously selected by him and approved by the Board of Studies in Medicine and that his work shall be open to inspection by a member of the Faculty of Medicine to be specially deputed by the Faculty in that behalf

(*c*) That the applications for the scholarship shall be invited by the Registrar in the month of January of the year in which the scholarship is to be awarded and that such applications must reach the University office not later than the 30th of April next following Every candidate must state in his application the special subject or branch of Medical Science in which he proposes to carry on investigation or research work, and must also state in what respects his investigations appear to him to tend to the advancement of Medical studies He shall also state in his application the place where he intends to carry on his research work If in a recognised Laboratory or Hospital, a recommendation from the Head of such Laboratory or Hospital as to the fitness of the candidate to conduct such work and the probable value of such work, must accompany the application If the candidate intends to carry on his investigations privately, his application must be supported by a certificate to the above effect from a member of the Faculty of Medicine.

(*d*) That during the tenure of his scholarship, every Research scholar shall be required to submit short quarterly reports of his work to the member of the Faculty of Medicine who may be deputed to inspect his work and upon whose favourable report the continuance of his scholarship shall depend

(*e*) Each scholar shall, at the end of his tenure of scholarship submit a complete statement, typewritten or otherwise ready for publication which shall be laid before the Faculty of Medicine who shall, if publication be deemed advisable, decide all questions in connection therewith

v

SCHOLARS

1909 Brahmachari, Upendranath, M.A , M D.
1911 Ghoshal, Lalmohan, L M S
1919 Banerjee, Jyotirmay, M B

12

THE HON'BLE MAHARAJA SIR MANINDRA CHANDRA NANDI, K.C I E, OF COSSIMBAZAR'S INDIAN MATHEMATICS AND ASTRONOMY RESEARCH FUND

The Hon'ble Sir Maharaja Manindra Chandra Nandi of Cossimbazar paid the first instalment of his promised donation of Rs. 20,000 (to be paid in five annual instalments of Rs 4 000 each) for publishing the text and translations of

works on ancient Indian Mathematics and Astronomy, so that Sanskrit works on these subjects may yet be rescued and made available to the learned world Dr. G Thibaut, C I E, Ph D, D Sc who was appointed to prepare a scheme for giving effect to the above proposal died in October, 1914 Since than Mr Phanindralal Ganguli, M A, Asst Professor of Ancient Indian History and Culture and University lecturer has been entrusted with the work

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13

SIR RASHBEHARY GHOSE SCHOLARSHIPS

Out of the income of Sir Rashbehary Ghose's Endowment, eight Studentships, of the annual value of nine hundred rupees each are to be annually awarded by the Syndicate, on the recommendation of the Board of Management of Sir Rashbehari Ghose's Endowment, to distinguished graduates who have taken the degree of Master in Faculty of Arts or Science and who shall devote themselves exclusively to researches in their special subjects and shall not, so long as they hold the scholarship engage in the study of Law or any other branch of professional knowledge Two scholars are to be attached to each of the four Sir Rashbehary Ghose Professors, to carry on investigation under his guidance and generally to assist him in his work of original research

SCHOLARS FOR 1920

Applied Mathematics

Dsgupta, Sukumarranjan, M A

Physics

Datta, Abanibhushan, M A
Ghosh Satyendrakumar, M Sc

Chemistry

Gupta, Lilananda, M Sc
Mitra, Panchkari, M Sc

14

SIR TARAKNATH PALIT RESEARCH SCHOLARSHIPS

In accordance with Section VII of the conditions stated in the first Trust Deed of Sir Taraknath Palit, scholarships are awarded by the Syndicate, on the recommendation of the Governing Body of the College of Science, on such advanced students for the degree of Master of Science or Doctor of Science, as may receive training or carry on research work under the Palit Professors

On the recommendation of the Governing Body of the College of Science the Syndicate awarded Research Scholarships to each of the following students —

Physics.

Ray, Bidhubhushan, M Sc
Datta, Govardhanlal, M A
† C Kameswar Rao, M Sc.

Chemistry

Kumar, Kalikumar, M Sc
Ray, Jnanendranath

15

RAMTANU LAHIRI RESEARCH FELLOWSHIP

In August, 1908 Mr S K Lahiri placed at the disposal of the University the copyright of his publication known as 'Select Poems' and expressed a desire that part of the income from the sale proceeds of the publication might be applied to the award of two annual gold medals to the two best graduates, one male and one female in Mental and Moral Philosophy at the B A Examination, in memory of his father the late Babu Ramtanu Lahiri and his deceased mother Srimati Grangan mi Devi The offer was thankfully accepted by the Syndicate and since then a considerable balance accumulated to the credit of the Fund The net annual income, after detraying the costs of publication of the book and the medals also amounts on an average of Rs 5000 In these circumstances the Syndicate, at the suggestion of the donor, and with the sanction of the Senate, have under Section 19, Chapter IV of the University Regulations, established a Research Fellowship in History of the Bengali Language and Literature to be maintained out of the income of the above Fund, supplemented by grant from the Fee-fund of the University and have named the Fellowship after the late Babu Ramtanu Lahiri, the father of the donor They have also appointed Rai Sahib Dineschandra Sen, B A, as the first Ramtanu Lahiri Research Fellow for a term of five years on a salary of Rs 250 a month The duties of the Fellow have been defined as follows —

(1) To devote himself to the investigation of the History of Bengali Language and Literature from the earliest times

(2) To deliver annually a course of twelve public lectures embodying the results of his investigation the lectures to be published by the University

(3) To submit to the Syndicate every six months, a report of the progress of work done by him during the preceding six months The followship to be suspended if, on the report of a competent authority, the work done, be not found to be satisfactory or up to the standard expected

Fellows

1913-18 Rai Saheb Dineschandra Sen, B A
1918-23 Rai Saheb Dineschandra Sen, B A

16

IBRAHIM SOLAIMAN SALEHJEE MEMORIAL FUND

Messrs Ismail Ibrahim Salehjee and Hashim Ismail Salehjee offered to place at the disposal of the University a sum of Rs 5,000 annually, at first for a term of five years, for the creation of an endowment for the promotion of study and research in Muhomedan Law by the publication of texts and translations

The offer was thankfully accepted by the Senate at their meeting held on the 8th July, 1916, and the first instalment which was duly paid has been deposited in the Bank of Bengal

17

UPENDRANATH MITRA SCHOLARSHIP

The late Mr Roby Dutt, lecturer of the Calcutta University, bequeathed by his will to the University a legacy of Rs. 10,000 (ten thousand) for the creation of an endowment for the award of a Post-Graduate Scholarship in English Literature in memory of his maternal grand-father the late Babu Upendranath Mitra who was a Vakil of the High Court and an Honorary Fellow of the Calcutta University

The Syndicate at its meeting of the 20th July, 1918, thankfully accepted the legacy

The following rules have been framed for the award of the Scholarship

(1) That the award be made annually on the result of the M A Examination in English

(2) That the Scholarship be awarded to the Student who, after regular training for the full period in the Post Graduate Department in English, distinguishes himself most at the M A Examination in English with a thesis

(3) That the Scholarship be awarded on the condition that the Scholar shall carry on further study and research under the guidance of a University Teacher in English, with a view to qualify himself for a higher examination, such as that for the Premchand Roychand Studentship or the Degree of Doctor of Philosophy, or to compete for a Research Prize, such as the Griffith Prize or the Jubilee Research Prize The continuance of the Scholarship will depend upon the production of a quarterly certificate of satisfactory progress in studies from the University Teacher concerned, and the scholar shall, at the end of his term, submit a full statement of his work

(4) That, until further orders, the Scholarship be of the value of Rs 50 a month and tenable for two years and that a sum of Rs 600 be annually contributed from the general fund of the University to the Endowment Fund, so that the scheme may be effectively carried out

(5) That the names of the scholars be published in the Gazette and in the University Calendar

SCHOLAR

1919 Mukhopadhyay, Ramapasad .. University Student (Presidency College)

18

ANANDARAM BAROOAH GOLD MEDAL

The Assam Students' Conference placed at the disposal of the University through the Hon'ble Sir Asutosh Mookerjee, Kt, C S I, Government Security for Rs 1,100 for the creation of an endowment for the award of a gold medal every alternate year, on the following conditions —

(1) That a gold medal to be called the "Anandaram Barooah Medal" be instituted in memory of the late Mr Anandaram Barooah, B A, I. C S, who was a brilliant Graduate of this University from Assam and subsequently enhanced its reputation by his original contributions in various departments of Sanskrit Learning

(2) That the medal be open for competition amongst all persons who have at any time been admitted to a Degree in this University and be awarded every alternate year

(3) That the medal be adjudged to the author of the best thesis or record of original work on a prescribed subject relating to Sanskrit Learning

(4) That the subject be selected not less than two years in advance by the Board of Higher Studies in Sanskrit The name of the subject selected to be notified in the Gazette and published in the University Calendar for general information

(5) That each candidate for the medal be required to submit not later than the 30th June in the year in which the medal is to be awarded three typewritten or printed copies of his thesis or record of work to the Secretary to the Council of Post-Graduate Teaching in Arts under a distinguishing motto The name of the candidate must also be forwarded at the same time in a sealed envelope with the motto outside

(6) That every candidate be required to indicate generally in a preface to his thesis and specially in notes the sources from which his information is taken, the extent to which he had availed himself of the work of others and the portions of the thesis which he claims as original, and that he be also required to state whether his research has been conducted independently, under advice or in collaboration with others and in what respect his investigations appear to him to tend to the advancement of knowledge

(7) That a Board of Honorary Examiners consisting of three experts shall be appointed by the Council of Post-Graduate Teaching in Arts on the recommendation of the Board of Higher Studies in Sanskrit to adjudicate upon the merits of theses or records of original work submitted by the candidates The award of the Board of Examiners shall be subject to the eventual confirmation of the Council and the thesis of the successful candidate shall be published by the University

(8) That the name of each medalist and the subject of his thesis shall be published in the Gazette and shall also be printed in the University Calendar

(9) That if in any year no thesis is received or the theses submitted are pronounced by the Board of Examiners not to be of sufficient merit to deserve the medal, a second medal or a medal in a second subject may be awarded in a subsequent year as the Council may on the report of the Board of Higher Studies in Sanskrit direct

The offer was thankfully accepted by the Syndicate at its meeting on the 13th September, 1918

Subject for 1920

Bhasâ—His date, the works attributed to him and the Society depicted in his writing

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19

MRINALINI MEDAL

Mr Adharchandra Mookerjee, M.A., B.L., placed in the hands of the Hon'ble Sir Asutosh Mookerjee, Kt., C.S.I., President of the Councils of Post Graduate Teaching in Arts and Science, G.P. Notes amounting to Rs 2,500 for the promotion of Post Graduate Teaching in this University on the following conditions —

1 That a gold medal be instituted to be named "Mrinalini Medal" after the donor's second daughter

2 That the medal be annually awarded to the author of the best thesis embodying the result of original research or investigation in a topic connected with Ancient Indian History and Culture the subject to be prescribed by the Board of Higher Studies in History at least one year in advance and the examination to be conducted according to rules framed by the Board from time to time in that behalf

3 That the medal be open to competition among all graduates of the University of not more than 10 (ten) years standing

4 That the thesis of the successful candidates be published by the University

5 That the medal be presented publicly to the recipient at the annual Convocation for conferring degrees and the name be published in the Gazette and in the University Calendar

The Senate at its meeting of the 30th November 1918, accepted the offer with thanks

The following rules framed by the Higher Board of Studies in History have been adopted —

(i) As a general rule, the subject for the Medal be announced two years in advance

(ii) Each candidate shall be required to submit, not later than the 31st October in the year for which the award is to be made a thesis or record of original work in the subject selected for the year and to send three typewritten or printed copies of his thesis or record of work, to the Secretary to the Post Graduate Council in Arts, under a distinguishing motto The name of the candidate must also be forwarded at the same time in a sealed envelope with the motto outside

(iii) Each candidate shall further be required to indicate generally in a preface to his thesis and specially in notes, the sources from which his information is taken the extent to which he has availed himself of the work of others and the portions of the thesis which he claims as original He shall also be required to state whether his research has been conducted independently, under advice, or in collaboration with others, and in what respects his investigations appear to him to tend to the advancement of knowledge

(iv) A Board of Honorary Examiners consisting of not more than three experts shall be appointed by the Executive Committee on the recommendation of the Board of Higher Studies in History, to adjudicate upon the merits of the thesis or records of original work submitted by the candidates The award of the Board of Examiners shall be subject to confirmation by the Executive Committee and the Council of Post-Graduate Teaching in Arts

Subject for 1919
Bengal under Sher Shah

Subject for 1920
International or Inter-State Law in Ancient India

20

MAHENDRANATH RAY PRIZE AND MEDAL

With a view to promote research by the graduates of the University in the domain of Indian Sociology, Economics and Politics, Mr Satischandra Ray M A, Member of the Senate and University Lecturer in Economics placed in the

hands of the Hon'ble Sir Asutosh Mookerjee, Kt., C S I, President of the Council of Post Graduate Teaching in Arts, one hundred shares in Calcutta Tramways Company (face value five pounds each) to constitute a fund for the following purposes —

(1) That a research Prize and Gold Medal be instituted to be named "Mahendranath Ray Prize and Medal" after the founder's father

(2) That the Prize and Gold Medal be awarded once in every two years to the author of the best thesis embodying the result of original research or investigations in a topic connected with Indian Sociology, Economics and Politics

(3) That the subject for the thesis be prescribed by the Board of Higher Studies in Economics at least two years in advance and the Examination be conducted according to rules framed by the Board from time to time in that behalf

(4) That the Prize and Gold Medal be open to competition among all persons who have at any time been admitted to a degree in the University

(5) That the thesis of the successful candidate be printed and published by the University, on such terms and conditions as may be arranged between the author and the University

(6) That the Medal be presented publicly to the recipient at the Annual Convocation for conferring degrees, and the name of the author together with the title of the thesis be published in the University Calendar and Local Gazette

(7) That the value of the Medal do not exceed Rs 150 and that the balance of the income of the fund for two years be paid in cash to the successful candidate

(8) That if any year no thesis received or the theses submitted are pronounced by the Board of Examiners not to be of sufficient merit, a second prize, or a prize in a second subject, or a prize of enchanced value, be awarded in a subsequent year or years as the Board of Higher Studies in Economics may determine

The Senate accepted the gift with thanks

The following rules framed by the Board of Higher Studies in Economics, have been adopted—

(i) Each candidate shall be required to submit, not later than the 31st October, in the year for which the award is to be made a thesis or record of original work in the subject selected for the year, and to send three typewritten or printed copies of his thesis or record of work, to the Secretary to the Post-Graduate Council in Arts, under a distinguishing motto The name of the candidate must also be forwarded at the same time in a sealed envelope with the motto outside

(ii) Each candidate shall further be required to indicate generally in a preface to his thesis and specially in notes, the sources from which his information is taken, the extent to which he has availed himself of the work of others and the portions of the thesis which he claims as original He shall also be required to state whether his research has been conducted independently, under advice, or in collaboration with others, and in what respects his investigations appear to him to tend to the advancement of knowledge

(iii) A Board of Honorary Examiners consisting of not more than three experts shall be appointed by the Executive Committee on the recommendation of the Board of Higher Studies in Economics to adjudicate upon the merits of the theses or records of original work submitted by the candidates. The award of the Board of Examiners shall be subject to confirmation by the Executive Committee and the Council of Post-Graduate Teaching in Arts.

Subject for 1919

(1) Growth and Movement of the population in Bengal since 1881 and their economic effects

Subject for 1920

(2) Conditions of living of the Middle class people in Calcutta and their effects on the health and morals of the rising generation

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21

RANI RAMRAKSHI GOLD MEDALS

Kumar Pramathanath Mallah of Searsole made over to the University Rs. 5,000 to be invested in 3½ per cent Government Security for the award of two Gold Medals each to be called "Rani Ramrakshi Gold Medal" to the authors of the best theses embodying the results of original research in a topic connected in the case of the first medal, with Hindu Philosophy and, in the case of the second medal, with Vedic studies

The Subjects of the theses to be prescribed by the Board of Higher Studies in Sanskrit at least two years in advance and the Examination to be conducted according to the rules framed by the Board from time to time in that behalf The theses to be composed in Bengali and the Medals to be open to competition among all persons who have been at any time admitted to a degree in this University The theses of successful candidates are to be printed and published by the University The Medals are to be presented to the recipients at the Annual Convocation for conferring degrees and the names of the Medallists to be published in the Calendar and in the Calcutta Gazette

The offer was thankfully accepted by the Senate at its meeting of the 20th March, 1919

The following rules for the examination of the theses for the Rani Ramrakshi Gold Medals were framed by the Board of Higher Studies in Sanskrit, dated the 1st February, 1919—

(i) Each candidate shall be required to submit not later than the 31st October in the year for which the award is to be made, a thesis or record of original work in the subject selected for the year, and to send three copies of his thesis or record of work to the Secretary to the Post Graduate Council in Arts, under a distinguishing motto The name of the candidate must also be forwarded at the same time in a sealed envelope with the motto outside

(ii) Each candidate shall further be required to indicate generally in a preface to his thesis and specially in notes, the sources from which his information is taken the extent to which he has availed himself of the work of others and the portions of the thesis which he claims as original He shall also be required to state whether his research has been conducted independently, under advice, or in collaboration with others, and in what respects his investigations appear to him to tend to the advancement of knowledge

(iii) A board of Honorary Examiners consisting of not more than three experts shall be appointed by the Executive Committee to adjudicate upon the merits of the theses or records of original work submitted by the candidates The award of the Board of Examiners shall be subject to confirmation by the Executive Committee and the Council of Post Graduate Teaching in Arts

Subjects for 1919

For the First Medal	The influence of Sankaracharya in the Religious cults of India
For the Second Medal	Arts and Industries in the Vedic Age

Subjects for 1920

For the First Medal	The Doctrine of Karma
For the Second Medal	... Aryan Manners and Morals as disclosed in the Vedas

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22

NAGENDRANANDINI DE MEDAL

Mr B De, I C S (Retired) and his married daughters in memory of late Mrs. De made over to the University, G P Notes for creating an endowment for the annual award of a gold medal of the value of about Rs. 40 on the following conditions —

(1) That the medal will be called " the Nagendranandini De Medal."

(2) That it will be given for the best essay in English or Bengali on some aspect or branch of the subject " Grihineer Kartabya " for the duties of a house-mother

(3) That it will be open to competition to all graduate and undergraduate female students of this University

The Syndicate at their meeting held on the 5th September, 1919, accepted the offer with thanks

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23

KHUJASTA AKHTAR BANU SUHRAWARDY GOLD MEDAL.

The Hon'ble Dr Abdulla-al-Mamun Suhrawardy made over to the University, War Bond (1938) for Rs 1,000 for the award of a medal to be called "Khujasta Akhtar Banu Suhrawardy Gold Medal" after the donor's sister on the following conditions —

(1) That the medal be awarded once in every two years to the author of the best thesis, embodying the result of original research or investigation in a topic relating to the reciprocal influence of Hindu and Moslem cultures and civilisations

(2) That the subject for the thesis be prescribed at least two years in advance, by a Committee of five members appointed by the Executive Committee of the Council of Post Graduate Teaching in Arts

(3) That the medal be open to competition among all persons who have at any time been admitted to a Degree in this University.

(4) That the theses be composed in English or in an Indian Vernacular

(5) That the Examination be conducted according to rules framed by the Executive Committee in that behalf from time to time

(6) That the theses of successful candidates be published by the University

(7) That the medals be presented publicly to the recipients at the Annual Convocation for conferring degrees and their names together with the titles of the theses be published in the University Calender and in the local gazette

The offer was thankfully accepted by the Senate at its meeting of the 29th March, 1919

The following rules for the award of the medal were framed by the Executive Committee of the Council of Post Graduate Teaching in Arts at their meeting held on the 17th January, 1919 :-

(1) Each candidate shall be required to submit, not later than the 31st October in the year for which the award is to be made, a theses or record of original work in the subject selected for the year, and to send three type-written or printed copies of his thesis or record of work, to the Secretary to the Post Graduate Council in Arts, under a distinguishing motto The name of the candidate must also be forwarded at the same time in a sealed envelope, with the motto outside

(ii) Each candidate shall further be required to indicate generally in a preface to his thesis and specially in notes, the sources from which his information is taken, the extent to which he has availed himself of the work of others and the portions of the thesis which he claims as original He shall also be required to state whether his research has been conducted independently, under advice, or in collaboration with others, and in what respects his investigations appear to him to tend to the advancement of knowledge

(iii) A Board of Honorary Examiners consisting of not more than three experts shall be appointed by the Executive Committee to adjudicate upon the merits of the theses or records of original work submitted by the candidates The award of the Board of Examiners shall be subject to confirmation by the Executive Committee and the Council of Post Graduate Teaching in Arts.

MEDALLISTS

1919

The Hon'ble Dr A Suhrawardy M.A, Ph.D Bandyopadhyay, Mr Pramathanath M A, B.L	The story of Nala as narratted by Vyasa and Faizi—a comparison and a contrast

Subject for '921

Bibliography of Authors, Hindu and Moslem, whose writings exhibit the reciprocal influence of Moslem and Hindu Culture and Civilisation

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24

SIR ASUTOSH MOOKERJEE MEDAL

On the occasion of the appointment of the Hon'ble Sir Asutosh Mookerjee Kt C. S I as Acting Chief Justice of Bengal, Babu Keshoram Poddar, President, Marwari Association, made over to the University a sum of Rs 5,000 to be utilised in accordance with a scheme to be drawn up by the Hon'ble Sir Asutosh Mookerjee The money has been invested in 3½ per cent Govt securities for Rs 8,600 and the following scheme has been drawn by the Hon'ble Sir Asutosh Mookerjee

(1) That the income of the fund be applied for the encouragement of original research in Letters and Science

(2) That a Gold Medal of the value of Rs 300, to be called '*Sir Asutosh Mookerjee Medal*, be struck annually from a die specially prepared for the purpose and be awarded to the author of the best original thesis on Letters or Science, alternately

(3) That the medal be open to competition among all persons who have at any time been admitted to a degree in this University

(4) That candidates for the prize be required to submit their theses to the Registrar on or before the 31st December of the year for which the medal is to be awarded, under a distinguishing motto, the name of the candidate to be forwarded at the same time in a sealed envelope with the motto outside.

(5) That a Board of Honorary Examiners be appointed by the Syndicate on the recommendation of the Executive Committee of the Council of Post-Graduate Teaching in Arts or Science as the case may be

(6) That if in any year no medal is awarded by reason of no thesis being received or no candidate having shown sufficient merit, the income of that year be utilised in awarding a second medal in the next or any subsequent year

(7) That the medal for 1920 be awarded for original work in the department of Letters.

The gift was accepted with thanks and the scheme was approved by the Syndicate at their meeting held on the 23rd April, 1920

X

Endowment for Scholarships, Prizes and Medals on the results of the University Examinations.

1

JUBILEE POST-GRADUATE SCHOLARSHIPS

The following scheme for the institution of scholarships for post-graduate study or research in Literary or Scientific subjects framed under Section 18, Chapter IV, of the new Regulations, has been adopted by the Senate —

1 For the encouragement of post-graduate study in accordance with the new Regulations in the Faculties of Arts and Science, twelve University Scholarships shall be established

2 Each scholarship shall be of the value of Rs 32 per month, and shall be tenable for a term of two years

3 The scholarships shall be awarded annually upon the results of the B A and B Sc Examinations

4. One scholarship shall ordinarily be awarded to each candidate whose name stands first in the Honours list in each of the subjects for the B A. and B Sc Examinations, provided that--

(*i*) he has obtained first class Honours in that subject,

(*ii*) he does not accept any other University Scholarship, or any Government or College Scholarship, and

(*iii*) he undertakes to prosecute a regular course of study for the degree of Master of Arts or Science either under one or more University Lecturers or in a College duly affiliated, for the Examination in the subject which he takes up

5. If a candidate in any subject is disqualified under provisos (*ii*) and (*iii*) of Rule (4), the scholarship in that subject shall be awarded to the next candidate in the first class who may be duly qualified, provided that all the other candidates who stand first in the first class in any subject and are qualified for a scholarship, have received the same

6 If any year the number of candidates qualified for a scholarship under the preceding rules exceeds the number of scholarships available, the Syndicate may, with the sanction of the Senate, award additional scholarships.

7. A candidate who obtains Honours at the B Sc, Examination under the old Regulations will be deemed to have obtained first class Honours in a subject within the meaning of Rule (4) provided he has obtained a first class in subject (II) or in any two subjects taken together from among subjects III to IX, Sections 6 and 7, of the B Sc Regulations (Calendar for 1906, p 58)

8 As a condition of the continuance of the scholarship each scholar must produce at the end of every three months from the University Lecturer whose classes he is attending or from the Principal of his College, certificates of good conduct, diligence and satisfactory progress in his studies

9. The first award of the scholarships was made upon the results of the B.A. and B Sc, Examinations, 1908

SCHOLARS

1919

Majumdar, Jatindramohan		Presidency College
Sarkar, Panchkari	.	Ditto
Sen, Ajitkumar		Ditto
Bandyopadhyay, Satyendramohan	..	Ditto
,, Saurindramohan		Ditto
Dasgupta, Sudhansubimal		Ditto
Chattopadhyay, Charandas		Vidyasagar College
Sanyal, Manindrakumar		Scottish Churches College
Chaudhuri, Abalakanta		Ditto
*Ahmad, Masihuddawlah		Chittagong College
Mohamed, Osman		Dacca College
Ghatak, Jogeschandra		Jagannath College

2

BIHARILAL BOSE MEMORIAL SCHOLARSHIP

The late Babu Biharilal Bose, Vakil of the Calcutta High Court bequeathed by his Will to the University a sum of Rs 3,000 in 3½ per cent Government Promissory Notes (reduced to 3 per cent) in order to found a scholarship of Rs 3-8 a month tenable for two years, to be called the "Biharilal Bose Memorial Scholarship," to be awarded to the boy who passes the Matriculation Examination from the Konnagar English School, but fails to obtain a Government Scholarship. The scholarship is to be awarded to the boy in order of merit

The Syndicate at their meeting held on the 11th July, 1896, thankfully accepted the donation

SCHOLARS.

1917	Bandyopadhyay, Tulsicharan	.		Konnagar H E School
1918	Sengupta, Pannalal	...	..	Ditto
1919	Mitra, Dhirendrakrishna		...	Ditto

*For one year only after the expiry of which he died and the scholarship was awarded to Mohamed Osman for one year only

3

CHANDMANI DEVI—PRANDHAN KALI MEDAL

Babu Chandrasekhar Kali made over to the University Rs 2,000 for the purpose of creating an endowment for the annual award of a gold medal to the successful candidate at the Matriculation Examination who obtains the highest number of marks in Bengali Composition, on condition that the medal be called the "Chandmani Devi-Prandhan Kali Medal" in memory of his parents The offer was thankfully accepted by the Syndicate

MEDALLISTS

1917	Raydastidar, Ranadhirkrishna	Karimganj Govt. High School.
1918	Basu, Prabhatkiran	Scottish Churches Collegiate School
1919	Goswami, Radhakanta	St Mary's School, Bhowanipur.

4

DUKE MEMORIAL SCHOLARSHIP

In August, 1904, the Honorary Secretary to the Duke Memorial Fund, made over to the University a sum of Rs 4,003-12 for the purpose of creating an endowment for the award of a scholarship on the following conditions —

(i) That a scholarship of Rs 5 per month, tenable for two years, be awarded to the student who being a *bonafide* resident of Howrah and having successfully passed the Matriculation Examination with the highest number of marks in Mathematics from any school in the District of Howrah, joins the Mechanical Apprentice Department of the Civil Engineering College Sibpur

(ii) That the Scholarship be called "Duke Scholarship" to perpetuate the memory of Mr F W Duke I C S., late Magistrate of Howrah

(iii) That the names of the scholars be published in the University Calendar

SCHOLARS

1907	Basu, Kartikchandra	Jaypur Fakirdas Institution
1909	Bandyopadhyay, Gobardhan	Salkia Hindu School
1910	Mukhopadhyay, Birendranath	Ditto
1911	Mitra Rammohan	I R Belilios Institution, Howrah
1913	Ghoshal, Nagendranath	Mugkalyan H E School
1914	Basu, Bhupendranath	I R Belilios Institution, Howrah
1917	Ghatak, Manomohan	Ripon Collegiate School, Howrah Branch
1918	De, Asutosh	Howrah Zila School
1919	Sarkar, Sucharumohan	Jujersha P N M H E School

5

DWARKANATH SCHOLARSHIP

The Committee of the Dwarkanath Memorial Fund on the 9th September, 1882, made over to the University of Calcutta a sum of Rs 5,500 in 4 (reduced to 3½) per cent Government Promissory Notes on the following conditions :—

1. That the amount be applied in founding a Scholarship to be awarded, subject to the following conditions —

2 That the Scholarship shall be awarded to such successful candidate in the Matriculation Examination of the University of Calcutta for the year who being a student of the South Suburban School, obtains the highest number of marks amongst his fellow-students, but does not obtain any other Scholarship

3 That should no student from the South Suburban School succeed in passing the Matriculation Examination aforesaid, or should such student pass but obtain any other Scholarship, the Scholarship shall be awarded to such successful candidate in the Matriculation Examination who, being a student of the Hughli Collegiate School obtains the highest number of marks amongst his fellow-students but does not obtain any other Scholarship

4 That should no student mentioned in Resolution (2) or (3) be eligible for Scholarship, the Scholarship shall be awarded to such student as the Syndicate of the said University shall select

5 That the Scholarship shall be tenable for two years in one of the Colleges affiliated to the University of Calcutta, upon the same terms regarding regularity of attendance and other matters on which Government Junior Scholarships are held.

6. That the holders of the Scolarships for the time being shall be called "Dwarkanath Scholars

7 That the Scholarship shall be paid by a monthly sum of Rs 8

8 That the amount aforesaid be invested in Government of India Promissory Notes of the 4 (reduced to 3½) per cent loan for Rr 5,500, and the notes handed over to the authorities of the said University with a request that the Syndicate may give effect to the above Resolutions

9 That should the interest payable on the Government Securities be reduced, the monthly amount to be paid to the Dwarkanath Scholars shall be proportionately reduced to allow of the amount of interest realised, meeting the amount payable to the scholars

SCHOLARS.

1917	Bhanja, Haridas	South Suburban School
1918	Mitra, Sailendranath	Ditto
	Sen Gupta, Priyanath	Ditto
1919	Biswas, Prabhatkumar	Ditto

— —

6

GEORGE V CORONATION MEDAL

The Secretary, Executive Committee of the Coronation Fund, Howrah, forwarded a cheque for Rs 1,000 for the purpose of creating an endowment for the annual award of a gold medal on the following conditions -

1. That the medal be awarded to the successful student of the Howrah district who will secure the highest marks in the Bengali language at the Matriculation Examination

2 That the inscription on the medal be on one side "George V Coronation medal awarded by Gunpat Rao Khemka to . ' ard the University Arms and the year of presentation on the other

The offer was thankfully accepted by the Syndicate

MEDALLISTS.

1917	Mitra, Bhupendubhushan	Panitras H E School
	Bhattacharyya, Niradbaran	Andul H C E School
1918	Satpathi, Shankasekhar	Shashati Nahala Abinas H E School
1919	Bandopadhyay, Pulinbihari	Andul H C E School
	Tarafdar, Dayalchand	Ditto

7

INGLIS MEMORIAL MEDAL AND PRIZE

On the 4th of November, 1905, the President of the Inglis Memorial Fund Committee made over to the University, Government Promissory Notes for Rs 1,500 for the purpose of creating an endowment to perpetuate the memory of Mr. Thomas Inglis, late Commissioner of the Burdwan Division, on the following conditions —

1 That out of the interest of the amount a silver medal and a prize of books be annually awarded

2. That the medal be called the "Thomas Inglis Medal" and the prize "Mrs. Inglis Prize

3 That the value of the Medal be fixed at Rs 25, and that it be awarded to the Indian candidate from any school in the Burdwan Division who passes the Matriculation Examination and gains the highest number of marks in English

4 That the value of the prize be fixed at Rs 27 8, and that it be awarded to the best Indian lady student who passes the Matriculation Examination and gains the highest number of marks in English

5 That the list of winners of the medal and the prize be published in the University Calendar for successive years

The offer was thankfully accepted by the Syndicate.

MEDALLISTS

1906	Bandyopadhyay, Srikumar	Rol C M Tayyib Institution
1907	Bhar, Rajkumar	Jagatballabhpur High School
1908	Bhattacharyya, Pramatheskumar	Ramgopalpur H E School
1909	Chaudhuri, Jitendranath	Andul H C E School
1910	Gan, Mrityunjay	Putsuri I P Institution
1911	Maitra Somnath	Serampur Union Institution
1912	Raychaudhuri, Krishnabihari	Panitras H E School
1913	Basu, Nalinikanta	Uttarpara Govt High School
1914	Mukhopadhyay, Syamaprasad	Ditto
1915	Basu, Praphullakumar	Municipal School, Burdwan
1916	Ray, Umapada	Rampurhat H E School
1917	Muhammad Serajul Islam	Hughli Collegiate School
1918	Mukhopadhyay, Harisadhan	Serampur Union Institution
1919	Ditto, Debaprosanna	Burdwan Municipal School

PRIZE-WINNERS

1906	Ghosh Satyapriya	Bankipur Female H E School
1907	Laha, Charuprabha	Christ Church School
1908	Datta, Bidyutprabha	U F C S Normal School
1909	Bose, Stella	Loreto House
1910	Sarkar, Nalini	Ditto
1911	Ray, Nayantara	Diocesan College School, Calcutta
1912	Gupta, Tatini	Bethune Collegiate School
1913	Acharyya, Usha	Loreto House, Calcutta
1914	Duara, Sudhalata	Bethune Collegiate School
1915	Sarkar, Ashabati	Chota Nagpur Girl's High School
1916	Majumdar, Shwapona	Maharani School, Darjeeling
1917	Nag, Lilabati	Eden High School for Girls, Dacca
1918	Majumdar, Renuka	Diocesan College School, Calcutta
1919	Sen, Gladys Jyotirmoyee	Ditto

8

JATINDRACHANDRA MEDAL AND PRIZE

On the 30th April, 1892 Sir Gooroo Dass Banerjee made over to the University, Currency Notes for Rs 1,000* for the purpose of creating an endowment for the annual award of a silver medal and a prize in memory of his son Jatindrachandra Banerjee, who was born on the 25th November, 1881, and died on the 26th of April 1892, while a student of the Hare School on the following conditions —

1 That a medal, bearing the inscription "Jatindrachandra Medal awarded to . . . . . on one side and the University Arms on the other be awarded to the candidate who stands first at the Matriculation Examination

2 That the prize be called the 'Jatindrachandra Prize' consisting of useful books to be selected by the candidate who wins it and that it be awarded to the student of the Hare School who passes the Matriculation Examination most creditably

3 That the names of the Medallists and the Prize-winners be published in the Calendar

MEDALLISTS

1892	Das, Saradaprasanna	Chittagong Collegiate School
1893	Chattopadhyay, Pramathnath	Albert Collegiate School
1894	Ghosal, Prasannakumar	Hindu School
	Chakrabarti, Rebatimohan	Noakhali Zila School
1895	Ray, Bipinchandra	Mymensingh Zila School
1896	Ghosh, Mahimchandra	Santosh Jahnabi School
1897	Bandyopadhyay, Bankimdas	Ranchi Zila School
1898	Basu, Surendranath	Dacca Collegiate School
1899	De, Makhanlal	Howrah Zila School
1900	Chaudhuri, Jogeschandra	Mymensingh Zila School
1901	Sarkar, Binaykumar	Maldah Zila School
1902	Rajendra Prasad	Chapra Zila Scool
1903	Laha, Jatindranath	Hindu School
1904	Datta, Sailendranath	Ditto
1905	Sen, Kshitischandra	Ditto

*Rupees 800 has been invested in 4 (reduced to 3½) per cent Government securities

1906	Saha, Digindranath	Dighapatia P. N. H. E. School
1907	Bandyopadhyay, Durgapada	General Assembly's Institution
1908	Ghosh Debaprasad	B M Institution, Barisal
1909	Bhattacharyya, Chandidas	Hindu School, Calcutta
1910	Ghosh, Mohitmohan	Uttarpara Government High School
1911	Chakrabarti, Khagendranath	Bangaon H E School
1912	Bhattacherjya, Hemendranarayan	Faridpur Zila School
1913	Sarkar, Pramathanath	Mitra Institution, Calcutta
1914	Ghosh, Bijaygopal	Hare School
1915	Basu, Praphullakumar	Municipal School, Burdwan
1916	Dasgupta, Kuladacharan	Hindu School
1917	Chattopadhyay, Manoranjan	Dacca Collegiate School
1918	Mitra, Bijanchandra	Hare School
1919	Roy, Satyendranath II	Ditto

PRIZE-WINNERS

1892	Dutta, Sarat chandra	Hare School
1893	Pal, Narendranath	Ditto
1894	Bhattacharyya, Dwijendra	Ditto
1895	Baral, Krishnalal	Ditto
1896	Mukhopadhyay, Satyacharan	Ditto
1897	Bandyopadhyay, Purnendusundar	Ditto
1898	Sen, Pannalal	Ditto
1899	De, Kunjabihari	Ditto
1900	Ray, Banabilas	Ditto
1901	De, Rajanikanta	Ditto
1902	Sen, Dhirendranath	Ditto
1903	Chattopadhyay, Kshetrapal	Ditto
1904	Chattopadhyay, Jatindranath	Ditto
1905	Basu Phanindranath	Ditto
1906	Ray, Satischandra	Ditto
1907	De, Gokulananda	Ditto
1908	Mitra, Khageschandra	Ditto
1909	Sinha, Jogischandra	Ditto
1910	Bhattacharyya, Ananganath	Ditto
1911	Sinha, Harischandra	Ditto
1912	Sarkar, Sachindranath	Ditto
1913	Nag, Asananda	Ditto
1914	Ghosh, Bijaygopal	Ditto
1915	Basu, Brajendranath	Ditto
1916	Basak, Kalipada	Ditto
1917	Basu, Charuchandra	Ditto
1918	Mitra, Bijanchandra	Ditto
1919	Ray, Satyendranath II	Ditto

9

JAYNARAYAN PRIZE

On the 6th December, 1899, Mahamahopadhya Maheschandra Nyayaratna, C I E, made over to the University a Government Promissory Note of the value of Rs 500 for the purpose of founding thereby an annual prize in memory of his preceptor, late Pandit Jaynarayan Tarkapanchanan, on the following conditions —

1. That the prize be called the "Jaynarayan prize"

2 That it be awarded publicly every year to the successful candidate who obtains the highest number of marks in Sanskrit at the Matriculation Examination

3 That the prize consists entirely of Sanskrit works to the value of Rs 17-8

PRIZE-WINNERS

1917	Mitra, Amulyacharan	... Hindu School
1918	Bhattacharyya, Dineschandra	Ditto
1919	Mukhopadhyay, Umaprasad	. Mitra Institution, Bhowanipur Branch

10

JITENDRA SCHOLARSHIP

Kumar Sarat Chandra Singh of Paikhpara made over to Government, G. P Notes of the value of Rs 10,000 for founding a scholarship of Rs. 15 a month in the name of his deceased son, Jitendrachandra Singh, to be awarded annually for two years to the best student of the H E School, Kandi, in the District of Murshidabad, who passes the Matriculation Examination in the First or Second Division, but fails to gain a Government Scholarship

At the instance of Government, the Syndicate agreed to administer the fund held by the Treasurer, Charitable Endowments, and award the scholarship according to the conditions specified

SCHOLARS

1917	Ghosh, Sripada	. Kandi Raj H E School
1918	Pal, Radhasyam	Ditto
1919	Chattopadhyay, Kalikumar	... Ditto

11

KALIDAS NYAYARATNA GOLD MEDAL

Mr B Chakrabarti, Assistant Engineer, Poona District, made over to the University a sum of Rs 1,950 for the purchase of 3½ per cent Government Securities of the nominal value of Rs 2,000 for the purpose of creating an endowment for the annual reward of a gold medal in memory of his uncle, the late Pandit Kalidas Nyayaratna of Langalber, the medal is to be awarded to the successful student who passes highest in Sanskrit at the Matriculation Examination of his year from the Rajpur and the Jayanagar Schools

The Medal is to be called "Kalidas Nyayaratna Gold Medal, Langalber"

MEDALISTS

1899	Chakrabarti, Purnachandra	Jaynagar Institution
1900	Bhattacharyya, Saradaprasad	Ditto
1901	Ghosh, Atulkrishna	Ditto
1902	Ghosh, Bipinbihari	Harinabhi A S School
	Maitra, Ramprasad	. Ditto
1903	Datta, Haranchandra	Ditto
1904	Basu, Sasibhushan	. Jaynagar Institution
1905	Nath, Bhushanchandra	Harinabhi A S School

1906	Chaudhuri, Kiranchandra	Jaynagar Institution
1907	Datta, Jatindranath	Ditto
1908	Chakrabarti, Rameschandra	Ditto
1909	Ray, Phanindranath	Ditto
1910	Bhattacharyya, Praphullakumar	Harinabhi A S School
1911	Dhar, Upendranath	Jaynagar Institution
1912	Ghosh, Bankimbihari	Harinabhi A S School
1913	Chakrabarti, Amulyadhan	Ditto
1914	Datta, Paramananda	Jaynagar Institution
1915	,, Binaykrisna	Ditto
1916	,, Saileschandra	Ditto
1917	Bhattacharyya, Biswanath	Harinabhi A S. School
1918	Biswas, Dwijendranath	Ditto
1919	Basu, Girindrakrishna	Jaynagar Institution

12

KIRTICHAND MACKENZIE GOLD MEDAL

Maharaja Ranajit Sing, Bahadur, of Nashipur, in the District of Murshidabad, made over to the University of Calcutta 3½ per cent Government Promissory Notes for Rs. 2,000 for creating an endowment for the annual award of a gold medal, to be called the "Kirtichand Mackenzie Gold Medal," to the successful candidate at the Matriculation examination, who secures the highest number of marks in Mathematics

The Syndicate at their meeting held on the 26th November, 1898, thankfully accepted the donation

MEDALLISTS

1899	De, Makhanlal	Howrah Zila School
	Das, Amarendranath	Bankipur A S School
1900	Bandyopadhyay, Bhupati	Hindu School, Calcutta
	Chaudhuri, Jogeschandra	Mymensingh Zila School
	Nath, Radhagobinda	Noakhali Zila School
	Mukhopadhyay, Hiralal	Idilpur H E School
1901	Biswas, Priyanath	Santosh Jahnabi School
1902	Sinha, Tarakdas	Jamalpur H. E School
	Chaudhuri, Surendrachandra	Pabna Institution
1903	Basu, Surendranath	Barisal Zila School
1904	Sen, Bhupatimohan	Rajshahi Collegiate School
1905	De, Bijaychandi	General Assembly's Institution
1906	Abdus Shovan Mahmood	Serajganj B L H E School
1907	Sen, Surendranath	Pogose School, Dacca
1908	Abdur Rahman Khan	Barisal Zila School
1909	Saha, Meghnad	Kisorilal Jubilee School, Dacca
1910	Ghosh Mohitmohan	Uttarpara Govt School
1911	Bhattacharyya, Bankimchandra	Hindu School, Calcutta
*1912	Basu, Kananbihari	Hare School
	Bhattacharyya, Bimalchandra	Rajshahi Collegiate School
	Biswas, Purnachandra	Amla Sadarpur School
	Chattopadhyay, Prandhan	Uttarapara Govt High School
	Das, Anathnath	Ditto

* Prizes were awarded in lieu of medal

*1912	Gupta, Tatini	Bethune Collegiate School
	Hajra, Birendranath	Burdwan Raj Coll School
	Nandi, Aswinikumar	.. Durgapur H E School
	Ray, Nareschandra	Rangpur Zila School Branch
	,, Sureshchandra	City Collegiate School, Mymensing
	Sen, Nripendranath	Chittagong Municipal School
1913	Bandyopadhyay, Aswinikumar	Hare School
1914	Ghosh Bijaygopal	Ditto
*1915	Basu, Brajendranath	Ditto
	Datta, Taraknath	Ditto
	Mitra, Rashbihari	Hindu School
	Ray, Upendrakumar	Agartala Umakanta Academy
1916	Haldar Bholanath	Midnapur Zila School
*1917	Ray, Bibhutibhushan	Pabna Zila School
	Dasgupta, Sudhirkumar	Shillong Govt High School
	Mukhopadhyay, Benupada	Pakur Raj H E School
	Dasgupta, Kalipada, I	Kalia Re-modelled H F School
1918	Ray, Susilkumar	Barisal Zila School
*1919	Ray, Satyendranath, II	Hare School
	Mukhopadhyay, Santanukumar	Hare School
	Bandyopadhyay, Kaligati	Birbhum Zila School
	Ghosh, Panchugopal	Pogose School, Dacca
	Chakrabarti, Prabodhchandra	Sarail Annada H F School
	Ghosh, Janakijiban	Barisal Brajamohan Institution
	Raychaudhuri, Debiprasad	Barisal Zila School,
	Ghosh, Utpalendranarayan	Barisal Zila School.
	Das, Binaybhushan	Balurghat H E School
	Das, Indumadhab	Gaibandha H E School
	Nandi, Arunkumar	Dacca Pogose School

13

MAHARAJA OF GIDHOUR SILVER JUBILEE GOLD MEDAL FUND

Maharaja Sir Rameswar Prasad Singh, Bahadur, K C I E, of Gidhour placed at the disposal of the University, a sum of Rs 1,000 for the purpose of creating an endowment for the annual award of a gold medal to commemorate the celebration of Silver Jubilee on the following condition —

(*a*) That the Medal shall be called "The Silver Jubilee Gold Medal of the Maharaja Sir Rameswar Prasad Singh, Bahadur, K C I E, of Gidhour, solemnised in 1911"

(*b*) That the Medal shall be awarded annually to the best student who will pass in the first division at the Matriculation Examination from the Jamui H E School, Monghyr

(*c*) That in the event of non-fulfilment of the condition in (b) in any year or years the endowment shall multiply and in the following year or years so many grants of arrear medals shall be made to deserving students of the aforesaid school, provided they pass in the first division

(*d*) That the donor shall reserve for himself and for his heir such right and rights in future as to modify any of the above conditions, if need be

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* Prizes were awarded in lieu of medal

(e) That the name of the winner of the medal shall be published in the University Calendar for the year

The offer was thankfully accepted by the Syndicate

MEDALIST

1917	Hargauri Sharan	Jamui H E School

At the request of the Maharaja the Syndicate at its meeting sanctioned the transference of the fund to the Patna University

14

MOHINIMOHAN MITRA SILVER MEDAL

The Secretary, Mohinimohan Mitra Memorial Fund, placed with the University G P Notes of the nominal value of Rs 500 for founding a Silver Medal to be awarded anually to successful student who obtains the highest number of marks at the Matriculation Examination from any school in the District of Burdwan

The donation was thankfully accepted by the Syndicate

MEDALISTS

1911	Sarkar, Jnanananda	Albert Victor Inst Burdwan
1912	Hajra Birendranath	Burdwan Raj Coll School
1913	Bandyopadhyay, Bagalapada	Burdwan Municipal School
1914	Mukhopadhyay Kamadananda	Ditto
1915	Basu, Praphullakumar	Ditto
1916	Ray, Bankimchandra	Raniganj H E School
1917	Sen, Sukumar	Burdwan Municipal School
1918	Mukhopadhyay, Durgasib	Ditto
1919	,, Debaprasanna	Ditto

15

NABINCHANDRA KUNDU PRIZE

In March, 1914, Babu Ramlal Kundu made over to the University a 3½ per cent Government Promissory Note of the nominal value of Rs 1,000 for the purpose of creating an endowment for the annual award of a prize in cash out of the interest thereof, in memory of his deceased father, Babu Nabinchandra Kundu, on the following conditions

(1) That the prize be awarded to the best successful candidate of Hindu race who obtains the highest number of marks in Sanskrit at the Matriculation Examination of the year

(2) The prize be called the Nabinchandra Kundu Prize

The offer was thankfully accepted by the Syndicate

PRIZE-WINNERS

1917	Mitra, Amulyacharan	Hindu School
1918	Bhattacharyya, Dineschandra	Ditto
1919	Mukhopadhyay, Umaprasad	Mitra Institution, Bhowanipore Branch

16

RAI ABHAYCHARAN MITRA, BAHADUR, MEDAL.

Babu Kailaschandra Mitra, Executor to the estate of the late Rai Abhaycharan Mitra, Bahadur, of Rajbari, made over to the University a Government Promissory Note of the nominal value of Rs 1,000 of 3½ per cent loan, for the purpose of creating an endowment for the annual award of a Silver Medal in memory of the Rai Abhaycharan Mitra, Bahadur, on the following conditions —

(i) That the medal be awarded to the student who secures the highest number of marks at the Matriculation Examination from schools within the Munshiganj Sub-division of the Dacca District

(ii) That the medal is to bear the following inscription—'Rai Abhaycharan Mitra, Bahadur's Medal awarded to .. " on one side and the University Arms on the other.

The donation was thankfully accepted by the Syndicate

MEDALISTS

1917	Mukhopadhyay, Amulyachandra	Munshiganj H E School
1918	Datta, Priyaranjan	Ditto
1919	Mukhopadhyay, Motilal	Beltali Gangaprasad Jagannath H E School

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17

RAIKISORI DASI AND DURGA DASI SCHOLARSHIP

Mr G C Bose, Executor of the Will of the late Babu Jagatbandhu Bose placed at the disposal of the University, 3½ per cent G P Notes of the nominal value of Rs 6,000 for the purpose of founding a scholarship in memory of the mother and grandmother of the donor on the following conditions —

1 That a scholarship of Rs 8 per month tenable for two years shall be awarded to such successful candidate in the Matriculation Examination for the year, who being a student of the H E School, Ilsoba Mondlai, obtains the highest number of marks amongst his fellow-students, but does not obtain a Government Scholarship

2. That if more than one boy obtain equal marks at the Matriculation Examination the poorest among them shall get the scholarship

3 That the scholarship shall be tenable in any affiliated institution in which the student desires to prosecute his studies

4 If in any year any boy after passing the Examination from the aforesaid school does not continue his studies or if in any year no boy at all succeed in passing the Examination or if in any year one boy pass the Examination and obtain a Government Scholarship and there be no other boy to enjoy the scholarship under the present endowment or if in any year any boy die while enjoying the scholarship, then the amount of the undisbursed scholarship as well as the surplus money which will be left every year after paying the monthly scholarship to one boy shall be deposited in the School Fund —

5 If the H E School at Mondlai ever cease to exist then the interest on the amount shall be paid by way of scholarship to a student who will have passed the Matriculation Examination from the Bomchie B L Free School.

6. The Scholarship shall be called "Raikisori Dasi and Durga Das Scholarship"

SCHOLARS.

1911	Nandi, Radhakanta	... Ilsoba Mondlai H. E. School
1912	Saha, Amarendranath	Ditto
1913	Ganguli, Kusumkumar	Ditto
1914	Basu, Charuchandra	Ditto
1915	Bandyopadhyay, Sudhirkrishna	Ditto
1916	Mukhopadhyay, Satyacharan	Ditto
1917	Nandi, Syamsundar	Ditto
1918	Nandi, Radharaman	Ditto
1919	Mukerji, Prakaschandra	Ditto

18

RAJKRISHNA-KSHETRAMANI SCHOLARSHIPS

In August, 1901, Babu Kishorymohun Roy, Vakil, High Court, Calcutta made over to the University of Calcutta 3 per cent Government Promissory Notes for Rs 1,000 for the purpose of founding, from the interest thereof two Scholarships, each of the value of Rs 5 per month tenable for one year, subject to the following conditions —

1 That the Scholarships be called "Rajkrishna-Kshetramani Scholarships" in memory of his revered parents, late Babu Rajkrishna Ray and Srimati Kshetramani Debya, and be published as an endowment in the Calendar of the University

2 That each of the two Scholarships be awarded to the student who may be declared otherwise fit and eligible under the conditions hereinafter mentioned in consideration of his or her prosecuting or pursuing his or her studies in some well organised Institution, teaching in Arts or some profession or any technical subject

3 That the Scholarships shall be open, one to each of the six schools specified below, in rotation in the order in which they are named, that is, one Scholarship to each of the first two schools in the first year, then to each of the next two schools in the second year, and so on.

(1) Rajshahi Collegiate School
(2) Deoghur R Mitra H E School
(3) Bogra Zila School
(4) Pabna Zila School
(5) South Suburban School, Bhowanipur
(6) Dumka Zila School

4 That one of the Scholarships shall be awarded to the most deserving student who successfully passes the Matriculation Examination of the Calcutta University from one of the two schools as indicated above to which the Scholarships are open for any year, but fails to obtain any other Scholarship of a value equal to or higher than this Scholarship, and the other Scholarship to such student from the other of the two schools

5 That if in any year no student be eligible, according to the conditions hereinbefore mentioned, from any school to which one of the Scholarships is open for the year, the same shall be open to the school next in rotation provided that both the Scholarships shall not be given to one and the same school in any year and that no Scholarship shall be given to one and the same school for two years consecutively

6 That if in any year no student be eligible for any of the Scholarships according to the conditions hereinafter mentioned, from any one of the aforesaid six schools (a contingency not likely to happen) the same shall be awarded to such deserving student of any other school situated within the jurisdiction of the Commissioner of Rajshahi Division as the Syndicate of the Calcutta University shall select, having regard to the tenor and spirit of the conditions herein-before mentioned

7 That the power of putting a fair costruction of any doubtful point in or of deciding upon any point not covered by, the aforesaid conditions, shall rest with the University.

The syndicate at its meeting held on the 5th September, 1919 resolved that the names of Deoghur R Mitra H F School and Dumka Zila School be removed from the list, and that the Scholarships be awarded one year to Rajshahi Collegiate School and Bogra Zilla School, and the next year to Pabna Zilla School and South Suburban School, Bhowanipur

SCHOLARS

1902	Ray, Lalitmohan	Rajshahi Collegiate School
	Bhattacharyya, Kalidas	Deoghur R Mitra H E School
1903	Mitra Manmathanath	Dumka Zila School
1904	Maitra, Khuducharan	Rajshahi Collegiate School
	Das, Satvendranath	Deoghur R Mitra H E School
1905	Chaki, Charuchandra	Bogra Zila School
	Ray, Surendranarayan	Pabna Zila School
1906	Mukhopadhyay, Durgacharan	South Suburban School
	Sarkar, Harimohan	Dumka Zila School
1907	Ray, Dwarkanath	Rajshahi Collegiate School
	Chattopadhyay, Debiprasad	Deoghur R Mitra H E School
1908	Sinha, Lalitchandra	Bogra Zila School
	Mukhopadhyay, Makhanlal	Pabna Zila School
1909	" Anadicharan	South Suburban School
	Gupta, Gopeschandra	Dumka Zila School
1910	Chaudhuri, Rabindranath	Rajshahi Collegiate School
	Ray, Narendranath	Deoghur R Mitra H E School
1911	Bandyopadhyay, Sunitikumar	Bogra Zila School
	Chakrabarti, Bhabaniprasad	Pabna Zila School
1912	Chattopadhyay, Saratchandra ...	South Suburban School
	Ghosh, Sasadhar	Dumka Zila School
1913	Khan Kisorimohan	Rajshahi Collegiate School
	Sen, Praphullacharan	Deoghur R Mitra H F School
1914	Bhaumik, Aswinikumar	Bogra Zila School
	Lahiri, Bhupendrachandra	Pabna Zila School
1915	Ghosh, Amalkrishna	South Suburban School
	Sengupta Anadinath ..	Dumka Zila School
1916	Das, Kalipada	Deoghur R Mitra H F School
	Bhattacharyya, Susilchandra	Rajshahi Collegiate School
1917	Bhaduri, Jatischandra	Bogra Zila School
	Saha, Sudhansuranjan	Pabna Zila School
1918	Datta Sailendranath	South Suburban School
1919	Sen, Jyotischandra	Bogra Zila School
	Md Akkas Ali Khan	Rajshahi Collegiate School

19

KISHORYMOHUN-HARAKINKARI SCHOLARSHIPS

In March, 1903, Babu Kishorymohun Ray, Vakil, High Court, Calcutta offered to the University G P Notes for Rs 4 000 of the 3 per cent. loan for the purpose of founding, from the interest thereof, two Scholarships of Rs 5 each per month, tenable for one year, on the following conditions —

1 That the aforesaid Scholarships shall be called "Kishorymohun-Harakinkari Scholarships"

2 That the aforesaid endowment and the names of Scholars shall be published in the Calendar of the University and be placed next after the Rajkrishna-Kshetramani Scholarships founded by me in 1901

3 That the aforesaid Scholarships shall be awarded to holders of Rajkrishna-Kshetramani Scholarships and shall be tenable for one year commencing next after the expiration of the terms of their original Scholarships on condition that they prosecute or pursue their studies in some well-organized Institution, teaching in Arts, or some profession or any technical subject Provided that no such Scholarship shall be awarded to any one of them if in the opinion of the University, the student is deemed unfit and undeserving, by reason of his or her not having made sufficient progress in study, during the term of his or her holding the said "Rajkrishna-Kshetramani Scholarships" or for any other reason

4 That if, for any reason, in any year, any of the two Scholarships be not awarded to a holder of a "Rajkrishna-Kshetramani Scholarship," the same shall be awarded to a most deserving student who would have been eligible for one of the Rajkrishna Kshetramani Scholarships according to the tenor and spirit of the conditions attached to the said Scholarships but to whom no such Scholarship was awarded by reason of there being, at that time, a more fit student to take

5 That as far as practicable the aforesaid Scholarship shall be subject to the conditions attached to the said "Rajkrishna-Kshetramani Scholarships."

6 That the power of putting a fair construction on any doubtful point in, or deciding upon any point not covered by, the aforesaid conditions or the conditions attached to the said "Rajkrishna-Kshetramani Scholarships" shall rest with the University

The offer was thankfully accepted on the Syndicate at their meeting held on the 21st March, 1903

SCHOLARS

1904	Mitra, Manmathanath	Krishnachandra College, Hetampur
1905	Das, Satyendranath	Berhampur College
	Maitra, Khuducharan	Rajshahi College
1907	Mukhopadhyay, Durgacharan	L. M S College, Bhowanipur
	Maitra, Sasadhar	Rajshahi College
1908	Ray, Dwarkanath ...	Scottish Churches College
	Chattopadhyay Debiprasad .	Krishnagar College
1909	Sinha, Lalitchandra	
	Mukhopadhyay, Makhanlal ..	
1910	" Anadicharan	St Xavier's College
	Gupta, Gopeschandra	St Columba's College, Hazaribagh
1911	Chaudhuri, Rabindranath	Rajshahi College
	Ray, Narendranath	Presidency College

1912	Bandyopadhyay, Sunitikumar	City College
	Chakrabarti Bhabaniprasad	Rajshahi College
1913	Chattopadhyay, Saratchandra	Scottish Churches College
	Ghosh, Sasadhar	Krishnath College, Berhampur
1914	Khan, Kisorimohan	Bangabasi College
	Sen, Praphullachandra	Scottish Churches College
1915	Bhaumik, Aswinikumar	Dacca College
	Lahiri, Bhupendrachandra	Rajshahi College
1916	Ghosh, Amalkrishna	St Xavier's College
	Sengupta, Anadinath	T N Jubilee College, Bhagalpur
1918	Bhaduri, Jiteshchandra	Sanskrit College
	Saha, Sudhansuranjan	Rajshahi College
1919	Datta, Sailendranath	South Suburban College

20

HARAKINKARI DEVI MEDAL

In September 1915, Babu Kishorimohan Ray made over to the University Rs 500 in 3 per cent G P Notes for creating an endowment for the annual award of a silver medal in memory of his late wife Srimati Harakinkari Devi on the following conditions —

(*i*) That the medal be called 'Harakinkari Devi Medal" and will bear the inscription "Harakinkari Devi Medal awarded to ... , year " on one side and the University Arms on the other

(*ii*) That the Medal be awarded annually to the most deserving Female Candidate, who being a Bengali Hindu, successfully passes the Matriculation Examination of the Calcutta University for the year The phrase "Bengali Hindu" shall include not only a Hindu resident of Bengal but also a Hindu of Bengal settled or domiciled elsewhere

(*iii*) That the endowment and the names of the medallists be published in the University Calendar and if not deemed inconvenient, be placed next after "Kisorimohan-Harakinkari Scholarships" endowment

(*iv*) That the Medal be awarded for the first time on the result of the next Matriculation Examination, if possible

MEDALISTS

1917	Datta, Sudha	Maharani School, Darjeeling
1918	Majumdar, Kenuka	Diocesan College
1919	Guha, Amiya	Dr Khastgir's High School for Girls, Chittagong

21

UMESCHANDRA-SARVAMANGALA PRIZE FUND.

In April, 1914, Babu Bireschandra Das B L, Pleader, Howrah, made over to the University a 3½ per cent G P. Note of the nominal value of Rs 500 for the purpose of creating an endowment, for the annual award of a Prize out of the interest thereof, in memory of his parents, the late Babu Umeschandra Das and Sarvamangala Dasi, on the following conditions —

1 That the Prize be called the "Umeschandra-Sarvamangala Prize"

2 That it be awarded to the best successful candidate at the Matriculation Examination in the District of Howrah.

3 That the names of the Prize-winners be published in the University Calendar

4. That the Prize be awarded for the first time on the results of the Matriculation Examination in 1914, if possible

The Syndicate at their meeting on the 2nd May, 1914, thankfully accepted the offer

PRIZE-WINNERS

1917	Datta, Pareschandra	Howrah Zila School
1918	De, Asutosh	Howrah Zila School
1919	Mitra, Saktisadhan	... Panitras High School

22

DUFF SCHOLARSHIPS

The subscribers to a fund raised for the purpose of commemorating the services of the Rev Dr Duff, directed the investment of the amount collected (Rs. 20,000) in Government Securities, and offered to transfer the same to the University of Calcutta on the following conditions —

1. The interest of the money shall be applied to establish—

I—A Scholarship of Rs 15 a month tenable for one year by the student who shall obtain, in the Intermediate Examination in Arts, the highest number of marks in Languages

II—A Scholarship of Rs 15 a month, tenable for one year by the student who shall obtain, in the Intermediate Examination in Arts or Science, the highest number of marks in Mathematics

III—A Scholarship of Rs 15 a month, tenable for one year by the student who, having been educated for at least one year in the Scottish Churches College shall obtain the highest number of marks in all the subjects taken together at the Intermediate Examination in Arts or Science in alternate years

IV—A Scholarship of Rs 15 a month, tenable for one year, by the student who, being a Christian in religion, shall obtain the highest number of marks in all the subjects taken together at the Intermediate Examination in Arts or Science in alternate years

2 The above Scholarships shall be called "Duff Scholarships" and shall be tenable with any other Scholarships

3 The surplus of the funds, after paying any small incidental expenses shall be suffered to accumulate, and used for the purpose of giving rewards to any students of the University who shall pass with credit in the evidences of Revealed Religion Natural Theology and Moral Philosophy in the Examination for Honours for the degree of M A Such rewards are to be called "Duff Prizes."

4. Should the accumulations appear, to the Syndicate, greater than is necessary to carry out Rule 3, they may add to the value of the Duff Scholarships or increase their number

5. The Syndicate shall have the power of putting a fair interpretation on any doubtful point in the above rules

The Senate, at a meeting on the 21st July, 1866, accepted this benefaction from the subcribers of the Duff Memorial Fund

In accordance with Rule 4, the Syndicate by Resolution at their meeting (held on the 23rd May, 1908) established two Scolarships—

(*a*) A fifth Scholarship of Rs 12 a month, tenable for one year by the student who shall obtain, in the Intermediate Examination in Arts or Science, the highest number of marks in Physics

(*b*) A sixth Scholarship of Rupees 12 a month, tenable for one year by the student who shall obtain, in the Intermediate Examination in Arts or Science, the highest number of marks in Chemistry.

SCHOLARS

1919

I	Mukhopadhyay, Syamaprasad (Languages)	Presidency College
II	Mukhopadhyay, Syamaprasad Chakrabarti, Kumudiminanta } Mathematics	Presidency College
III.	Basu, Amarendra nath (1st in I A from S. C College)	Scottish Churches College
IV	Brenda Aukim (Best Christion student in I A)	Loretto House
V	Bandyopadhyay, Jogeschandra (Physics)	Weslyan College, Bankura
VI	Chakrabarti, Kumudinikanta (Chemistry)	Presidency College

23

NAWAB ABDUL LATIF AND FATHER LAFONT SCHOLARSHIP

In July 1913, Nawab Bahadur A F M Abdur Rahman, Honorary Secretary, Bengal Social Science Association, placed at the disposal of the University, 3½ per cent G P Notes of the nominal value of Rs 3,500 for the purpose of founding a Scholarship for the encouragement of scientific studies The offer was thankfully accepted by the Syndicate who laid down that the value of the Scholarship shall be Rs 10 a month, tenable for one year by the successful candidate who stands first among the lady students of the year in any of the Science subjects other than Mathematics at the I A or I Sc Examination, or in the I A Examination if no female candidate passed the I Sc Examination and that the Scholarship be called the "Nawab Abdul Latif and Father Lafont Science Scholarship"

SCHOLARS

1913	Cohen, Molly	... Non-Collegiate Student
1914	Bodekar, F	. Ditto
1915	Acharyya, Usha	Loreto House
1916	Hazra, Niromal	... Diocesan College
1917	Hankins, Any Forbes	. Rangoon College
1918	E Antram	Rangoon College
1919	Rachel Sofaer	Ditto

24

PACHETE PRIZE

Maharaja Nilmoni Singh Deo Bahadur, Zemindar of Pachete, made over to the University of Calcutta, two Government Promissory Notes of Rs 1,000 each of the 4½ per cent (reduced to 3½) loan of 1879, in order to found a Prize of Rs 70 to be called *'The Pachete Sanskrit Prize"*, to be awarded to the student who stands highest in Sanskrit among the successful candidates at the Intermediate Examination in Arts of the year

PRIZE—WINNERS

1882	Bhattacharyya, Rajanikanta	Sanskrit College
1883	Chaudhuri, Radhagobinda	Metropolitan Institution
1884	Bandyopadhyay, Kaliprasanna	Presidency College
1885	„ Lalitkumar	Krishnagar College
	Vidyacharan Singh ...	Muir Central College
1886	Majumdar, Upendralal	Presidency College
1887	Sengupta, Saratchandra	St Xavier's College
1888	Bhattacharyya, Asutosh	Sanskrit College
1889	Kundu, Jagannath	Hughli College
1890	Bhattacharyya, Upendranath	Ripon College
1891	Chandra Hrishikes	Hughli College
	Sarkar, Kshitischandra	Bangabasi College
1892	Chakrabarti, Brajalal	Sanskrit College
	Kanungoi Balmakund .	Ravenshaw College
1893	Chattopadhyay, Asutosh	Hughli College
1894	Chakrabarti Banamali	Presidency College
1895	„ Saratchandra .	F C of Scotland's Institution and Duff College
1896	Goswami Bhagabatkumar	Sanskrit College
1897	Ray, Bipinchandra	Presidency College
1898	Ghosh, Mahimchandra	Ditto
1899	Basu, Radhakrishna	Ravenshaw College
1900	Gangopadhyay, Sitalakanta .	Dacca College
1901	Datta, Rabindranath .	General Assembly's Institution
1902	Dattagupta, Akshaykumar	Dacca College
1903	Sen, Manibhushan	General Assembly's Institution
	Ghoshal, Upendranath	Ditto
1904	Bhattacharyya, Sailendranath .	Dacca College
1905	Ray, Hemchandra	Pabna College
1906	Datta, Sailendranath	Presidency College
1907	Das, Bhagirathchandra	Victoria College, Comilla
1908	Bagchi, Kalidas	Presidency College
	Basu, Manmathanath	Ravenshaw College
1909	Ghosh, Ramsaran	Wesleyan Mission College, Bankura
1910	„ Debaprasad	B M Institution, Barisal
1911	Bhattacharyya, Chandidas	Presidency College
	„ Harimohan	Ditto
1912	De, Nibaranchandra	Victoria College, Comilla
1913	Ghatak, Jyotischandra	L M S College, Bhowanipur
	Ray, Suhaschandra	Metropolitan Institution
1914	Chattopadhyay, Abhayapada	Presidency College
	Das, Sarojkumar	Ditto
1915	Sarkar, Pramathanath	Ditto
1916	Chaudhuri Jnanendranath	Krishnath College
1917	Mitra, Rasbihari	Presidency College
1918	Dasgupta, Kuladacharan	Presidency College
1919	Mukhopadhyay, Syamaprasad ..	Ditto

25

SARADAPRASAD SCHOLARSHIP AND PRIZES

The late Babu Saradaprasad Roy, Zemindar of Chakdighi, bequeathed by his Will to the University a sum of Rs 5,000 and which it was left to the Syndicate to utilise in the best way they thought fit In February, 1885, the University received from Babu Lalit Mohan Roy the heir of the deceased, a Government Promissory Note for Rs 5000 and in April 1888, the Commissioner of the Burdwan Division forwarded the interest on the same amounting to Rs 3,500 The capital at the disposal of the University thus stood at Rs 8,500 After consultation with Babu Lalit Mohan Roy, it was determined to found a Scholarship of the value of Rs 10 a month to be called the Saradaprasad Scholarship to be awarded annually to that one of the successful candidates for the Intermediate Examination in Arts who having passed the Matriculation Examination from the Chakdighi Higher Class English School, had prosecuted his studies in an affiliated College for a period of two years, and in case no successful student appears from that school, to that one among the successful candidates for the Intermediate Examination in Arts who had passed the Matriculation Examination with the greatest credit from the Burdwan district.

It was also determined to apply the balance which remained every year to the establishment of eight prizes of Rs 20 each in books, to be called the Saradaprasad Prizes, to be awarded to the eight successful candidates who stand highest in the subjects of English, Sanskrit, History, Logic, Mathematics, Physics, Chemistry and Botany at the Intermediate Examination in Arts or Science respectively

SCHOLARS

1917	Basu Praphullakumar	Burdwan Raj College
1918	Gupta, Sitendu	Bangabasi College
1919	Mitra, Kalikrishna	Central College

PRIZE-WINNERS

1919

(English)

Mukhopadhyay, Syamaprasad — Presidency College

(Sanskrit)

Mukhopadhyay, Syamaprasad — Presidency College

(History)

Majumdar, Jagadischandra — Presidency College

(Logic)

Sanyal, Sasankasekhar — Krishnath College, Berhampur
Chakrabarti, Jagischandra — City College, Calcutta
Sarkar, Sushobhan Chandra — Presidency College

(Mathematics)

Mukhopadhyay, Syamaprasad, Chakrabarti, Kumudinikanta — Presidency College

(Physics)

Bandyopadhyay Jogeschandra — Wesleyan College, Bankura

(Chemistry)

Chakrabarti, Kumudinikanta — Presidency College

(Botany)

Majumdar, Ramanimohan — Bangabasi College

26

SINDHUBALA MEDAL

Babu Bangendubhushan Mukerjee, B.L., Pleader, Krishnagar, Nadia, made over to the University a 3½ per cent G P Note for Rs 500 for the purpose of creating an endowment for the annual award of a silver medal in memory of his wife Srimati Sindhubala Debi who died on the 16th Falgun, 1317 B. S, on the following conditions —

(*i*) That an annual silver medal be instituted bearing the words, "Sindhubala medal awarded to vear ...." on one side and the University Arms on the other

(*ii*) That the medal be awarded annually to the student who stands first in order of merit in the I A or I Sc. Examination and does not get the Stephen Finney Medal.

(*iii*) That the names of the Medallists be printed in the University Calender and also in the *Gazette*

(*iv*) That the Medal be awarded for the first time on the results of the I A or I Sc Examination of 1911, if possible

MEDALLISTS

1912	Basak, Kirankumar	St Columba's College, Hazaribagh
1913	Sengupta, Mohitkumar	Presidency College
1914	Gupta, Tatini	Bethune College
1915	Chattopadhyay, Kshitisprasad	Metropolitan Institution
1916	Gupta, Kshirodbihari	Murarichand College, Sylhet
1917	Acharyya, Purnachandra	Presidency College
1918	Mitra, Narendragopal	Ditto
1919	Guhasarkar, Sarbamsahay	Ditto

27

STEPHEN FINNEY MEDAL

In March, 1901, the Honorary Secretary, Native Improvement Society, Saidpur, forwarded to the Registrar, Government Promissory Notes for Rs 600 with a request that the amount might be utilized in establishing a fund to be called the "Stephen Finney Medal Fund," and that either a gold or a silver medal might be awarded from the annual interest of the amount to the student who stands first in order of merit among the successful candidates at the Intermediate Examination in Arts or Science in altermate years

The Medal is to bear the following Inscription —

"Stephen Finney Medal awarded to. . " on one side, and "Founded by the Indian employees of the Eastern Bengal State Railway," on the other

MEDALLISTS

1901	Datta, Gurusaday	Presidency College
1902	Ray, Nagendranath ...	Bangabasi College
1903	Lala, Asutosh .	General Assembly's Institution
1904	Rajendraprasad .	Presidency College
1905	Biswas, Charuchandra	Ditto
1906	Datta, Sailendranath .	Ditto
1907	Chattopadhyay, Basantakumar .	Krishnath College, Berhampur
1908	Saha, Digindranath ...	Presidency College

1909	Modak, Satyendranath	Krishnagar College
1910	Chakrabarti, Binodlal	Presidency College
1911	Bhattacharyya, Chandidas	Ditto
1912	Ghosh, Mohitmohan	Ditto
1913	Kakati, Banikanta	Cotton College, Gauhati
1914	Sarkar, Sachindranath	Presidency College
1915	Sen Satishchandra	Ditto
1916	Majumdar, Sudhirkumar	Ditto
1917	Ray, Praphullakumar	Ditto
1918	Ray, Bankimchandra	Scottish Churches College
1919	Mukhopadhyay, Syamaprosad	Presidency College

28

WOOMESH CHANDRA MOOKERJEE SILVER MEDAL

Babu Satishchandra Mookerjee, M A, Professor, L M S College, Bhowanipur made over to the University 3 per cent Government Security for Rs 500 on the following conditions –

(*i*) That a silver medal be annually awarded to the successful female candidate who obtains the highest number of marks at the Intermediate Examination in Arts

(*ii*) That the names of the Medallists be published in the *Gazette* and in the University Calender

(*iii*) That the Medal be called the Woomeshchandra Mookerjee Medal in memory of his father

MEDALLISTS

1904	Sen, Hiranmayi	Bethune College
1905	Ghosh, Nirbharpriya	Ditto
1906	Van Ingen, Mary	Private Student
1907	Ray, Punyalata	Bethune College
1908	Ghosh, Satyapriya	Ditto
1909	Clare De Vere	Non-Collegiate Student
1910	Kingsley, May	Rangoon College
1911	Rickey, Margaret	Non-Collegiate Student
1912	Joana Lauder	Ditto
1913	Cohen, Molly	Ditto
1914	Gupta, Tatini	Bethune College
1915	Iris V M Le Blond	Loreto House
1916	Duara, Sudhalata	Bethune College
1917	Nejma Rasul	Diocesan College
1918	Begam Sultan Muwayyidzada	Ditto
1919	Dutta Sudha	Bethune College
	Duara, Giurip ava	Diocesan College

29

ABINASCHANDRA MEDAL

In March, 1902, Babu Upendranath Mitra, M A, B L, Member of the Senate wrote to the Registrar stating that his grand daughter Srimati Surabala Dasi was desirous of making over to the University 3½ per cent Government Securities for Rs 2,500 for the purpose of founding a gold medal in memory of her

deceased husband, the late Babu Abinaschandra Mitra, B L , Superintendent, Financial Department, Government of India, on the following conditions —

(*i*) That the Medal be awarded annually to that successful candidate for the Degree of Bachelor of Arts who obtains the highest number of marks in Original Composition at the Examination for Honours in English

(*ii*) That the Medal bear the words "Abinaschandra Medal" on one side and the University Arms on the other

(*iii*) That the Medal be presented at the annual Convocation for conferring degrees

(*iv*) That the names of the Medallists be published in University Calendar

(*v*) That the Medal be awarded for the first time on the results of the B A Examination of 1902, if possible

The offer was thankfully accepted by the Syndicate at their meeting held on the 12th March, 1902

MEDALISTS

1902	Ghosh, Praphullachandra	Presidency College
1903	Chakrabarti, Praphullakumar	Ditto
1904	Ghosh, Rabindranarayan	Ditto
	Mukhopadhyay, Nrityalal	Ditto
1905	Sarkar, Binaykumar	Ditto
1906	Chattopadhyay, Panchanan	Ditto
	Mitra, Jatischandra	Krishnath College, Berhampur
	Sing, E C	Bishop's College
1907	Mukerjee, Victoria	Private Student
1908	Ray, Rabindranath	Presidency College
	Sen, Nepalchandra	Ditto
1909	Haldar, Sudhindrakumar	Ditto
1910	Datta, Sukumar	Scottish Churches College
	Chakrabarti, Mukundakisor	Ditto
1911	Smellie, Benjamin A	Bishop's College
	Thamotheran, John Chelliah	Ditto
	Guha Regina	Non-Collegiate Student
1912	Mitra, Panchanan	Ripon College
1913	Joana Lauder	Non-Collegiate Student
1914	Burke, Cora	Ditto
1915	Ray, Kumudbandhu	Ripon College
1916	Maitra, Somnath	Ditto
1917	Sen, Priyaranjan	Ravenshaw College
1918	Ruth W Buckley	Diocesan College
1919	Barman, Kshitischandra	Dacca College

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BANKIMBIHARI SEN MEDAL

Babu Preonath Mallik presented two Government Promissory Notes for Rs 2,500 for the annual award of a medal on the following conditions —

1 That a gold medal be annually awarded to the successful candidate for the Degree of Bachelor of Arts who obtains the highest number of marks in Mathematics

2 That the Medal be called "The Bankimbihari Sen Medal" in memory of the donor's grandson, Babu Bankimbihari Sen, who was an undergraduate of the Calcutta University and who was cut off in the prime of life while a student of the Presidency College

3. That the medal shall bear the words "Bankimbihari Sen Medal awarded to . . . . . " on one side and the University Arms on the other

4. That the Medal be presented publicly every year at the annual Convocation for conferring degrees

5 That the names of the Madallists be printed in the *Gazette* and in the University Calendar

The offer was thanktully accepted by the Syndicate

MEDALLISTS

1905	Basu, Krishnabihari	Presidency College
1906	Bagchi, Bireswar	Ditto
1907	Mukhopadhyay, Kantichandra	General Assembly's Institution
1908	Bagchi, Haridas	Presidency College
1909	Chattopadhyay, Basantakumar	Ditto
1910	Purkayastha, Dineschandra	Ditto
1911	Modak, Satyendranath	Ditto
1912	Ghosh, Debaprasad	City College
1913	Shalam, Ralph E	Scottish Churches College
1914	Ghosh, Bankimbihari	Ditto
1915	Ray, Lalitkumar	Ditto
19 6	Ghosh, Jyotirmay	Presidency College
1917	Sarkar, Narendranath	Ditto
1918	Khaitan, Chandiprasad	Ditto
1919	Sen, Sukumar	Ditto

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BISHNUPRIYA DEVI PRIZE

On the 29th September 1892, Rai Gunabhiram Baruya, Bahadur, a Fellow of the University, forwarded to the Registiar, a Government Promissory Note for Rs. 300 for the purpose of instituting an annual prize of Books, to be called the "Bishnupriya Debi Prize" in memory of his deceased wife on condition that the same be awarded to the best successful B.A candidate from Assam The donation was thankfully accepted by the Syndicate at their meeting held on the 19th November, 1892

PRIZE-WINNERS

1892	Baruya, Ramakarta		General Assembly's Institution
1893	Sarma, Dwarkeswar		Ditto
1894	,, Lakheswar	..	Presidency College [Duff College
1895	Phukan, Radhanath		F C of Scotland's Institution and
1896	Rajkhowa, Benudhar	.	Ripon College
1897	Sarma, Laskhminath	. .	Presidency College
1898	Bhattacharya, Annadacharan	. .	Victoria College, Cooch-Behar
1899	Das, Bharatchandra	...	City College
1900	Baruya, Bhubanchandra		Metropolitan Institution
1901	Gogai, Kanakchandra		Victoria College, Cooch-Behar
1902	Medhi, Kaliram		City College

1903	Das, Kohiram	Victoria College, Cooch-Behar
1904	Bharati, Debendranath	Ditto
1905	Baruya, Iswarprasad	Presidency College
1906	Das, Kesabchandra	St Xavier's College
1907	Ataur Rahman	Presidency College
1908	Goswami, Saratchandra	Metropolitan Institution
1909	Chakrabarti, Sudhansusekhar	Presidency College
1910	,, Hemantakumar	Ditto
1911	Chaliha, Taraprasad	Scottish Churches College
1912	,, Padmadhar	Presidency College
1913	Bhuiyan Suryyakumar	Ditto
1914	Habibur Rahman	Ditto
1915	Kakati, Bankantha	Ditto
1916	Das, Annadakumar	Sanskrit College
1917	Handique, Krishnakanta	Ditto
1918	Duara, Sudhalata	Non Collegiate Student
1919	Goswami, Monoranjan	Cotton College, Gauhaty

32

CLINT MEMORIAL PRIZE

In January, 1914, Babu Nilmani Kumar, on behalf of the subscribers to the Clint Memorial Fund, made over to the University 3½ per cent Government Promissory Notes of the nominal value of Rs 300 and a 3 per cent G P Note for Rs 100 for the purpose of creating an endowment for the annual award of a Money Prize, in memory of the late Mr Leonidas Clint B A , of the Education Department of Bengal and for many years a Fellow of this University, on the following conditions —

1 That the Prize be called the "Clint Memorial Prize"

2 That it be awarded every year to the successful student, who being of Bengali race, obtains the highest number of marks in Ethics at the B A Examination of the year

3 That the name of the Prize-winner be published in the University Calendar

The donation was thankfully accepted by the Syndicate

PRIZE-WINNERS

1914	Chaudhuri, Brajendrakumar	Scottish Churches College
	De Bipinbihari	Non-Collegiate Student
1915	Sinha, Jadunath	City College
1916	Ghosh, Prabhaschandra	Presidency College
1917	Gangopadhyay, Charuchandra	Ditto
1918	Chakrabarti, Abanimohan, II	City College
1919	Sen, Saileswar ..	Scottish Churches College

33

ESHAN SCHOLARSHIP

Babu Eshanchandra Bose, of Calcutta, bequeathed by his Will to the University, a sum of Rs 12,000 in Government Securities of the 5 per cent loan (reduced to 3½) for the purpose of founding a Scholarship to be awarded annually in accordance with the terms specified in the following extract from the Will —

"I direct my said Executors, immediately on my decease, if the same shall not be contributed during my lifetime to set apart out of my estate Government Securities of the late East India Company, or of the Government of India or both of them, for the amount of rupees twelve thousand, of some 5 per cent. loan, or otherwise, that my Executors shall immediately, after my decease, invest sufficient part of may estate in the purchase of, similar Government Securities for rupees twelve thousand of 5 per cent loan, so as to provide annual income of rupees six hundred,* and to endorse over and transfer the sum to the Government of Bengal or the President for the time being of the Syndicate of the Calcutta University subject to the trusts hereinafter mentioned concerning the same, that is to say interest to found a Scholarship, in the Calcutta University, to be called 'Eshan's Scholarship,' to be awarded to the first scholar, being a Hindu, native of India on the B A list for the year in the order of merit, in consideration of his continuing his studies at the Calcutta Presidency College with a view to the attainment of the higher degree of M.A, and to be paid to him upon or in case of his attaining that degree, but not otherwise'

The Syndicate have laid down the following rules for the award of the Eshan Scholarship —

(i) The competition for the Scholarship shall be confined only to candidates who have passed the B.A Examination with honours

(ii) In deciding who the "first scholar' is, only the marks awarded in the subject in which a candidate has obtained honours shall be considered

SCHOLARS

1866	Mitra, Kartikchandra	1894	Chakrabarti, Saratkumar
1870	,, Saradacharan	1896	Das, Saradaprasanna
1871	Basu, Isanchandra	1897	Mukhopadhyay, Harisadhan
1872	Ray, Rajaninath	1898	De, Krishaprasad
1873	Mukhopadhyay Saratchandra	1899	Ray, Bipinchandra
1874	Lahiri, Prasannakumar	1901	Datta, Bibhubhushan
1875	Sarkar, Nilkanta	1903	Majumdar, Rampada
1876	Gupta, Bipinbihari	1904	Ghosh, Rabindranarayan
1877	Sarkar, Chandrasekhar	1905	Sarkar, Binaykumar
1878	Agasti, Suryyakumar	1906	Rajendra Prasad
1879	Ray, Atulkrishna	1907	Sanyal, Girijaprasanna
1880	Chattopadhyay, Digambar	1908	Bandyopadhyay, Sitapati
1881	Chandra, Aghornath	1909	Chattopadhyay, Basantakumar
1882	Majumdar, Ramchandra	1910	Bandyopadhyay, Srikumar
1883	Ray, Mahendranath	1911	Raychaudhuri, Hemchandra
1884	Mukhopadhyay, Asutosh	1912	Ghosh, Debaprasad
1885	Sinha, Jogindrakumar	1913	Sinha, Jogischandra
1886	Majumdar, Syamaprasanna	1914	De, Bipinbihari
1887	Bandyopadhyay, Lalitkumar	1915	Ray Lalitkumar
1888	Majumdar, Upendralal	1916	Ghosh, Jyotirmay
1889	Ghatak, Mohinikanta	1917	Sarkar, Narendranath
1891	Mukhopadhyay, Nandalal	1918	Khaitan, Chandiprasad
1893	Sen, Priyanath	1919	Mitra, Rashbehari

34

GANGAMANI MEDAL

Babu Amritalal Mukerjee, of the Provincial Civil Service, Executive Branch made over to the University a 3 per cent Government Promissory Note for Rs 500 for the purpose of creating an endowment for the annual

*The present value of the scholarship is Rs 480.

award of a silver medal in memory of his mother, Sreemati Gangamani Debi, who died on the 3rd October 1902, on the following conditions —

1 That an annual silver medal be instituted bearing the words "Gangamani Debi Medal, Behala, awarded to .. year .. on one side and the University Arms on the other

2 That the medal be presented publicly every year at the annual convocation for conferring degrees to the student who obtains the highest number of marks in Sanskrit in the B A Examination from the Presidency and the Sanskrit Colleges provided he gets no other medal in the same subject, in which case the medal is to be awarded to the next best student

3 That the names of the medallists be printed in the University Calendar and also in the *Gazette*

The offer was thankfully accepted by the Syndicate at their meeting held on the 21st November, 1903

MEDALLISTS

1904	Duttagupta, Sureshchandra	Presidency College
1905	Maitra, Manoranjan	Ditto
1906	Lahiri Nabakumar	Ditto
1908	Bhaumik Surendramohan	Ditto
1909	Mitra Bibhutibhushan	Ditto
1910	Bhattacharyya, Surendranath	Sanskrit College
1911	Bandyopadhyay, Sibadas	Ditto
1912	Dasgupta, Atulchandra	Ditto
1913	Guha, Jitendranath	Presidency College
1914	Bhattacharyya, Kamalkrishna	Sanskrit College
1915	Bandyopadhyay, Anantaprasad	Ditto
1916	Gupta, Chattunlal	Ditto
1917	Bhattacharyya, Satatchandra	Ditto
1918	Majumdar, Nanigopal	Ditto
1919	Bhattacharyya, Purnachandra	Ditto

35

GANGAPRASAD MEDAL

The Hon'ble Sir Asutosh Mukhopadhyay, Kt, C S I, made over to the University Government Securities for Rs 2,500 on the following conditions —

1 That a gold medal be anually awarded to that successful candidate of the degree of Bachelor of Arts or Science who obtains the highest number of marks in the First Class in Physics or Chemistry at the Examination for Honours in these subjects

2 That the names of the medallists be published in the Calendar.

3 That the medal be called the "Gangaprasad Medal" in memory of his father, the late Dr Gangaprasad Mukherjee, who was one of the earliest graduates of this University, and founded one of its endowments

The offer was thankfully accepted by the Syndicate

MEDALLISTS.

1901	Datta, Bidhubhushan	Presidency College
1903	Niyogi, Panchanan	.. Metropolitan Institution

1907	Sen, Suryyanarayan ..	Duft College
1908	Basu, Birendrakumar .	Presidency College
1909	Jana, Saratchandra	Ditto
1910	Datta, Rasiklal	Ditto
1911	Bhattacharyya, Upendrachandra	Ditto
1912	Bandyopadhyay, Durgapada	Ditto
1913	Ghosh, Jnanendrachandra	Ditto
1914	Sarkar, Surendranath	Scottish Churches College
1915	Basu, Nagendranath	Ditto
1916	Mukhopadhyay, Sitalchandra	St Xavier's College
1917	Chattopadhyay, Kshitisprasad	Presidency College
1918	Sarkar, Indubhushan	Cotton College
1919	Datta, Sikhibhusan	Dacca College

36

HARISCHANDRA PRIZE

Raja Harischandra Chaudhuri, a Zemindar of Mymensingh, made over to the University a 6 per cent Municipal Debenture Bond for Rs 2,000 in order to found a prize, to be called the "Harischandra Prize" to be awarded to the best student in Mathematics at the B A or B Sc Honours Examination of the year, being a Hindu native of Bengal, in consideration of his prosecuting his studies in Mathematics with a view to the attainment of the higher degree of M A or M Sc, and to be paid to him upon his attaining that degree in that subject, but not otherwise

PRIZEMEN

1878	Agasti, Suryyakumar	Presidency College
1879	Datta, Krishnalal	Ditto
1880	Chattopadhyay, Ramnath	Ditto
1881	Basu, Kalipada	Ditto
1883	Ray, Mahendranath	Ditto
1884	Mukhopadhyay, Asutosh	Ditto
1885	Ray, Satischandra .	Ditto
1886	Basu, Abinaschandra	Ditto
1887	Karfarma, Suryyakumar	General Assembly's Institution
1888	Bhattacharyya, Manindranath	Presidency College
1889	Ghatak, Mohinikanta .	Ditto
1892	Biswas, Rakhalraj	Krishnagar College
1893	Raychaudhuri, Muralidhar	Presidency College
1894	Mitra, Bhupendranath	Ditto
1896	Sengupta, Kalimohan ...	Ditto
1897	Mukhopadhyay, Harisadhan ..	Ditto
1898	De, Krishnaprasad	General Assembly's Institution
1899	Ray, Baikunthachandra Gangopadhyay, Phanindralal .	Ripon College B N College, Bankipur
1901	Bandyopadhyay, Bankimdas	Presidency College
1903	Das, Amarendranath ..	Ditto
1904	Gangopadhyay, Subodhchandra.	Duff College
1905	Basu, Krishnabihari	Presidency College
1906	Bagchi, Bireswar ...	Ditto
1907	Mukhopadhyay, Kantichandra	General Assembly's Institution
1908	Bagchi, Haridas	Non-Collegiate Student
1909	Chatterjee, Basantakumar	Presidency College
1910	Bagchi, Kalidas	Ditto
1911	Modak, Satyendranath	Ditto

1912	Ghosh Debaprasad	City College
1913	Basu, Satyendranath	Presidency College
1914	Mandal, Bibhutibhushan	Scottish Churches College
1915	Sinha, Harischandra	Presidency College
1916	Sengupta, Birendranath	Ditto
1917	Mallik, Phanilal	Ditto
1018	Ghosh, Sudhodan	Ditto
1919	Acharyya, Purnachandra	Ditto

37

HEMANTAKUMAR MEDAL.

On the 5th November, 1887, Dr. Ganga, Persad Mookerjee, of Bhowanipur, made over to the University three Government Securities of the 4 per cent loan of 1865 (reduced to 3½) to the value of Rs 2,500 in memory of his son, Hemantakumar, who having been born on the 16th December, 1866, and graduated as Bachelor of Arts with Honours in Philosophy and Sanskrit in 1887, died of fever on the 1st November, 1887, the conditions under which the endowment was accepted are as follows —

1 That an annual gold medal, to be called the Hemantakumar Gold Medal, be instituted bearing the words "Hemantakumar Medal awarded to " on the side, and the University Arms on the other

2 That the medal be presented publicly every year at the annual Convocation for conferring degrees, to that one of the successful candidates for the degree of Bachelor of Arts who obtains the highest number of marks in the subjects appointed for Honours in Mental and Moral Science

3 That the name of the medallists be printed in the *Gazette* and in the University Calendar,

MEDALLISTS

1888*	Brij Nandan Prasad	Muir Central College
	Chattopadhyay, Rakhaldas	Presidency College
	Datta, Hirendranath	Ditto
1889	Chaudhuri, Pramathanath	Presidency College
1890	Patel, J	St Xavier's College
1891	Mukhopadhyay, Nandalal	Presidency College
1892	Majumdar Haripada	Metropolitan Institution [Duff College
1893	Chakrabarti, Jogendrachandra	F. C of Scotland's Institution and
1894	,, Saratkumar	Presidency College [Duff College
1895	Das Nimaichandra	F C of Scotland's Institution and
1896	Mukhopadhyay, Jyotindranath	Presidency College
1897	Basu, Hemchandra	Ditto
1898	Lahiri, Kanajitchandra	Ditto
1899	Roy, Prabodhchandra	Patna College
1900	,, Tarakchandra	General Assembly's Institution
1901	Guha, Lalitchandra	Presidency College [Duff College
1902	Mukhopadhyay Pramathanath	F C of Scotland's Institution and
1903	Chakrabarti, Praphullakumar	Presidency College
1904	Ghosh, Rabindranarayan	Ditto
1905	Gupta, Atulchandra	Ditto
1906	Bandyopadhyay, Sitaram	Ditto
1907	Ghoshal, Girijabhushan	General Assembly's Institution
1908	Ray, Bipinbihari	Ravenshaw College

*Prizes were awarded in lieu of medal

1909	Chakrabarti, Kumudbandhu .	Victoria College, Cooch-Behar
1910	Sarkar, Ambujaksha	Presidency College
1911	Maitra, Susilkumar ...	Scottish Churches College
1912	Roy Rowland Thomas	Ditto
1913	Bandyopadhyay, Rabindranath	Ditto
1914	De, Bipinbihari	Non-Collegiate Student
1915	Brahma, Nalinikanta	Scottish Churches College
1916	Das, Sarojkumar	Presidency College
1917	Mitra, Suhritchandra	Scottish Churches College
1918	Chakrabarti, Abanimohan, II	City College
1919	Bandyopadhyay, Satyendramohan	Presidency College

38

HERSCHEL MEDAL

The Committee of the Herschel Testimonials Fund made over to the University a sum of Rs 1,800 in 4 (reduced to 3½) per cent Government Promissory Notes on the following conditions —

1 That an annual gold medal be instituted, bearing the words "Herschel Medal" on one side

2 That the medal be presented publicly every year at the annual Convocation for conferring degrees to that one of the successful candidates for the degree of Bachelor of Arts or Science who obtains the highest number of marks in the subjects appointed for Honours in Mathematics

MEDALLISTS

1881	Chandra, Aghornath	Presidency College
1882	Das, Radhagobinda	Ditto
1883	Set, Gobindalal	Ditto
1884	Sen, Narayanchandra	Ditto
1885	Ray, Satischandra	Ditto
1886	Basu, Abinaschandra	Ditto
1887	Karfarma, Suryyakumar	General Assembly's Institution
1888	Bhattacharyya, Manindranath	Presideney College
1889	Ghatak, Mohinikanta	Ditto
1890	De, Kiranchandra .	Ditto
1891	Ray, Charuchandra	Ditto
1892	Biswas, Rakhalraj .	Krishnagar College
1893	Raychaudhuri, Muralidhar	Ditto
1895	Pal, Jogindranath	Ditto
1896	Sengupta, Kalimohan	Presidency College
1897	Mukhopadhyay, Harisadhan	Ditto
1898	De, Krishnaprasad	General Assembly's Institution
1899	Ray, Baikunthachandra Gangopadhyay Phanindralal .	Ripon College B N College, Bankipur
1900	Ghosh, Mahimchandra	Presidency College
1901	Badyopadhyay, Bankimdas	Ditto
1902	De, Birendranath	Ditto
1903	Das, Amarendranath	Ditto [Duff College
1904	Gangopadhyay, Subodchandra	F C of Scotland's Institution and
1905	Basu Krishnabihari	Presidency College
1906	Bagchi, Bireswar ..	Ditto
1907	Mukhopadhyay, Kantichandra ..	General Assembly's Institution
1908	Bagchi, Haridas	Presidency College
1909	Chattopadhyay, Basantakumar	Ditto

1910	Bagchi, Kalidas	.	Presidency College
1911	Abdus Sobhan Mahmood		Ditto
1912	Ghosh, Debaprasad		City College
1913	Basu, Sateyndranath	...	Presidency College
1914	Mandal, Bibhutibhushan		Scottish Churches College
1915	Sinha, Harishchandra	...	Presidency College
1916	Sengupta, Birendranath		Ditto
1917	Mallik, Phanilal		Ditto
1918	Ghosh, Suddhodhan	-	Ditto
1919	Acharya, Purnachandra		Ditto

39

JYOTISHCHANDRA MEDAL.

In August, 1901, Babu Gobindachandra Basu, a retired Judicial Officer made over to the University a 3½ per cent Goverment Promissory Note for Rs. 500, for the purpose of creating an endowment for the annual award of a silver medal in memory of his son, Jytoishchandra Basu, who died on the 7th Decmber 1900, on the following conditions —

1 That an annual silver medal be instituted, bearing the words "Jyotishchandra Basu Medal awarded to .. ..year..... . .. . " on one side, and the University Arms on the other.

2 That the medal be presented publicly every year at the annual Convocation for conferring degrees to the student who obtains the highest number of marks in Sanskrit in the B A Honours Examination, provided he gets no other medal in the same subject, in which case the medal is to be awarded to the next best student

3 That the names of the medallists be printed in the University Calender and also in the *Gazette*

MEDALLISTS

1902	Basu, Hemantakumar	...	Rajchandra College, Barisal
1903	Daw Madhao Narayan	.	Morris College
1904	Sengupta, Kshirodchandra		Krishnagar College
1905	Sinha, Nandalal		General Assembly's Institution
1906	Dasgupta, Surendranath	.	Metropolitan Institution
1907	Mukhopadhyay, Prakaschandra	.	Presidency College
1908	Ghosal, Saratchandra		Genaral Assembly's Institution
1910	Bandyopadhyay, Gaurinath	...	Scottish Churches College
1911	Chattopadhyay, Bholanath	...	Krishnath College, Berhampur
1912	Bhattacharyya, Surendranath	.	Hughli College
1913	Ghosh, Jotindramohan	...	Sanskrit College
1914	Bhattacharyya, Bamanchandra	...	Metropolitan Institution
1915	Ghatak, Jyotishchandra	.	Bangabasi College
1916	Chattopadhyay, Kshitischandra	...	City College
1917	Karmakar, Ramsasi	.	Wesleyan College, Bankura
1918	Desarkar, Mahendrakumar	.	Jagannath Collge, Dacca
1919	Datta, Dhirendramohan	...	Non-Collegiate Student.

40

KING GEORGE AND QUEEN MARY CORONATION DURBAR MEDAL

In December, 1913, Sahebzada Md Ahmed Shah made over to the University on behalf of the members of the Mysore family and the Mysore Family Association a sum of Rs 1 000 for the purpose of creating an endowment for the annual award of a silver medal, rimmed with gold in commemoration of the Coronation Durbar of King George and Queen Mary at Delhi, on the following conditions —

1. That the medal be awarded every year to the best successful candidate who obtains the highest number of marks in Arabic or Persian at the B A Examination of the year

2 That the bear the works "King George and Queen Mary Medal founded by the Mysore Family and its Association, awarded to 19 " on one side and the University Arms on the other

The offer was thankfully accepted by the Syndicate

1915	Abdul Mannan	Patna College
1916	Abu Usman Khalid	Ditto
1917	Ahmud Abdul Wahab	Non-Collegiate Student
1918	S Mahammad Shajul Islam	Dacca College
1919	Ahmed Masihudawlah	Chittagong College

41

KSHETRAMOHAN CHTTERJEE MEDAL

Babu Charuchandra Chatterjee made over to the University Government Promissory Notes of the nominal value of Rs 1,500 for the purpose of creating an endowment for the annual award of a gold medal to commemorate the memory of his father, the late Babu Kshetramohan Chatterjee, on the following conditions —

1 That the medal be awarded to the student who stands first at the M A Examination in English

2. That the medal bear the words "Kshetramohan Chatterjee gold medal awarded to .. " on one side and the University Arms on the other

3. That it be publicly awarded at the annual Convocation for conferring degrees

4 That the names of the Medallists be printed in the University Calendar and also in the *Gazette*

MEDALLISTS

1910	Chattopadhyay, Narendranath	Presidency College
1911	Khitan, Kaliprasad	Ditto
1912	Bandyopadhyay, Srikumar	Ditto
1913	Chattopadhyay, Sunitikumar	Ditto
1914	Datta, Rabindramohan	Ditto
1915	Bhattacharyya, Manjugopal	University Student
1916	,, Gopalchandra, I ..	Ditto
1917	*Ray, Kumudbandhu	Presidency College
1918	Ray, Suhaschandra	Non-Collegiate Student
1919	Mukhopadhyay, Ramaprasad	University Student (Presidency College)

42

MANMATHANATH BHATTACHARYYA GOLD MEDAL

Mr K L. Dutt, Honorary Secretary and Treasurer, Manmathanath Bhattacharyya Memorial Fund, placed at the disposal of the University 4 per cent Calcutta Municipal Debentures of the nominal value of Rs. 1,500 for the purpose of creating an endowment for the anuual award of a gold medal in memory of the late Babu Manmathanath Bhattacharyya, M.A , on condition that the medal be awarded to the candidate securing the first place in the B Sc Examination of the year

The donation was thankfully accepted by the Syndicate

MEDALLISTS.

1911	Abdus Subhan Mahmood		Presidency College
1912	Bandyopadhyay, Durgapada		Ditto
1913	Basu, Satyendranath		Ditto
1914	Mandal, Bibhutibhushan	...	Scottish Churches College
1915	Sinha, Harishchandra		Presidency College
1916	Sengupta, Birendranath	...	Ditto
1917	Mallik, Phanilal	...	Ditto
1918	Ghosh, Suddhodhan		Ditto
1919	Acharya, Purnachandra	...	Ditto

43

McCANN MEDAL

The McCann Memorial Committee, on the 15th January, 1885, made over to the University a 4 per cent Government Promissory Note (reduced to 3½) for Rs. 500 on the following conditions —

1 That an annual Silver Medal be instituted bearing the words "McCann Medal awarded to... ...." on one side, and University Arms on the other

2 That the medal be presented publicly every year at the annual Convocation for conferring degrees to that student who obtains the highest number of marks in the B A or B Sc Examination for Honours in Mathematics among the successful Presidency College students, and who gains no other University Prize, Scholarship or Medal for Mathematics at that examination

3 That the names of the Medallists be printed in the University Calendar

MEDALLISTS

1885 Bandyopadhyay, Nrityagopal	1902 Ray, Niranjan
1886 Mitra, Srischandra	1903 Gupta, Kisorimohan
1887 Chattopadhyay, Jyotiprasad	1904 Mukhopadhyay, Hiralal
1888 Bandyapadhyay, Rakhalmohan	1905 Lala, Asutosh
1889 Mitra, Jyotischandra	1906 Sen, Manoranjan
1890 Niyogi, Bhabaniprasad	1907 Kar, Satischandra
1891 Biswas, Upendranath	1908 Basu, Birendrakumar
1892 Bandyopadhyay, Dhanapati	1909 Bagchi, Satinath
1893 Sarkar, Kshitischandra	1910 Gangopadhyay, Surendramohan
1894 Chakrabarti, Jnansaran	1911 Chattopdahyay, Sanatkumar
1895 Bhattacharyya, Rasikmohan	1912 Bandyopadhyay, Sudhansukumar
1896 Deb Manmathakrishna	1913 Saha, Meghnad
1897 Datta, Saratchandra	1914 Ghosh, Charuchandra
1898 Chakrabarti, Rebatimohan	1915 Chattopadhyay, Sarojkumar
1899 Sengupta, Debendranath	1916 Das, Panchanan
1900 Gangopadhyay, Saradakanta	1917 Basu, Nalinikanta
1901 Datta, Bidhubhushan	1918 Majumdar, Sudhirkumar
	1919 Dasgupta, Sudhansubimal

44

N. N. GHOSH MEDAL

Raja Binay Krishna Deb, Bahadur, President and Treasurer, N N Ghose Memorial Fund made over to the University the balance at credit of the fund amounting to Rs 1,000 in 4 per cent Municipal Debentures for the purpose of creating an endowment for the annual award of a medal either gold or silver according to the income of the endowment on the following conditions —

1 That an annual (gold or silver) medal be instituted bearing the words "N N Ghose Medal, awarded to . .. .." on one side and the University Arms on the other

2 That the medal be presented publicly every year at the annual Convocation for conferring degrees to the student, who obtains the highest number of marks in the B A Examination for Honours in Political Economy and Political Philosophy and that if there be no successful student in the Honours Course in that subject in any particular year, the medal be awarded to that student who obtains the highest number of marks in the subject in the Pass Course.

3. That the names of the medallists be published in the University Calendar

The donation was thankfully accepted by the Syndicate

MEDALLISTS

1911	Chaudhuri, Praphullachandra	.. Presidency College
1912	Das, Gobindachandra	.. Scottish Churches College
1913	Sinha, Jogischandra	. Presidency College
1914	Ray, Jaminiprasanna	Dacca College
1915	Sengupta, Mohitkumar	Presidency College
1916	Dutta, Birendrachandra	.. Ditto
1917	Nandi, Sudhindrakumar	. Scottish Churches College
1918	De, Hirendralal	Presidency College
1919	Sen, Ajitkumar	Ditto

45

PADMAVATI MEDAL

On the 4th December, 1888, Sir Rashbehari Ghose made over to the University two Government Promissory Notes of 5 (reduced to 3½) per cent. loan of 1865, of the value of Rs 2,500, in memory of his mother Srimati Padmavati, on the following conditions —

1 That an annual gold medal be instituted bearing the inscription "Padmavati Medal awarded to .. .." on one side and the University arms on the other

2. That the medal be presented every year at the annual Convocation for conferring degrees to a lady candidate for the degree of Bachelor of Arts, who, being a native of Bengal is admitted to that degree, and when there are more than one so admitted, to the graduate who obtains the highest number of marks.

3 That the names of the medallists be published in the University Calendar.

MEDALLISTS

1890	Ghosal, Sarala	Bethune College
1891	Datta, Jibanbala	Ditto
1892	Tagore, Indira	Private Student
1893	Ghosh, Surabala	Bethune College
1894	Rakshit, Saralabala	Ditto
1895	Cohen Matilda	Private Student
1896	Sen, Premkusum	Bethune College
1897	,, Sarala	Ditto
1898	Gupta, Margaret	Doveton College
1899	Majumdar, Snehalata	Bethune College
1900	Palit, Liliau	Private Student
1901	Basu, Rajkumari	Bethune College
1902	,, Hridaybala	Ditto
1903	Mittra, Kumudini	Ditto
1905	Singh, Mabel	Private Student
1906	Basu, Kamala	Ditto
1907	Mukherjee, Victoria	Ditto
1908	Ganguli, Jyotirmayi	Bethune College
1909	Rakshit, Sobhanbala	Ditto
1910	Bonnerjee, Marie	Ditto
1911	Guha, Regina	Non-Collegiate Student
1912	Kay, Nirmala	Bethune College
1913	Guha Hannah	Diocesan College
1914	Chattopadhyay, Santa	Bethune College
1915	Guha, Kitty	Diocesan College
1916	Hajra, Parimal	Ditto
1917	Dasgupta, Swarnaprabha	Bethune College
1918	Chatterjee Suniti	Diocesan College
1919	Hortense, Marian Rahn	Ditto

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46

PEARYCHAND MITRA MEDAL

The Pearychand Mitra Testimonial Committee, on the 7th May, 1886, made over to the University of Calcutta a 4 (reduced to 3½) per cent Government Promissory Note for Rs 500 on the following conditions —

1 That an annual silver medal be instituted, bearing the words "Pearychand Mitra Medal" on one side and the University Arms on the other

2 That the medal be presented publicly every year at the annual Convocation for conferring degrees to the successful student who obtains the highest number of marks in Philosophy in the Honours Course at the B A Examination, provided he gets no other medal, in the case that medal is to be awarded to the next best student

3 That the names of the medallists be printed in the University Calendar and also in the *Gazette*.

MEDALLISTS.

1886	Majumdar, Syamaprasanna	Presidency College
1887	Chakrabarti, Lalgopal	Ditto

*1888	Brij Nandan Prasad	Muir Central College
	Chattopadhyay, Rakhaldas	Presidency College
	Datta, Hirendranath	Ditto
1889	Hajra, Brajadurlabh	Ditto
1890	Bhattacharyya Mahimanath	Ditto
1891	Bandyopadhyay, Albion Rajkumar	Ditto
1892	Chattopadhyay, Jyotirmay	[College F C of Scotland's Institution and Duff
1893	Bandyopadhyay, Nirmalchandra	Presidency College
1894	Sinha, Charuchandra, II	Ditto
1895	Sarkar, Hemchandra	Ditto
1896	Bandyopadhyay, Amulyadhan	[College F C of Scotland's Institution and Duff
1897	Datta, Pramathanath	City College
1898	Ghosh, Nagendranath	Presidency College
1899	Bandyopadhyay, Jatindramohan	[College F C of Scotland's Institution and Duff
1900	De, Jatindramohan	Presidency College
1901	Sengupta, Nareschandra	Ditto
1902	Basu, Surendranath	Ditto
1903	Banbery, H	Teacher
1904	Kundu, Surendranath	B M Institution, Barisal
1905	Ghosh Khargasinha	Private Student
1906	Sarkar Binodbihari	Presidency College
1907	Biswas, Charuchandra	Ditto
1908	Sibeswar Dayal	B N College, Bankipur
1909	Gangopadhyay, Narendrachandra	Presidency College
1910	Jacob, Alfred Gladwin	Bishop's College
1911	Bhattacharyya, Berendralal	Scottish Churches College
1912	Chakrabarti, Jitendrakanta	Ditto
1913	Chandra Kamalchandra	Presidency College
	Sanyal, Prabodhchandra	Scottish Churches College
1914	Nandi, Aswinikumar	City College
1915	Ray, Bholanath	Presidency College
1916	Ghosh Prabhaschandra	Ditto
1917	Mukhopadhyay, Gangacharan	Scottish Churches College
1918	Chandra, Abhaypada	Presidency College
1919	Rakhit, Benoybhushan	Scottish Churches College

47

PHILIP SAMUEL SMITH PRIZE

On the 20th September, 1888, the Honorary Secretaries to the Philip Samuel Smith Memorial Fund, made over to the University a sum of Rs. 990-4 on the following conditions —

1 That an annual prize of books be awarded to the Students who obtains the highest number of marks in Ethics and Natural Theology in the B A. Honours Examination

2 That the names of the prize-winners be published in the University Calendar

PRIZE-WINNERS

1891	Bandyogadhyay, Albion Rajkumar	Presidency College
1892	Majumdar, Haripada	Metropolitan Institution
1893	Chakrabarti, Jogendrachandra	[College F C of Scotland's Institution and Duff
1894	Chakrabarti, Saratkumar	Presidency College

*Prizes were awarded in lieu of medal

1895	Bhattacharyya, Krisnachandra	Presidency College
1896	Mukhopadhyay, Jatindranath	Ditto
1897	Basu, Hemchandra	Ditto
1898	Ghosh, Nagendranath	Ditto
1899	Ray, Prabodhchandra	Patna College
1900	De, Jatindramohan	Presidency College
1901	Guha Lalitchandra	Ditto
1902	Mukhopadhyay Pramathanath and Sen, Suryyakanta	[Duff College F C of Scotland's Institution and Presidency College
1903	Chakrabarti, Praphullakumar	Ditto
1904	Ghosh, Rabindranarayan	Ditto
1905	Ghosh, Khargasinha	Private Student
1906	Bandyopadhyay, Sitaram	Presidency College
1907	Ghoshal, Girijabhushan	General Assembly's Institution
1908	Ray, Bipinbihari	Ravenshaw College
1909	Chakrabarti, Kumudbandhu	Victoria College, Cooch-Behar
1910	Ray, Satishchandra	Presidency College
1911	Maitra, Susilkumar	Scottish Churches College
1912	Roy, Rowland Thomas	Ditto
1913	Bandyopadhyay, Rabindranath	Ditto
1914	De, Bipinbihari	Non-Collegiate Student
1915	Sinha, Jadunath	City College
1916	Ghosh, Prabhaschandra	Presidency College
1917	Mitra, Suhritchandra	Scottish Churches College
1918	Chakrabarti Abanimohan, II	City College
1919	Basu, Subhaschandra	Scottish Churches College

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PRATAPCHANDRA MAJUMDAR MEDAL

In November, 1908, the Honorary Secretary to the Pratapchandra Majumdar Memorial Fund made over to the University G P Notes of the nominal value of Rs 1,500 for the purpose of creating an endowment for the annual award of a gold medal to be called the "P C Majumdar Memorial Medal" to be awarded at the annual Convocation of the University to the student who obtains the highest number of marks in Natural Theology at the B A Honours Examination in Philosophy

MEDALLISTS

1909	Chakrabarti, Kumudbandhu	Victoria College, Cooch-Behar
1910	Jacob, Alfred Gladwin	Bishop's College
1911	Maitra Susilkumar	Scottish Churches College
1912	Roy, Rowland Thomas	Ditto
1913	Sen, Priyanath	Ditto
1914	De, Bipinbihari	Non-Collegiate Student
1915	Brahma, Nalinikanta	Scottish Churches College
1916	Raychaudhuri, Sudhirranjan	Presidency College
1917	Mukhopadhyay, Gangacharan	Scottish Churches College
1918	Chakrabarti, Abanimohan, II	City College
1919	Basu, Subhaschandra and Syed Abdul Majid	Scottish Churches College Rajshahi College

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49

PRASANNAKUMAR SARBADHIKARI MEDAL

The Prasannakumar Sarbadhikari Memorial Committee, on the 20th March 1891, made over to the University of Calcutta two 5 per cent Municipal Debentures for Rs 1,500 on the following conditions —

1 That an annual gold medal be instituted bearing the words "Prasannakumar Sarbadhikari Medal" on one side and the University Arms on the other

2 That the medal be presented publicly every year at the annual Convocation for conferring degrees to the successful student who obtains the highest number of marks in Sanskrit in the Honours Course of the B A Examination of the year, and who gets no other medal, provided he pursues his studies in some well-organised institution for the M A degree

3 That the names of the medallists be printed in the University Calendar

Medallists

1891	Narayan Dajiba Wadegaonkar	Hislop College, Nagpur
1892	Acharyya Satischandra	Krishnagar College
1893	Bhattacharyya, Debabrata	Presidency College
1894	Ghosh, Dakhinaranjan	Ditto
1895	Bandyopadhyay, Saratchandra	Ditto
	Sen, Kaminikumar	Dacca College
1896	Chakrabarti, Benamali	Presidency College
1897	,, Haridas	Ditto
1898	Ray, Trailokyanath	Ditto
1899	Laskar, Gangamohan	Dacca College
1900	Basu Mallinath	Presidency College
1901	Dhar, Mukundalal	Dacca College
1902	Ghoshal, Panchanan	Presidency College
1903	Datta, Rabindranath	Ditto
1904	Dattagupta, Akshaykumar	Ditto
1905	Sen, Satyenderanath	Ditto
1906	Ray, Karunamay	City College
1907	Chakrabarti, Kumudchandra	Presidency College
1908	Bhattacharyya, Pasupatinath	Ditto
1909	Bhaumik, Mokshadacharan	Rajshahi College
1910	Chattopadhyay, Jatindramohan	Dacca College
1911	Chakrabarti Abhayacharan	Jagannath College
1912	Mukhopadhyay Hiralal ...	Presidency College
1913	Chattopadhyay, Chambhushan	Scottish Churches College
1914	Mal, Pasupati	Wesleyan Mission College, Bankura
1915	Mukhopadhyay, Amritaranjan	Presidency College
1916	,, Satkari	Sanskrit College
1917	Handiqui, Krisnakanta	Ditto
1918	Mukhopadhyay, Satyakinkar	Wesleyan College, Bankura
1919	Ghatak, Jogeschandra	Jagannath College, Dacca

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RADHAKANTA MEDAL

The subscribers to the Radhakanta Memorial Fund made over to the University the residue of the Fund, after providing for the bust and portrait of the deceased Raja, amounting to Rs 2,000 in Municipal Debentures, with a

request, that the annual interest on the Debentures might be applied "In awarding a gold medal to the best Sanskrit scholar among the successful candidates for the degree of B.A of each year"

At the annual meeting of the Senate in 1873, this benefaction was thankfully accepted

It was decided by the Syndicate at their meeting, held on the 23rd May, 1908, that the competition of the Medal be confined only to candidates who have passed the B.A Examination with Honours in Sanskrit

MEDALLISTS

1874	Lahiri, Prasannakumar	Presidency College
1875	Das, Jnanendranath	Ditto
1876	Bhattacharyya, Haraprasad	Ditto
1877	Chaudhuri, Prasannanarayan	Free Church Institution
1878	Nag, Kunjalal	Genaral Assembly's Institution
1879	Basu Kedarnath	Ditto
1880	Mukhopadhyay Ramprasanna	Presidency College
1881	Lahiri, Harihar	Ditto
1882	Bandyopadhya, Rajendrachandra	Ditto
1883	,, Umacharan	Dacca College
1884	,, Kalikrishna	Presidency College
1885	Kabiraj Baikunthanath	General Assembly's Institution
1886	Bhattacharyya, Janakinath	City College
1887	Bandyopadhyay, Lalitkumar	Metropolitan Institution
1888	Datta, Hirendranath	Presidency College
1889	Chakrabarti, Himansunath	Ditto
1890	Bhattacharyya, Asutosh	Ditto
1891	Misra, Ramballabh	Patna College
1892	Mukunda Raghaba Pathak	Hislop College, Nagpur
1893	Sen, Priyanath	Presidency College
1894	Chakrabarti, Brajalal	Ditto
1895	Guha, Abinaschandra	Ditto
1896	Gangopadhyay, Haricharan	Ditto
1897	Chattopadhyay, Dineschandra	Ditto
1898	Goswami, Bhgabatkumar	Ditto
1899	Ray, Bipinchandra	Dacca College
1900	Punde Ramavatar Sarma	Teacher
1901	Bandyopadhyay, Bhabeschandra	Presidency College
1902	Ray, Debendranath	Ditto
1903	Mallik Girindranarayan	Ditto
1904	Sengupta, Haripada	Bangabasi College
1905	Sen, Manibhusan	Presidency College
1906	Bhattacharyya, Jatindranath	Ditto
1907	Ray, Hemchandra	Bangabasi College
1908	Majumdar Surendranath	Presidency College
1909	Das, Bhagirathchandra	City College
1910	Basu, Bireswar	Bangabasi College
1911	Ghosh, Ramsaran	Scottish Churches College
1912	Guha, Bipinbihari	City College
1913	Bhattacharyya, Bisnupada	Sanskrit College
1914	Chakrabarti, Prabhtchandra	Dacca College
1915	Chaudhuri, Jogendradas	Jagannath College
1916	Dhar, Narendrachandra	Dacca College
1917	Chattopadhyay, Abhaypada	Presidency College
1918	Biswas, Asutosh	Ditto
1919	Mitra, Rashbihari	Ditto

51

RAI AMRITANATH BAHADUR PRIZE

On the 10th April, 1900, the Director of Public Instruction, Bengal, on behalf of Rai Amritanath Mitra, Bahadur made over to the University the sum of Rs. 1,500 in 4 per cent Municipal Debentures for the purpose of founding a prize of Rs 60 to commemorate the occasion of the marriage of his youngest son, Dhirendranath Mitra, on the following conditions —

That the prize be awarded annually to the Hindu student who passing in the B A Examination in Physics or Chemistry in alternate year or the B Sc. Examination of the University, secures the highest percentage of marks in Honours in the combined subjects of Physical Science and Chemistry, provided such student holds no other scholarship and undertakes to proceed to the higher degree of M.A or M Sc

PRIZE WINNERS

1901	Mitra, Phanindranath	Presidency College
1903	Niyogi, Panchanan	Metropolitan Institution
1904	Ray, Nagendranath	Presidency College
1905	Basu Debendramohan	Ditto
1906	De, Rajanikanta	Ditto
1907	Raychaudhuri, Sukumar	Ditto
1908	Dasgupta, Praphullachandra	Ditto
1909	Sanyal, Phanibhushan	Ditto
1910	Sengupta, Jitendrakumar	Ditto
1911	Keshodayal	Patna College
1912	Nandi, Kunjabihari	Dacca College
1913	Mukhopadhyay, Girijanath	Scottish Churches College
1914	Sen, Nagendranath	Krishnath College, Berhampur
	„ Kamakhyacharan	Scottish Churches College
1915	Bandyopadhyay, Durgadas	Presidency College
1916	Ray, Jnanendranath	Ditto
1917	Basu, Ramgobinda	Ditto
1918	Bandyopadhyay, Gopalchandra	Ditto
1919	Gupta, Priyabandhu	Ditto

52

RAMTANU LAHIRI AND GANGAMANI DEVI GOLD MEDALS

On the 27th August, 1908, Mr. S K Lahiri submitted for the acceptance of the Syndicate the copy-right of his publication called "Lahiri's Select Poems" and requested that out of the sale proceeds of the book a gold medal might be awarded every year to the best scholar in Moral Philosophy at the B A Examination in memory of his father, late Babu Ramtanu Lahiri.

The Syndicate at their meeting held on the 29th August, 1908, thankfully accepted the offer of Mr S. K Lahiri

At the meeting of the Syndicate held on the 27th May 1911, the Registrar reported that there was a balance of Rs 3,335-8 out of the sale proceeds of "Lahiri's Select Poems" after meeting the printing charges, &c, and enquired how the amount was to be utilised The Syndicate thereupon resolved that two gold medals be annually awarded to the best graduates (one male and and one female) in Mental and Moral Philosophy at the B A Examination in memory of

the late Babu Ramtanu Lahiri and Srimati Gangamani Devi, respectively bearing the following inscriptions —

"In memory of Ramtanu Lahiri, father of S K Lahiri, awarded to and "In memory of Gangamani Devi, mother of S K Lahiri, awarded to on one side of the Medals and the University Arms on the other

MEDALLISTS

1912	Roy Rowland Thomas (Ramtanu Lahiri Gold Medallist)	Scottish Churches College
	Ghoshal, Prativa (Gangamani Devi Gold Medallist)	Bethune College
1913	Bandyopadhyay Rabindranath (Ramtanu Lahiri Gold Medallist)	Scottish Churches College
	Datta, Sarojini (Gangamani Devi Gold Medallist)	Non-Collegiate Student
1914	De, Bipinbihari (Ramtanu Lahiri Gold Medallist)	Non-Collegiate Student
	Brown, Constance (Gangamani Devi Gold Medallist)	Diocesan College
1915	Brahma, Nalinikanta (Ramtanu Lahiri Gold Medallist)	Scottish Churches College
	Quazi, Sophiya (Gangamani Devi Gold Medallist)	Non-Collegiate Student
1916	Das Sarojkumar (Ramtanu Lahari Gold Medallist)	Presidency College
	Hilda Pascal (Gangamani Devi Gold Medallist)	Non-Collegiate Student
1917	Mitra, Suhritchandra (Ramtanu Lahiri Gold Medallist	Scottish Churches College
	Dasgupta, Swarnaprabha (Gangamani Devi Gold Medallist)	Bethune College
1918	Chakrabarti, Abanimohn, II (Ramtanu Lahiri Gold Medallist)	City College
	Gupta, Sunitibala, (Gangamani Devi Gold Medallist)	Non-Collegiate Student
1919	Bandyopadhyay, Satyendramohan (Ramtanu Lahiri Gold Medallist)	Presidency College
	Siddhanta, Chitralekha (Gangamani Devi Gold Medallist) ..	Bethune College

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53

SARVESWARA AND PURNACHANDRA MEDAL

Babu Kunjabihari Ghosh, Executor to the estate of the late Babu Sarveswara Mitra of Allahabad, made over to the University the sum of Rupees 1,500 for the purpose of creating an endowment for the annual award of a gold medal to the student who stands first in order of merit in Class I either in English or Mathematics in the B.A Examination, the Medal to bear the inscription "Sarveswara and Purnachandra medal" on one side, and the University Arms on the other

The offer was thankfully accepted by the Syndicate

MEDALLISTS

1912	Ghosh, Debaprasad	City College
1913	Kahali, Satyasaran	Victoria College, Cooch-Behar
1914	Ghosh, Bankubihari	Scottish Churches College
1915	Ray, Lalitkumar	Ditto
1916	Ghosh, Jyotirmay	Presidency College
1917	Sarkar, Narendranath	Ditto
1918	Khaitan, Chandiprasad	Ditto
1919	Sen, Sukumar	Ditto

54

TARAKNATH RAY (OF BHATPARA) PRIZE

In October, 1908, Babu Krishanchandra Ray made over to the University 3½ per cent G P Notes of the nominal value of Rupees one thousand for the purpose of creating an endowment for the annual award of a prize to perpetuate the memory of his father, the late Babu Taraknath Ray of Bhatpara on the following conditions —

1 That the Prize be called "The Taraknath Ray (of Bhatpara) Prize'

2 That it be awarded to the successful candidate at the B A Examination from the Hughly College who secures the highest number of marks in English.

3. That it be publicly awarded every year at the Convocation for conferring Degrees.

4. That the names of the Prize-winners be published in the Universit Calendar

PRIZE-WINNERS

1909	Saha, Sasipada
1910	Nandi, Abanimath
1911	Sen, Umaprasad
1912	Bhattacharyya, Surendranath
1913	Ray, Nityagopal
1914	Ganguli, Satischandra
1915	Sil. Narendranath
1916	Biswas, Jogeschandra
1917	Bhattacharyya, Ramratan
1918	,, Jogendranath
1919	Mukhopadhyay, Panchanan

55

TAWNEY MEMORAL PRIZE

In May, 1900, the Honorary Secretary, Tawney Memorial Committee forwarded, for the acceptance of the Hon'ble the Vice-Chancellor and Syndicate Government Promissory Notes for Rs 1,000 of the 3 per cent loan of 1896, with a view to creating an endowment for the annual award of a prize, to be called the "Tawney Memorial Prize," under the following conditions —

1. That the prize be called the 'Tawney Memorial Prize" and be awarded annually to the candidate educated in the Presidency College, Calcutta, who passes the B.A Examination with Honours in English, and gains the highest number of marks in this subject among the candidates from the College .

2. That the value of the prize be Rs 30, and that it be awarded for the first time on the results of the B A Examination of 1900

3 That the prize be awarded in a public manner, books being on English Literature, History or Philosophy, such as may be selected by the candidate who wins it

4. That the list of winners of the prize be published in the University Calendar for successive years in the usual way

The offer was thankfully accepted by the Syndicate

PRIZE-WINNERS

1900	Basu, Manmathanath Mitra, Nandakisor
1901	Ray, Satishchandra
1902	Ghosh, Praphullachandra
1903	Mukhopadhyay, Amalkrishna
1904	De, Prabodhchandra
1905	Sarkar, Binaykumar
1906	Bhattacharyya, Sailendranath
1907	Biswas, Charuchandra Sanyal Girijaprasanna
1908	Mukhopadhyay, Kiranchandra
1909	Sen Kshitischandra
1910	Chakrabarti, Harendrachandra
1911	Chattopadhyay, Sunitikumar
1912	Chaudhuri Siddheswar
1913	Mitra, Chandicharan
1914	Samaddar, Nripada
1915	Kikati, Bankinthi
1916	Bhattacharyya, Satischandra
1917	Sen, Hirendrachandra
1918	Ray, Birendrabinod
1919	Majumdar, Jatindrachandra

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TRIPUNDESWAR MITRA MEDAL

In August, 1913, Babus Ajaynath Mitra and Asoknath Mitra offered to place at the disposal of the University a sum of Rs 3,000 for the purpose of creating an endowment for the annual award of a gold medal in memory of their father, the late Babu Tripundeswar Mitra The medal is to be awarded to the student obtaining the highest number of marks in Honours Physics or Chemistry at the B Sc Examination

The offer was thankfully accepted by the Syndicate

MEDALLISTS

1913	Ghosh, Jnanendrachandra	Presidency College
1914	Sarkar, Surendranath	Scottish Churches College
1915	Basu, Nagendranath	Ditto
1916	Mukhopadhyay, Sitalchandra	St Xavier's College
1917	Chattopadhyay, Kshitisprasad	Presidency College
1918	Sarkar, Indubhushan	Cotton College, Gauhati
1919	Chaudhuri, Abalakanta ...	Scottish Churches College

57

VIDYASAGAR MEDAL

On the 14th December 1892, the Honorary Secretary to the Vidyasagar Memorial Fund made over to the University a sum of Rs 560 for the purpose of annually awarding a silver medal to be called "Vidyasagar Medal," to a student of the Presidency College who stands first in Sanskrit at the B A Honours Examination, and who does not obtain any other medal in the same subject

The donation was thankfully accepted by the Syndicate at their meeting held on the 14th January, 1893

MEDALISTS

1893 Bhattacharyya, Kokileswar
1894 Sen, Sasankamohan
1895 Bhattacharyya, Krishnachandra
1897 Chattopadhyay, Akhilchandra
1898 Ghoshal, Prasannakumar
1899 Chattopadhyay, Kshirodbihari
1900 Das, Raghunath
1901 Chakrabarti, Nilmani
1902 Tanusinha Manipuri
1903 Chattopadhyay, Asutosh
1906 Bhattacharyya, Guruprasanna
1907 Goswami, Ramanimohan
1908 Chattopadhyay, Lakshminarayan
1909 Bandyopadhyay, Pramathanath
1910 Narayan Nanda
1913 Mitra, Haridas
1918 Sengupta Sureschandra
1919 Mallik, Pasupatinath

58

WILLIAM SMITH MEMORIAL PRIZE

On the 8th August, 1899, the Honoary Secretary, Smith Memorial Committee made over to the University 3½ per cent Government Promissory Notes for Rs 2,000 and 133-12 in cash for the purpose of founding a prize in memory of the late Revd William Smith, M A, Principal of the General Assembly's Institution, Church of Scotland Mission, Calcutta on the following conditions—

(1) That it be called the "William Smith Prize"

(2) That it be awarded publicly at the annual Convocation, to the successful student who stands first in Philosophy Honours in the B A. Examination from the General Assembly's Institution. And that in the event of there being no successful student in Philosophy Honours for one year or more, two prizes shall be given to the two best successful students in Philosophy Honours from the General Assembly's Institution the following year, and the balance of the accumulated interest shall be added to the capital No prizeman shall be entitled to more than the net interest for one year.

(3) That the names of the prizemen be published in the University Calendar

(4) That the Prize shall consist of books to be selected by the candidate entitled to the same.

(5) That the University be entitled to alter the destination of the Fund on the application of the authorities of the General Assembly's Institution, should University see fit.

PRIZE-WINNERS

1899	Sengupta, Gokulchandra	General Assembly's Institution
1900	Ray, Tarakchandra	Ditto
1902	Das, Rameschandra	Ditto
	Maitra, Jyotischandra	Ditto
1903	Ray, Susikumar	Ditto
1905	Sinha, Nandalal	Ditto
1907	Ghoshal, Girijabhushan	Ditto
1908	Ray, Mrigankabhushan	Ditto
1910	Dasgupta, Jitendranath	Scottish Churches College
1911	Maitra, Susilkumar	Ditto
1912	Roy Rowland Thomas	Ditto
1913	Bandyopadhyay, Rabindranath	Ditto
1914	Chattopadhyay, Satischandra	Ditto
1915	Brahma, Nalinikanta	Ditto
1916	Mukhopadhyay, Asutosh	Ditto
1917	Mitra, Suhritchandra	Ditto
1918	Ray, Bamacharan	Ditto
1919	Basu, Subhaschandra	Ditto

59

WOODROW SCHOLARSHIP

The subscribers to the Fund raised for the purpose of commemorating the services of the late Mr Woodrow, made over to the University of Calcutta Rs 4,800 in Government Promissory Notes of 4 (reduced to 3½) per cent. loan, in order to establish a Science Scholarship of Rs 14 a month, tenable for one year, to be awarded to the best student at the B A or B Sc Examination in Chemistry and Physics in alternate years, provided he is a native of Bengal, and does not hold any University, Government, or private Scholarship and pursues his studies in Science under University Lecturer or in some well-organised Institution for the degree of Master of Arts or Science

SCHOLARS

1879	Datta, Brajaballabh	Krishnagar College
1880	Sarkar, Biharilal	Presidency College
1881	Guha, Prasannakumar	Dacca College
1882	Sen, Kshirodchandra	Ditto
1883	Mukhopadhyay, Bisweswar	Patna College
1884	Bandyopadhyay, Kshetramohan	Presidency College
1886	Das, Gobindachandra ..	Dacca College
1887	Chattopadhyay, Brajendranath	Presidency College
1888	Basu, Basantakumar ..	Ditto
1889	Chattopadhyay, Asutosh ...	Ditto
1890	Ghosh, Dasarathi ...	Ditto
1891	Basu, Debendranath .	City College

1892	Gangopadhyay, Kaliprasanna	Presidency College
1893	Nag, Kamakhyacharan	City College
1894	Ray, Jnanendranath	Ditto
1895	Datta, Krishnalal	General Assembly's Institution
1896	Sengupta Jyotindranath	City Cllege
1897	Biswas, Gopalchandra	Presidency College
1898	Sen, Jatindranath	Ditto
1899	Ghosh, Sailendra	,, T N Jubilee College
1900	Sinha, Surendrabinod	Presidency College
1901	De Hridaykrishna	Ditto
1903	Niyogi, Panchanan	Metropolitan Institution
1904	Basu, Surendranath	Presidency College
1905	Ghosh, Phanindranath	Bangabasi College
1906	Mitra, Hemendranath	T N Jubilee College
1907	Basu, Amarendranath	Duff College
1908	Das, Jagadischandra	Krishnagar College
1909	Sen, Binodchandra	Presidency College
1910	Sengupta Jitendrakumar	Ditto
1911	Datta, Trailokyanath	Ditto
1912	Ghosh, Upendranath	Dacca College
1913	Datta, Snehamay	Ditto
1914	Sen, Nagendranath	Krishnath College, Berhampur
1915	Ray, Satischandra	Patna College
1916	Ghosh Subodhkumar	St Xavier's College
1917	Ray Kesabnath	Scottish Churches College
1918	Chanduri, Anandaprasad	Presidency College
1919	Mukhopadhyay, Mrityunjay	Ditto

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BANKIMCHANDRA MEDALS

On the 20th April 1897, the Honorary Secretary Bankimchandra Memorial Committeee, made over to the University a sum of Rs 4,277-9-0 (invested in 3½ per cent Government Promissory Notes for Rs 4,000) in order to found a gold medal, to be awarded annually for the best Bengali Composition at the B A Examination, and a silver (or if circumstance should allow a gold) medal for the best Bengali Composition at the Intermediate in Arts or Science Examination to be called the "Bankimchandra Chatterjee, B A, Intermediate in Arts or Science Gold (Silver Medal" for Original Composition in Bengali, on the following conditions —

1 That the medal bear the words "Bankimchandra Medal awarded to " on one side and the University Arms on the other

2 That the medal be presented publicly every year at the annual Convocation for conferring dogrees

3 That the names of the Medallists be printed in the University Calendar

Medallists

1898	Bandyopadhyay, Panchanan (*Gold Medallist*)	Krishnagar College
,,	Gupta, Nalinikanta (*Silver Medallist*)	Dacca College
1899	Ghosh, Sibchandra (*Gold Medallist*)	Metropolitan Institution
,,	Bhattacharyya, Jnanendranath (*Silver Medallist*) ,,	Berhampur College

1900	Mitra, Nandakisor (*Gold Medallist*)	Presidency College
,,	Basu, Surendrakumar, De Prasannakumar (*Silver Medallists*)	Burdwan Raj College, Rajchandra College
1901	Ray, Brajasundar, Sen, Nagendranath (*Gold Medallists*)	Presidency College, Ripon College
,,	Chattopadhyay, Kshitischandra (*Silver Medallist*)	Sanskrit College
1902	Chakrabarti, Hiralal (*Gold Medallist*)	Presidency College
,,	Ghosh, Manmathanath (*Silver Medallist*)	General Assembly's Institution
1903	Chaudhuri, Bhupendranarayan (*Gold Medallist*)	Bangabasi College
,,	Sinha, Nandalal (*Silver Medallist*)	General Assembly's Institution
1904	Mukhopadhyay, Nrityalal (*Gold Medallist*)	Presidency College
,	Sengupta, Pratapchandra (*Silver Medallist*)	Bangabasi College
1905	Sarkar, Praphullakumar, Sinha, Nandalal, Mallik, Kumudranjan (*Gold Medallists*)	Metropolitan Institution, General Assembly's Institution, City College
,,	Pal, Aswinikumar (*Silver Medallist*)	B M Institution, Barisal
1906	Gangopadhyay, Rajendranath (*Gold Medallist*)	Duff College
,,	Ray, Saradindunath (*Silver Medallist*)	Krishnath College
1907	Ray, Saratchandra (*Gold Medallist*)	Presidency College
,,	Sen, Kshitischandra (*Silver Medallist*)	Ditto
1908	Ghoshal, Saratchandra (*Gold Medallist*)	General Assembly's Institution
,,	Joardar, Harendranath (*Silver Medallist*)	Rajshahi College
1909	Basu, Nirmalchandra (*Gold Medallist*)	Presidency College
,,	Modak, Satyendranath (*Silver Medallist*)	Krishnagar College
1910	Mitra, Jatindramohan, ,, Sailendranath (*Gold Medallists*)	Presidency College
,,	Sengupta, Jyotiprasad (*Silver Medallist*)	Krishnagar College
1911	Bag, Jyotishchandra (*Gold Medallist*)	City College
,,	Kundu, Dhirendranath (*Silver Medallist*)	Wesleyan Mission College, Bankura
1912	Bhattacharyya, Harisatya, Chakrabarti, Ramanikanta (*Gold Medallists*)	Scottish Churches College
,,	Sinha, Jogischandra (*Silver Medallist*)	City College
1913	Sengupta, Nalinikanta (*Gold Medallist*)	Presidency College
,,	Sen, Satyakinkar (*Silver Medallist*)	Ditto

1914	Ghosh Harendranath Bhattacharyya, Ananganath	(*Gold Medallists*)	Non-Collegiate Student Scottish Churches College
"	Ghosh, Jyotirmay Set, Manmathanath	(*Silver Medallists*)	Nirail Victoria College Presidency College
1915	Sarkar, Santoshkumar (*Gold Medallist*) Sarkar, Pramathanath (*Silver Medallist*)		Victoria College, Cooch Behar Presidency College
1916	Mitra, Dayamay (*Gold Medallist*) De, Nalinranjan (*Silver Medallist*)		Scottish Churches College St Paul's C M College
1917	Sarkar, Pramathanath (*Gold Medallist*) Sinha, Kalinath (*Silver Medallist*)		Presidency College Metropolitan Institution
1918	Vidyabhushan, Priyanath (*Gold Medallist*) Bardhan, Dhirendrachandra Sengupta, Jitendranath	(*Silver Medallists*)	Non-Collegiate Student Comilla Victoria College Carmichael College, Rangpur
1919	Sengupta, Bhupatimohan Santra, Kishorimohan Mukhopadhyay,* Syamaprasad (*Gold Medallist*)	*Gold Medallists*)	South Suburban College Ripon College Presidency College

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KESHABCHANDRA SEN MEDAL

On the 10th January, 1891, the Keshabchandra Sen Memorial Committee through their Honorary Secretary made over to the University 4 (reduced to 3½) per cent Government Promissory Notes to the value of Rs 8,000, with the request that half of the annual interest of the above amount be devoted to annually awarding a gold medal and a prize of books to the value of Rs 140, necessary for the further prosecution of his studies in Philosophy to the student at the B A Examination who takes the highest Honours in his year in that subject, and that the other half of the interest be devoted to awarding an annual prize of the value of Rs. 140 in money and books to the famale student who stands highest in general proficiency at the Martriculation Examination of her year

MEDALLISTS

1890	Patel, J	St Xavier's College
1891	Mukhopadhyay Nondalal	Presidency College
1892	Majumdar, Haripada	Metropolitan Institution [College
1893	Chakrabarti, Jogendrachandra	F C of Scotland's Institution and Duff
1894	Chakrabarti, Saratkumar ...	Presidency College [College
1895	Das, Nimaichandra	F C. of Scotland's Institution and Duff
1896	Mukhopadhyay, Jyotindranath	Presidency College
1897	Basu, Hemchandra	Ditto
1898	Lahiri, Ranajitchandra ..	Ditto

1899	Ray, Prabodhchandra	Patna College
1900	„ Tarakchandra	General Assembly's Institution
1901	Guha, Lalitchandra	Presidency College [College
1902	Mukhopadhyay, Pramathanath	F. C of Scotland's Institution and Duff
1903	Chakrabarti, Praphullakumar	Presidency College
1904	Ghosh, Rabindranarayan	Ditto
1905	Gupta, Atulchandra	Ditto
1906	Bandyopadhyay, Sitaram	Ditto
1907	Ghoshal, Girijabhushan	General Assembly's Institution
1908	Ray, Bipinbihari	Ravenshaw College
1909	Chakrabarti, Kumudbandhu	Victoria College, Cooch-Behar
1910	Sarkar, Ambujaksha	Presidency College
1911	Maitra, Susilkumar	Scottish Churches College
1912	Roy, Rowland Thomas	Ditto
1913	Bandyopadhyay, Rabindranath	Ditto
1914	De, Bipinbihari	Non-Collegiate Student
1915	Brahma, Nalinikanta	Scottish Churches College
1916	Das, Sarojkumar	Presidency College
1917	Mitra, Suhritchandra	Scottish Churches College
1918	Chakrabarti, Abanimohan, II	City College
1919	Bandyopadhyay, Satyendramohan	Presidency College

PRIZE-WINNERS.

1916	Majumdar, Shwapona	Maharani High School, Darjeeling
1917	Datta, Sudha	Ditto
1918	Majumdar, Renuka	Diocesan College
1919	Das, Jyotsnamayee	Brahmo Balika Sikshalaya

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MANACKJEE RUSTOMJEE MEMORIAL SCHOLARSHIP AND MEDAL

The Executive Committee of the Manackjee Rustomjee Memorial Fund made over to the University 3½ per cent Government Securities of the value of Rs, 6 000 for the purpose of founding a Scholarship of Rs 8 a month in memory of the late Mr Manackjee Rustomjee The Scholarship is to be annualy awarded by the Syndicate on the following conditions -

(*i*) That the Scholarship should be called "The Manackjee Rustomjee Scholarship"

(*ii*) That it shuld be tenable for two years and given to the student who shall pass first in Anatomy at the First M B Examination of the Calcutta University.

(*iii*) That the first Scholarship shall be awarded upon the results of the next ensuing Examination to be held in the present year

To determine the relative merits of the candidates the marks in pass as well as in Honours are to be taken into account, after deducting the minimum for a pass and the minimum for Honours, from these marks

The Committee of the above Fund also made over to the University 3½ per cent Government Securities of the value of Rs. 2,000 for the purpose of founding a gold medal to be called "The Manackjee Rustomjee Gold Medal" to be awarded annually to the student who shall pass first in English with Honours at the B A Examination

MEDALLISTS

1898	Chakrabarti, Rebatimohan	Presidency College
1899	Dasgupta, Asutosh	Genaral Assembly's Institution
1900	Basu, Manmathanath	Presidency College
	Mitra, Nandakisore ...	Ditto
1901	Ray, Satischandra	Ditto
1902	Ghosh, Praphullachandra	Ditto
1903	Mukhopadhyay, Amalkrishna .	Ditto
1904	Trutween. P W	Rangoon College
1905	Sarkar, Binaykumar ..	Presidency College
1906	Bhattacharyya, Sailendranath	Ditto
1907	Biswas, Charuchandra	Ditto
	Sanyal, Girijaprasanna	Ditto
1908	Mukhopadhyay, Kiranchandra	Ditto
1909	Sen, Kshitischandra	Ditto
1910	Bandyopadhyay, Srikumar	Scottish Churches College
1911	Chattopadhyay, Sunitikumar	Presidency College
1912	Mitra, Panchanan	Ripon College
1913	Kahali Satyasaran	Victoria College, Cooch-Behar
1914	Dasbarma, Sachindralal	Scottish Churches College
1915	Ray, Kumudbandhu	Ripon College
1916	Gangopadhyay, Panchanan	Metropolitan Institution
1917	Sen, Amiyakumar	City College
1918	Ray, Birendrabinode	Presidency College
1919	Majumdar, Jatindrachandra	Ditto

SCHOLARS

1912	Bandyopadhyay, Tridibnath	Medical College, Calcutta
	Gangopadhyay, Harihar	Ditto
1913	Bhattacharyya, Sibapada	Ditto
1914	Basu, Indubhushan	Ditto
1915	Bhattacharyya, Kalidas	Ditto
1916	Ghosh, Phanindranath	Ditto
1917	Basu, Panchanan	Ditto
1918	Chattopadhyay Surendranath	Ditto
1919	Basu, Ramaranjan	Ditto

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PREONATH DUTT LEGACY

In August, 1904, the Solicitor to the Government of India forwarded a cheque on the Bank of Bengal for Rs 13017-10 1, being the one-fourth share of the residuary estate of the late Babu Preonath Dutt bequeathed by him to the University

The Senate at their meeting held on the 17th February, 1906, adopted the following scheme submitted by the Committee appointed by them at their meeting on 15th April, 1905 —

That there shall be two scholarships, one for a successful female candidate at the Intermediate Examination in Arts or Science and another at the Matriculation Examination, the amount being Rs 10 for the former and Rs 8 for the latter The Scholarship shall be tenable for two years on condition that the scholars prosecute a course of study for the next higher Examination

That the Scholarships shall be awarded to the best among the sucessful candidates who do not get a Government scholarship, who are natives of Bengal and whose circumstances are such as render help desirable The last fact shall be certified by two Members of the Senate

The Syndicate shal have power to alter the amounts of the scholarship according to the funds which are available

SCHOLARS

1909	Biswas, Harshabala	Bethune Collegiate School
,,	Sinha, Kamala	Ditto Student
1910	Ghosh, Mamie	Non-Collegiate Student
1911	Roy, Kshemada	Bethune Collegiate School
,,	Ghosh, Jyotirmayi	Model Girls' School, Katak
1912	Chatterjee, Kiranbala	Diocesan College
,,	Das, Charulata	Diocesan Collegiate School
	Mandi, Sarala M	U F C High School, Calcutta
1913	Ghosh, Jyotirmayi	Bethune Collegiate School
,,	De, Kshemankari	Ditto
1914	Banerjee Shephalika	Brahmo Girls' School
,,	Biswas, Nishamayi	Diocesan College
1915	Ghosh, Lina	Ditto
1916	Bose, Satyapriya	Bethune Collegiate School
,,	Ray, Suhasini	Vidyamayee Girls' High School,
1917	Datta, Renuka	Non-Collegiate Student	Mymensingh
,,	Das Santimayi	Chotanagpur Girls High School
1918	Banerjee, Sulatika	Bethune Collegiate School
1919	Das, Satadal	Ditto
	Das, Santimoyee	Bethune College

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RAI RADHIKAPRASANNA MUKHERJEE BAHADUR, C I E., GOLD MEDAL AND PRIZE

In September, 1904, the Honorary Secretary to the Rai Radhikaprasanna Mukherjee, Bahadur, C I E, Memorial Fund, offered to make over to the University 3½ per cent Government Promissory Notes of the nominal value of Rs 1,402 for the annual award of a gold medal and a prize from the interest thereof on the following conditions —

1 That the medal be called the "Rai Bahadur Radhikaprasanna Mukherjee C.I E, Gold Medal"

2 That the Medal be awarded annually to the candidate, from any school in the Presidency Division outside Calcutta, who passes the Matriculation Examination and gains the highest number of marks in English

3 That the value of the medal be Rs 40, and that it be awarded for the first time on the results of the examination in 1906

4 That a list of winners of the medal be published in the University Calendar for successive years in the usual way

5 That a prize in books, up to the value of Rs 9, be annually awarded to the student gaining the highest number of marks in Physiology at the Intermediate Examination in Arts or Science

The offer was thankfully accepted by the Syndicate

MEDALLISTS

1906	Senmunsi, Sureswar	Senhati H E School
	Basu, Satyendrakumar	Krishnagar Collegiate School
1907	Mukhopadhyay, Susilkumar	L M S Institution, Bhowanipur
1908	Hajari, Satischandra	Banwaribad H E School
1909	Mukhopadhyay, Jnanadacharan	Khaliskhali Magura S C Institution
1910	Ghosh, Sailendranath	Krishnagar Collegiate School
	Taraphdar, Sasibhushan	Nabadwip Hindu School
1911	Bandyopadhyay, Sukhendubikas	Beldanga H E School
1912	Sen Rakhalchandra	Bahirdia H E School
1913	Badyopadhyay, Janakinath	South Suburban School, Bhowanipur
1914	Dasgupta Bijaynarayan	Kalia Remodelled H E School
1915	Sen, Matindranath	Jessore Zila School
1916	Ghosh, Khagendranath	Narail Victoria Collegiate School
1917	,, Saratchandra	Bangaon H E. School
	Bhattacharyya, Biswnath	Harinavi A S School
1918	Ghosh, Purnachandra	Ariadaha, Kalachand H E. School
1919	Haldar, Sudhansukumar	Barrackpur Goverment School

PRIZE-WINNERS-

1917	Acharyya, Purnachandra	Presidency College
1918	Mitra Sukumar	Ditto
1919	Basak, Dulalchand	Ditto

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THAKURDAS BANERJEE SCHOLARSHIP, PRASANNAMAYI DEBI PRIZE AND KEDARNATH BANERJEE MEDAL

Babu Kshirodenath Banerjee, in deference to the wishes of his uncle, the late Babu Kedernath Banerjee Pleader and resident of Barasat, in the district of 24-Parganas, made over to the University 3½ per cent Government securities of the nominal value of Rs 8,000 for the purpose of creating an endowment for the award of a scholarship, a gold medal and a prize of books on the following conditions —

(*a*) That a scholarship of rupees eight a moth tenable for two years, be awarded every alternate* year to the best student who passes the Matriculation Examination in the first division from the Barasat Government School but does not obtain a Government or any other scholarship, if he pursues his studie for the next higher examination in an affiliated College

(*b*) That the Barasat Government School failing to pass in any year any student who might satisfy the said conditions, the portion of the interest available for scholarship will be added to the fund

(*c*) That the scholarship be called "Thakurdas Banerjee Scholarship" in memory of the donor's father

(*d*) That a prize in Sanskrit books of the value of Rs 25, to be called the "Prasannamayi Debi Prize," perpetuating the memory of the donor's mother, be presented at the annual Convocation to the female student who gains the highest number of marks in Sanskrit at the Bachelor of Arts Examination among successful students of her own sex, or in the absence of such student, the prize be similarly awarded to a male student, who gets the highest number of marks in Sanskrit at the same examination

*The donation having been supplemented by a further sum of Rs. 1000, the award of the scholarship of Rs 8 a month, tenable for two years, has been made '*annual*" instead of "*every alteranate year*"

(*e*) That a gold medal of the value of one hundred rupees be awarded every year publicly at the Convocation of the Senate for conferring Degrees to the only or the best D L of the year, if any or failing him to the student who stands first at the M L Examination, or failing him to the student who stands first at the final B L Examination.

(*f*) That the medal bears the words "Kedarnath Banerjee medal awarded to . . ' on one side and the University Arms on the other

(*g*) That the names of the winners of the scholarship, prize and the gold medal be published in the *Gazette*, as well as in the University Calendar

(*h*) That the doner be allowed to nominate Arindrajit Mukerjee who passed the Matriculation Examination in 1911 in the first division from the Barasat Government School and has been admitted into the Ripon College, as the first holder of the Thakurdas Banerjee Scholarship

(*i*) That in subsequent year the University award the said scholarship to any one in terms of the condition in paragraph (*a*)

(*j*) That the Scholarship, Prize and Medal be awarded with effect from the year 1911

The offer was thankfully accepted by the Syndicate

MEDALISTS

1912	Mitra, Dwarkanath, D L	
1913	Sengupta, Nareschandra, D L	
1915	Rajendraprasad, M L	
1916	Mukhopadhyay, Bijankumar, M L	
1917	Mitra, Rupendrakumar, M L	
1918	Chattopadhyay, Sailendranath, M L	
1919	,, Ashiranjan, M L	

SCHOLARS

1911	Mukerjee, Arindrajit		Barasat Government School
1912	Biswas, Subodchandra		Ditto
1913	Mukerjee, Atulchandra		Ditto
1914	Mandal Gopiballabh		Ditto
1915	Naskar, Amulyacharan		Ditto
1916	Ghosh, Syamadas	..	Ditto
1917	Ali, Didar		Ditto
1918	Daud Ali	...	Ditto
1919	Ganguly, Sudhirchandra	..	Ditto

PRIZE-WINNERS

1912	Ray, Nirmala		Bethune College
1913	Das, Amala		Ditto
1914	Chatterjee, Santa		Ditto
1915	Sinharay, Sushama		Non-Collegiate Student
1916	Gupta, Tatini		Ditto
1917	Dusgupta, Swarnaprabha		Bethune College
1918	Duara, Sudhalata	. .	Non-Collegiate Student
1919	Siddhanta, Chitralekha		Bethune College

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COBDEN MEDAL

In March, 1879, the Committee of the Cobden Club, London, offered an annual silver medal for proficiency in Political Economy

With the concurrence of the Committee, it was arranged that this medal should be awarded to the successful student who in the annual examination for M.A in Political Economy and Political Philosophy, should obtain the highest number of marks in Political Economy

MEDALLISTS

1879	Sukul, Kalisankar	Presidency College
1880	Ghosh, Manmathanath	Free Church Institution
1881	Arndt, George ...	Teacher
1882	Ghosh, Mahendrakumar	Dacca College
1884	Sinha, Prabhachandra .	Presidency College
1885	Chattopadhyay, Ambikacharan	General Assembly's Institution
1886	Sanyal, Girischandra	Metropolitan Institution
1887	Mukhopadhyay, Satyacharan	City College
1889	Sen, Binayendranath .	General Assembly's Institution
1891	Bandyopadhyay, Srischandra	Private Student
1892	Ray, Anukulchandra	Ditto
1895	Sen, Jasodananda	Ditto
1897	Ballabh, Kunjabihari	Ditto [Duff College
1898	Chattophadhyay Santosh	F C of Scotland's Institution and
1899	,, Pramathanath	Presidency College
1900	Sen, Nirmalchandra	Ditto
1901	Mukhopadhyay, Radhakumud	Private Student
1902	Basu, Jyotishchandra	Presidency College [Duff College
1903	,, Jatishchandra	F C of Scotland's Institution and
1904	Chattopadhyay, Jatindramohn	Ditto
1905	Chaudhuri Brajendranarayan	Presidency College
1906	Ghoshal, Upendranath	Ditto
1907	Sen, Binaykumar	Ditto
1908	Bandyopadhyay, Krishnadhan	Presidency College
1910	Dasgupta, Sachindrachandra	Ditto
1911	Mukhopadhyay, Bhujangabhusan	Ditto
1912	Jha, Radhakrishna	Ditto
1913	Niyogi Jitendraprasad	Ditto
1914	Das Gobindachandra	University Student
1915	Sinha Jogischandra	Presidency College
1916	Ray, Jaminiprasanna	Ditto
1917	Ramachandra Rau Basavarsu	University Student
1918	Datta, Birendrachandra	Ditto
1919	Bali, Amarnath ...	Ditto (Presidency College)

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GOLAKCHANDRA GHOSH MEDAL

On the 4th May, 1908, Babu Dwarkanath Ghosh made over to the University 3 per cent Government Promissory Notes of the nominal value of Rs. 2,500 for the purpose of creating an endowment to commemorate the memory of his father, late Babu Golakchandra Ghosh, on the following conditions –

1 That an annual gold medal be presented publicly every year to the successful candidate at the M A Examination in Sanskrit, who obtains the highest number of marks in the Vedanta Philosophy, provided he does not obtain any other medal In case the required candidate is not available, the medal is to be presented to a deserving candidate who shall have passed the M A Degree Examination in Sanskrit (Moral Philosophy), irrespective of caste, creed and sex.

2 That the medal is to bear the following inscription :—

"Dwarkanath Ghosh donor, in honour of his father, late Golokchandra Ghosh of No 52 2, Sankaritola Lane, Calcutta, awarded to . ... ; on one side and the University Arms on the other.

3 That the names of the medallists be printed in the Calendar and in the *Calcutta Gazette*

MEDALLISTS

1910	Bhattacharyya, Adityakumar	University Student
1912	Mukhopadhyay, Nalinimohan	Non-Collegiate Student
1913	Ray, Kshemadakinkar	University Student
1914	Chakrabarti, Bhabataran	Non Collegiate Student
1915	Chattopadhyay, Phanibhushan	University Student
1916	Thakur, Amareswar	Non-Collegiate Student
1917	Acharyya, Dhireschandra	Ditto
1918	G Somanna	Ditto
1919	Bhattacharyya, Harimohan ...	Ditto

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HEMCHANDRA GOSSAIN PRIZE AND MEDAL

The terms of the bequest are given in the following extract from the Will —

"Real encouragement not being afforded to Sanskrit language in this country is being noticed day by day Therefore, I provide that whoever will come of best of all in Sanskrit Literature in the M A Degree Examination at the Calcutta University in any year shall get a reward of 500 (five hundred) rupees in a lump sum and the present of a gold medal of the value of one hundred and fifty rupees On one side of that gold medal shall be engraved in the Bengali language my name and Serampur as my residence and on the other side the name of the recipient scholar and the Bengali year

It is my belief that the learning of Science is absolutely necessary in this country Therefore, in order to give an impetus to the encouragement of the learning 'Science' I provide that whoever will stand first of all in the M Sc examination for Science at the University of Calcutta in any year shall get a reward of 500 (five hundred) rupees in a lump sum and the present of a gold medal of the value at 150 one hundred and fifty) rupees in that year On one side of the gold medal shall be engraved in the English language my name and Serampur as my residence and on the other side the name of the recipient scholar and the English Christian year

For the performance of the acts mentioned in this clause and in the clause preceding it, my executors shall make over Company's Papers, that is, Government Promissory Notes for 37,500 (Thirty Seven Thousand Five Hundred) Rupees bearing interest at three and half per cent out of my estate to the Calcutta University They shall perform the acts stated in the said clauses out of the interest on the said Papers

The following scheme for giving effect to the wishes of the testator has been adopted by the Syndicate —

1 That a prize of Rs 500 in money and a gold medal of the value of Rs 150 to be called the "Hemchandra Gossain Prize and Medal in Sanskrit" respectively, be awarded annually to the most successful student in Sanskrit at the M A Examination of the year

2 That the medal bear on one side the University Arms and on other the following words in Bengali—"Hemchandra Gossain, Serampur, awarded to ..... "

3 That a prize of Rs 500 in money and a gold medal of the value of Rs 150 be annually awarded to the student who stands first in order of merit among the successful candidates at the M Sc Examination

4 That the medal bear on one side the University Arms and on the other the following words in English—" Hemchandra Gossain, Serampur, awarded to ..... "

5 That the above prizes and medals be publicly awarded at the annual Convocation of the Senate for conferring degrees and that the names of the recipients be published in the University Calendar

MEDALLISTS AND PRIZE-WINNERS

1910	Majumdar, Surendranath, M A	University Student
	Sen, Bhupatimohan, M Sc	Presidency College
1911	Bhattacharyya, Pasupatinath, M A	University Student
	Jana, Saratchandra, M.Sc	Ditto
1912	Mukhopadhyay, Nalinimohan, M A	Non-Collegiate Student
	Datta, Rasiklal M Sc	Presidency College
1913	Bandyopadhyay Sibadas, M A	University Student
	Dhar, Nilratan, M Sc	Presidency College
1914	Bhattacharyya, Dineschandra M A	Non-Collegiate Student
	Dasgupta, Pramathanath, M Sc	University Student
1915	Bhattacharyya, Bishnupada M.A	Ditto
	Basu, Satyendranath, M Sc	Presidency College
1916	Chakrabarti, Niranjanprasad, M A	University Student
	Dhar, Sasindrachandra M Sc	Ditto
1917	Acharyya, Dineschandra, M A	Non-Collegiate Student
	Basu, Girindrasekhar, M Sc	Ditto
1918	Mukhopadhyay, Satkari M A	University Student
	Sen, Dhirendranath, M Sc	Ditto
1919	Bhattacharyya Rasamay, M A	Ditto
	Sinha, Harischandra, M Sc	Ditto
	Sengupta, Birendranath M Sc	Non-Collegiate Student

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KESABLAL MALLIK MEDAL

The late Babu Matilal Mallik in his last Will and Testament bequeathed to the University G P Notes of the value of Rs 1,500 for creating an endowment in memory of his brother, Kesablal Mallik, for the annual award of a gold medal to the student who obtains the highest number of marks in Pure Mathematics at the M A Examination Rai Brahmamohan Mallik, Bahadur, has made over to the University the Government Securities which are thankfully accepted by the Syndicate

MEDALLISTS

1917	Goswami, Sirischandra	.. University Student
1918	Basu, Khageschandra	.. Ditto
	Chakrabarti Jaminimohan	... Ditto
1919	Das, Bankimchandra	Ditto (S C College)

70

MATILAL MALLIK GOLD MEDAL

On the 10th July, 1899, Rai Brahmamohan Mallik, Bahadur, made over to the University 3½ per cent Government Promissory Notes for Rs 1,500 for the purpose of creating an endowment for the annual award of a gold medal to be called the "Matilal Mallik Medal," to the student, who secures the highest number of marks in the practical portion of any of the Scientific subjects of the M A or M Sc Examination

The Syndicate at their meeting held on the 12th August, 1899 thankfully accepted the donation

MEDALLISTS

1901	Maitra, Surendranath	Presidency College
1902	Basu, Anukulchandra	Ditto
1903	Das, Bipinbihari	Private Student
1904	Day, D L	Ditto
1905	Shankar Laxman Gokhale	Ditto
	Chakrabarti, Kamadacharan	Ditto
1906	Mukhopadhyay, Dwijendranath	Presidency College
1907	,, Dhirendranath	Ditto
1908	Chakrabarti, Haripada	Ditto
1909	Sen, Suryyanarayan	Non-Collegiate Student
1910	Chattopadhyay, Phanibhushan	University Student
	,, Jatindranath	Ditto
1911	Ray, Priyadaranjan	Non-Collegiate Student
1912	Mitra, Sriskumar	Presidency College
1913	Dhar, Nilratan	Ditto
1914	Saha, Abinaschandra	Ditto
1915	Ghosh, Jnanendrachandra	Ditto
1916	Sen, Pramodcharan	Ditto
1917	Guha, Bhabanicharan	University Student
1918	Chattopadhyay, Jogeswar	Ditto
1919	,, Gouripati	Ditto (Presidency College)

71

SONAMANI PRIZE

On the 3rd December, 1889, the late Sir Gooroo Dass Banerjee made over to the University a Government Promissory Note of the 4 (reduced to 3½) per cent loan of 1865 of the value of Rs 1,000 for the purpose of founding a prize in memory of his mother, Srimati Sonamani Debi, on the following conditions —

1 That the Prize be called the "Sonamani Prize"

2 That it be awarded publicly at the annual Convocation for conferring degrees, to the candidate who stands first in the list of successful candidates for the M A Examination in Sanskrit

3. That the Prize consists of books relating to the Sanskrit language or literature to be selected by the candidate entitled to the same

4. That the names of the Prize-winners be published in the University Calendar.

PRIZE-WINNERS

1889	Ray, Satischandra	Sanskrit College
1890	Bandyopadhyay, Muralidhar	Ditto
1891	Bhattacharyya, Asutosh	Ditto
1892	Narayan Dajiba Wadegaonkar	Hislop College
1893	Bandyopadhyay, Haripada	Sanskrit College
1894	Bhattacharyya Kokileswar	Ditto
1895	Chakrabarti, Brajalal	Ditto
1896	Guha, Abinaschandra	Ditto
1897	Gangopadhyay, Haricharan	Ditto
1898	Chakrabarti, Haridas	Ditto
1899	Goswami, Bhagabatkumar	Ditto
1900	Laskar, Gangamohan	Ditto
1901	Pande Ramavatara Sarma	Teacher
1902	Goswami, Kalikrishna	Private Student
1903	Chakrabarti, Nilmani	Sanskrit College
1904	Debray, Sukeschandra	Private Student
1905	Ray, Bipinchandra	Presidency College
1906	Das, Kasinath	Sanskrit College
1907	Basak, Radhagobinda ..	Dacca College
1908	De, Harinath	Non-Collegiate Student
1910	Majumdar, Surendranath	University Student
1911	Bhattacharyya, Pasupati	Ditto
1912	Mukhopadhyay, Nalinimohan	Non-Collegiate Student
1913	Bandyopadhyay, Sibdas	University Student
1914	Bhattacharyya, Dineschandra .	Non-Collegiate Student
1915	,, Bishnupada	University Student
1916	Chakrabarti Niranjanprasad	Ditto
1917	Acharyya, Dhireschandra	Non-Collegiate Student
1918	Mukhopadhyay, Satkari	University Student
1919	Bhattacharyya, Rasamay	Ditto

72

MAHARAJA SIR MANINDRACHANDRA NANDI SCHOLARSHIPS

Maharaja Sir Manindrachandra Nandi of Cassimbazar generously placed at the disposal of the University a sum of Rs 50,000 for the promotion of Legal education by the award of Scholarships to deserving students who will receive their instruction at the University Law College, preference being given, whenever practicable, to students who have graduated in Arts or Science from the Krishnath College Berhampur The offer was thankfully accepted by the Senate at their meeting held on the 4th December, 1909.

73

PARBATICHARAN RAY MEDAL

In February, 1913, Mr S P Ray offered to the University 3½ per cent. G P. Notes of the nominal value of Rs 2,000 for creating an endowment for the annual award of a gold medal to the successful student who stands first at the Intermediate Examination in Law, on condition that the medal will bear the following inscription " Parbaticharan Ray Medal awarded to by Rai Kaliprasanna Ray, Bahadur, in memory of his father " on one side, and the University Arms on the other

MEDALLISTS

1914	Chattopadhyay, Kalidhan	University Law College
	Khaitan, Durgaprasad	Ditto
1915	Mukhopadhyay, Susilkumar	Ditto
	Ray, Pratulchandra	Ditto
1916	Mukhopadhyay, Bhujangabhushan	Ditto
	Sen, Susilchandra	Ditto
1917	Bandyopadhyay, Pramathanath	Ditto
	Ghosh, Debaprasad	Ripon Law College
1918	Niyogi, Kedarnath	University Law College
	Ghosh Satyendrakisore	Ditto
1919	Chakrabarti Sureschandra	Ditto
	Ghosh, Surendrakumar	Ditto

74

RITCHIE PRIZE

On the 4th December, 1867, the Honorary Secretary to the Committee appointed for the purpose of commemorating the services of the late Hon'ble, William Ritchie, Vice-Chancellor of the University, Advocate-General of Bengal, and Member of the Supreme Council made over to the University Rs 672, for establishing an annual prize of books The amount was invested in Government Securities and the annual proceeds allowed to accumulate till the fund ammounted to more than Rs 1,500 On the 11th May, 1889, the Syndicate decided that an annual prize of books to the value of Rs 50 be awarded to the candidate who obtains the highest number of marks in the examination for the degree of Bachelor in Law

PRIZE-WINNERS

1890	Majumdar, Syamaprasanna	Ripon College
1891	Syed Ali Bilgrami	Patna College
	Wasudeo Ramchandra Dhobley	Morris College, Nagpur
1892	Biswas, Gopalchandra	Ripon College
1893	Datta Hirendranath	Metropolitan Institution
1894	Acharyya, Jyotischandra	Ripon College
1895	Bandyopadhyay, Dhanapati	Ditto
1896	Ray, Mahimchandra	Ditto
1897	Basu, Prabodhchandra	Ditto
1898	Linga, Rajeswar	Morris College, Nagpur
1899	Majumdar, Panchanan	T N Jubilee College
1900	Ghosh, Kunjabihari	Metropolitan Institution
1901	Ballabh, Kunjabihari	Ripon College
1902	Bhar, Prandhan	Ditto
1903	Lobo, P	Morris College, Nagpur
1904	Jaju Srikrishna Mulchand	Ditto
1905	Gopal Sridhar Lulay	Ditto
1906	De, Rajanikanta	Ripon College
1907	Ghosh, Batukrishna	Metropolitan Institution
1908	De, Birendrakumar	City College
	Sinha, Gurudas	Ripon College
1909	Mukhopadhyay, Sibakinkar	Ditto
1910	Biswas, Charuchandra	Ditto
	Chattopadhyay, Sriranjan	University Law College

1911	Bhaduri, Bankubihari	University Law College
	Chattopadhyay, Sailendranath	Ditto
	Mukhopadhyay, Bijankumar	Ditto
1912	Das, Subodhkumar	Ditto
	Khaitan Kaliprasad	Ditto
1913	Mitra, Rupendrakumar	Ditto
	Basu, Pramodnath	Ditto
1914	Chattopadhyay, Kisorilal	Ditto
	Sen, Binodchandra	Ditto
	Chattopadhyay, Chandicharan	Ditto
	Das, Gopendranath	Ditto
1915	Karkun, Annadacharan	Ditto
	Khaitan, Durgaprasad	Ditto
1916	Chattopadhyay, Rupamay	Ditto
	Bhattacharyya, Amulyakumar	Ditto
	Ray, Pratulchandra	Ditto
1917	Bandyopadhyay, Harendranath	Ditto
	,, Pramathanath	Ditto
1918	Sengupta, Nalinikanta	Ditto
	Ghosh, Devaprasad	Ripon Law College
1919	Pal, Nirmalchandra	Dacca Law College
	Ghosh, Satyendranath	University Law College

75

MAHARAJA SIR J M TAGORE MEDALS

The late Maharaja Sir Jatindramohan Tagore, K C S I, on the 13th February 1883 made over to the University of Calcutta a sum of Rs 3,500 in 4 (reduced to 3½) per cent Government Promissory Notes in order to found two medals, a gold and a silver, one to be open to competition amongst all members of the University studying Law in any affiliated College who shall have attended 75 per cent of the lectures of the Tagore Law Professor for the year in which the examination shall be held

The names of two students are published in the *Gazette*, and the medals are presented at the annual Convocation

MEDALLISTS

1883	1	Bandyopadhyay, Pareschandra
	2	Battacharyya, Manmathanath
1884	1	Mukhopadhyay, Asutosh
	2	Syed Shamsull Huda
1885	1	Mukhopadhyay, Asutosh
	2	Sen, Narayanchandra
1886	1	Mukhopadhyay, Asutosh
	2	Basu, Jnanendranath
1887	1	Camell, Owen
	2	Chattopadhyay, Ramapati
1888	1	Bandyopadhyay, Haranchandra
	2	Ghosh, Jnanendramohan
1889	1	Bandyopadhyay, Saratchandra
	2	Muhammad Mustafa Khan
1890	1	Bandyopadhyay, Haranchandra
	2	Muhammad Mustafa Khan
1891	1	Das, Satyendranath
	2	Bandyopadhyay, Haripada

1892 { 1 Shahabuddin Khan
2 Bandyopadhyay, Haripada

1893 { 1 Thakur, Akshaykumar
2 Ta, Jadunath

1894 { 1 { Bandyopadhyay, Satischandra—*Extra Gold Medallist*
Mukhopadhyay, Manmathanath
2 Ray, Lalitmohan

1895 { 1 Chakrabarti, Jnansaran
2 { Mitra Dwarkanath
,, Prabhaschandra

1896 { 1 Maitra, Jogendranath
2 Mitra, Dwarkanath

1897 { 1 Sanyal, Baradakarta
2 Sandell, S

1898 { 1 Sil, Sibcharan
2 Chattopadhyay, Pramathanath

1899 { 1 Mitra Birendranath
2 Pandyopadhyay, Kalipada

1900 { 1 Mallik, Bipinchandra
2 Bandyopadhyay, Jnanendranath

1901 { 1 Ray, Brajanath
2 Baral, Ratanchand

1902 { 1 De, Krishnaprasad
2 Das Hariprasanna

1903 { 1 Sircar, G
2 Ray, Bishnupada

1904 { 1 Sircar, G
2 Raychaudhuri, Anilendranath

1905 { 1 Mukhopadhyay, Lalitmohan
2 Ghosh, Ajit

1906 { 1 Mukhopadhyay, Lalitmohan
2 Ray, Manmathanath

1907 1 Ray, Manmathanath—*Silver Medallist*

1908 { 1 Bandyopadhyay, Anupamchandra
2 Chakrabarti, Kalikinkar

1909 { 1 Chattopadhyay, Asiranjan
2 Khaitan, Kaliprasad

1910 { 1 Chattopadhyay, Asiranjan
2 Goswami, Debendranath

1911 { 1 Sarkar, Ambujaksha
2 Bindhyabasini Prasad

1912 { 1 Ray, Pratulchandra
2 Das, Gopendranath

1913 { 1 Khaitan, Durgaprasad
2 Leharry, Neates C

1914 { 1 Baksi, Rajendrabhushan
2 Majumdar, Dhirendrakumar

1916 { 1 Baksi, Rajendrabhushan
2 Majumdar, Dhirendrakumar

1917 { 1 Mukhopadhyay, Ramaprasad
2 Khaitan, Chandiprasad

1918 { 1 Mukhopadhyay, Ramaprasad
2 Chandra Bhan.

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DR. RAI DEBENDRANATH RAY BAHADUR GOLD MEDAL

Dewan Bahadur Dr Hiralal Basu, Honorary Secretary to Dr Rai Debendranath Ray Bahadur Memorial Fund placed at the disposal of the University 3½ per cent G P Notes of the nominal value of Rs 1500 for the purpose of creating an endowment for the annual award of a Gold Medal of the value of Rs 52-8-0 in memory of the deceased on the following conditions —

(1) That an annual Gold Medal be instituted, bearing the words "Rai Debendranath Ray, Bahadur, Medal awarded to year" on one side and the University Arms on the other

(2) That the Medal be presented publicly every year at the annual Convocation for conferring degrees to the graduate in Medicine who obtains the highest number of marks in Medical Jurisprudence at the Final M B Examination of the year

(3) That the names of the Medallists be published in the Calender and in the *Calcutta Gazette*

The donation was thankfully accepted by the Syndicate

MEDALLISTS

1910	De, Jyotishchandra	Medical College
1911	Das, Manindranath	Ditto
1912	Mallik, Bidhubhushan	Ditto
1913	Mukhopadhyay, Sarojnath	Ditto
1914	Bandyopadhyay, Kalipada	Ditto
1915	Bandyopadhyay Amlanganath	Ditto
1916	Bhattacharyya, Sibapada	Ditto
1917	Mukhopadhyay, Phanibhushan	Ditto
1918	Ghosh, Jatindranath	Ditto
1919	Saha, Rebatimohan	Ditto

77

DR RAKHALDAS GHOSH'S PRIZE

Dr Rakhaldas Ghosh made over to the University a 4 per cent Port Trust Debenture of the value of Rs 500 for the purpose of creating an endowment from the interest thereof for the annual award of a Prize of Medical books, on the following conditions —

1 That an annual prize of Medical books be awarded publicly to the successful student, who secures the highest number of marks in Materia Medica in the First M B. Examination

2 That the Prize be called "Dr Rakhaldas Ghosh's Prize"

3 That the names of the Prize-winners be published in the University Calendar

The offer was thankfully accepted by the Syndicate at their meeting held on the 12th July, 1902

PRIZE-WINNERS

1904	Ray, Binodbihari	Medical College
1905	Chaudhuri, Bankabihari	Ditto
1906	Gangopadhyay, Pratulpati	Ditto
1907	Bandyopadhyay, Hiranyakumar	Ditto

1908	Maitra, Jatindranath	Medical College
1909	Mukhopadhyay, Harimohan	Ditto
1910	Pal, Nilmani	Ditto
1911	Saha, Brajaballabh	Ditto
1912	Ghosh, Nisanath	Ditto
1913	Bhattacharyya, Sibapada	Ditto
1914	Basu Sunilchandra	Ditto
1915	De, Manindranath	Ditto
1916	Basumallik, Kanailal	Ditto
1917	Basu, Panchanan	Ditto
1918	Mandal Upendranath	Non-Collegiate Student
1919	Majumdar, Anilchandra	Medical College.

78

EMPEROR EDWARD VII CORONATION MEDAL

Babu Jagatchandra Dasgupta, L M S, Assistant Surgeon, Beer Hospital Nepal, made over to the University a sum of Rs 425 on the following conditions —

1 That the annual Silver Medal be instituted bearing the words "Emperor Edward VII Coronation Medal in Midwifery awarded by Jagatchandra Dasgupta L M S," on one side, and the "University of Calcutta" on the other

2 That the Medal be presented at the University Convocation for conferring degrees to that student who stands highest in Midwifery in the M.B Examination, and in case there be no successful student at the M B Examination the medal be awarded to that successful L M S candidate who stands first in Midwifery

3 That the names of the Medallists be printed in the University Calendar

The offer was thankfully accepted by the Syndicate at their meeting held on the 30th August, 1902

MEDALLISTS

1904	Maitra, Jatindranath	Medical College
1905	John, D	Ditto
1906	L T Ah Pon	Ditto
1907	Sanyal, Charuchandra	Ditto
1908	Ray Satyendranath	Ditto
1909	,, Probodhchandra	Ditto
1910	Lahiri, Subodhkumar	Ditto
1911	Sinha, Atulkrishna	Ditto
1912	Sarkar, Akhilnath	Ditto
1913	Bandyopadhyay, Krishnadhan	Ditto
1914	Barma, Nauratanlal	Ditto
1915	Bagchi, Satinath	Ditto
1916	D Richard Lewis	Ditto
1917	Basu, Indubhushan	Ditto
1918	Ray, Birendranath	Ditto
1919	Ghosh, Phanindranath	Ditto

79

GOODEVE MEDAL

The joint Secretaries to the Goodeve Memorial Commitee on the 6th May, 1891, made over to the University a Government Promissory Note for Rs. 500 on the following conditions.—

1 That an annual Silver Medal be instituted, bearing the words "Goodeve Medal" on one side and the University Arms on the other

2 That the Medal be presented publicly every year at the annual convocation for conferring degrees to that student who obtains the highest number of marks in Medicine at the Second M B Examination of the year

3. That the names of the Medallists be printed in the University Calendar

MEDALLISTS

1891	Datta, Surendranath	Medical College
1892	Majumdar, Nagendranath	Ditto
1893	Bhattacharyya, Sureschandra	Ditto
1894	De, Satischandra	Ditto
1895	Pal, Ratanchandra	Ditto
1896	Barat, Syamlal	Ditto
1897	Bhattacharyya, Surendranath	Ditto
1898	Datta, Ambikacharan	Ditto
1899	Brahmachari, Upendranath	Ditto
1900	Raychaudhuri, Ajitnath	Ditto
1901	Mitra, Guruprasad	Ditto
1902	,, Ganendranath	Ditto
1903	C. V Krishna Swamy Aiyer	Ditto
1904	Pan, Nanilal ..	Ditto
1905	John, D	Ditto
1906	Gangopadhyay, Lalbihari	Ditto
1907	Sanyal, Charuchandra	Ditto
1908	Ray, Satyendranath	Ditto
1909	,, Prabodchandra	Ditto
1910	De, Jotishchandra	Ditto
1911	Sinha, Atulkrishna ...	Ditto
1912	Sengupta, Bijayananda	Ditto
1913	Adhya, Jugalkisor	Ditto
1914	Raychaudhuri, Amalkumar	Ditto
1915	Gangopadhyay Haribar	Ditto
1916	Gladys Helen Marchant .	Ditto
1917	Basu, Indubhushan	Ditto
1918	De, Manindranath	Ditto
1919	Beryl Wiseham ..	Ditto

80

McLEOD MEDAL

On the 12th August, 1892, the Principal of the Medical College, Calcutta, made over to the University a sum of Rs 1,250 handed over to him by Sir Kailaschandra Bose, a Follow of the University on behalf of a young Marwari gentleman, for the purpose of instituting a Gold Medal to perpetuate the name of Dr K McLeod in connection with the University on the following conditions —

1 That the Medal should bear the words "McLeod Medal awarded to.. . ," on one side and the University Arms on the other

2 That the Medal be presented publicly every year at the annual Convocation for conferring degrees to the successful student who obtains the highest number of marks in Surgery at the Second M B Examination

3 That the names of the Medallists be published in the University Calendar

MEDALLISTS

892	Das, Kedarnath	Medical College
893	Bhattacharyya, Sureshchandra	Ditto
894	De, Satischandra	Ditto
895	Sen, Satyendranath	Ditto
896	Barat, Syamlal	Ditto
897	Basu, Kartikchandra	Ditto
898	Datta, Ambikacharan	Ditto
1899	Brahmachari, Upendranath	Ditto
1900	Mukhopadhyay, Girindranath	Ditto
1901	Maitra, Dwijendranath	Ditto
1902	Mitra, Ganendranath	Ditto
1903	,, Pasupati	Ditto
1904	Pan, Nanilal	Ditto
1905	John, D	Ditto
1906	Lahiri, Manmathnath	Ditto
1907	Sanyal, Charuchandra	Ditto
1908	Ray, Satyendranath	Ditto
1909	Kundu, Manilal	Ditto
1910	De, Jotishchandra	Ditto
1911	De, Jogeschandra	Ditto
1912	Sarkar, Akhilnath	Ditto
1913	Adhya, Jugalkisor	Ditto
1914	Barma, Nauratanlal	Ditto
1915	Nag Sukumar	Ditto
1916	Bhattacharyya Sibapada	Ditto
1917	Chattopadhyay, Panchanan	Ditto
1918	Mukhopadhyay, Nripendranath	Ditto
1919	Majumdar, Saurendramohan ...	Ditto

81

AMBIKACHARAN CHAUDHURI MEDAL

In 1879 Government accepted the offer of Babu Ambikacharan Chaudhuri B C.E , Assistant Engineer, Nagode, to invest Rs 1 200 in 4 (reduced to 3½) per cent Government Promissory Notes on condition that out of the interest of the above investment a medal is awarded annually to that student of the Seebpur Civil Engineering College who stands first in Mathematics at the B E Examination The administration of the Fund was entrusted to the Principal, Civil Engineering College, Seebpur The Director of Public Instruction, Bengal having proposed that the medal should in future, be publicly presented at the Convocation of the Calcutta University, the Government of Bengal, in its letter No 409 dated the 19th July 1890, appointed the Registrar of the Calcutta University as administrator of the Fund in place of the Principal, Civil Engineering College, Seebpur On 14th October, 1890, the latter officer made over to the University the sum of Rs 132-11-1, being the amount of balance at credit of the above fund and forwarded a copy of the Report on the audit of the account of the fund countersigned by the Accountant-General, Bengal The investments at present, amount to Rs 1 400 yielding an annual income of Rs 49

MEDALLISTS

1890	Mukhopadhyay, Kshirodchandra ..	Civil Engineering College
1891	Das, Girischandra .	Ditto
1892	Sengupta, Madhusudan .	Ditto
1893	De, Syamacharan ..	Ditto

1894	De, Nilmani	Civil Engineering College
1895	Das, Amarnath	Ditto
1896	Bandyopadhyay, Bholanath	Ditto
1897	Ghosh, Kisorimohan	Ditto
1898	Sarkar, Surendranath	Ditto
1899	Biswas, Surendranath	Ditto
1900	Modak, Binaykrisna	Ditto
1901	Bhattacharyya, Jnaneschandra	Ditto
1902	Kar, Upendranath	Ditto
1903	Sen, Jatindranath	Ditto
1904	Bandyopadhyay, Surendranath	Ditto
1905	Sarkar, Radhaballabh	Ditto
1906	Datta, Bhupendranath	Ditto
1907	Sen, Jagadischandra	Ditto
1908	Bandyopadhyay, Harendrakrishna	Ditto
1909	Bhattacharyya, Sricharan	Ditto
1910	Guin, Kalicharan	Ditto
1911	Chaudhuri, Surendramohan	Ditto
1912	Biswas Prasannakumar	Ditto
1913	Guhathakurta, Jogeschandra	Ditto
1914	Bandyopadhyay, Amulyaratan	Ditto
1915	Das, Pulinbihari	Ditto
1916	Bhattachayya, Mahendrakumar	Ditto
1917	" Suryyakanta	Ditto
1918	Dasgupta, Jitendranath	Ditto
1919	De, Jibankrishna ...	Ditto

82.

SIBLEY SCHOLARSHIP

The late Mr. George Sibley, formerly a Fellow of the University bequeathed all his shares in the Ghoosery Cotten Mills Company Limited to the Senate of the University "upon trust to found Scholarships of the value of Rs 50 per mensem for graduates of the University in Civil Engineering, with power to divert from time to time any portion of the income not exceeding an equal moiety in any other way, which may in the opinion of the Senate be better calculated to further the study of Engineering Science among the natives of India" At the time of his death Mr Sibley owned 225 shares in the above-named Company, their nominal value being Rs 200 each. Of these, 25 shares had to be sold to meet the claim of the Indian Revenue authorities in England demanding a legacy duty of 10 per cent of the value of the shares and of the amount of any dividends received or accrued since the testator's death, and to pay the Attorney's bill of costs The remaining 200 shares, together with dividend warrants for Rs 800, were made over to the Secretary and Treasurer, Bank of Bengal, with instructions to sell the shares at their market value, and to invest the sale proceeds and the amount of dividends in the 4 (reduced to 3½) per cent loan of 1865 The Faculty of Engineering at their meeting held on the 22nd March, 1893, recommended to the Syndicate that out of the interest of the above endowment one Scholarship, to be called the Sibley Scholarship, of Rs 30 a month tenable for two years, be awarded annually (1) to any B.E at the end of his practical course who attends and works regularly in an electrical laboratory or in an electrical workshop, or (2) to any B E who is *bona fide* working in a mine The selection of the scholar to be according to their standing in the B E Examination, and each scholar to be required to submit to the Registrar a certificate of good conduct at the end of each month The Scholarship to be forfeited if the conditions on which it is granted cease to be observed

The recommendation of the Faculty of Engineering was adopted by the Syndicate at their meeting held on the 8th April, 1893

SCHOLARS

1895	Das, Rameschandra ..	Civil Engineering College
1896	Lahiri, Sarbaranjan	Ditto
1899	Mukhopadhyay, Haranchandra	Ditto
1900	Pal, Basantakumar	Ditto
1902	Stone, T A F	Ditto

83

TREVOR MEDAL AND PRIZE

The Trevor Testimonial Committee, on the 13th November, 1890, made over to the University the sum of Rs 1,500 on the following conditions —

1 That an annual silver medal be instituted bearing the words "Trevor Testimonial Medal" on one side and the University Arms on the other.

2 That the Medal be presented publicly to that Bengali student who obtains the highest number of marks amongst those successful candidates at the I E and B E Examinations who do not obtain the University gold medal

3 That a prize of Engineering books or instruments to the value of not less than Rs 35 be also awarded to the medallist

4 That the names of the medallists be printed in the University Calendar

MEDALLISTS AND PRIZE-WINNERS

1891	Lahiri, Mohinimohan	Civil Engineering College
1892	Mukhopadhyay Ahindrachandra	Ditto
1893	Pal, Saradasundar	Ditto
1894	Chakrabarti, Srischandra	Ditto
1895	Das, Amarnath	Ditto
1896	Datta Upendranath	Ditto
1897	Saha, Jnananjan	Ditto
1898	Das, Haridas	Ditto
1899	Ray, Chandrasekhar	Ditto
1900	Tafazal Ahmad	Ditto
1901	Sen, Jogeschandra	Ditto
1902	Deb Munindranath	Ditto
1903	Bandyopadhyay, Sailendranath	Ditto
1904	Sen, Bholanath	Ditto
1905	„ Kshirodchandra	Ditto
1906	Dattagupta Jogeschandra	Ditto
1907	Gangopadhyay, Bipinbihari .	Ditto
1908	Mukhopadhyay, Ansujit	Ditto
1909	Basu, Adyanath ...	Ditto
1910	Chakrabarti, Sasikanta	Ex-student, Civil Engineering College
1911	Chaudhuri, Surendramohan	Civil Engineering College
1912	Sengupta, Prasaddas	Ditto
1913	Sen, Amalchandra	Ditto
1914	Joardar, Harendranath	Ditto
1915	Das, Pulinbihari	Ditto
1916	Bhattacharyya, Mahendrakumar	Ditto
1917	Ghosh, Bhushanchandra	Ditto
1918	Sinharay, Binaykumar ...	Ditto
1919	De, Jibankrishna ...	Ditto

84

NARASINHA DATTA SCHOLARSHIP

In September, 1915, Babu Lalmohan Mukerjee, B L , placed at the disposal of the University of Calcutta 4 per cent Port Trust Debentures of the nominal value of Rs 2,500 for the purpose of founding from the interest thereof a scholarship in momory of late Rai Narasinha Datta, Bahadur, on the following conditions —

(1) That a scholarship to be called the "Narasinha Datta Scholarship" of Rs 8 per month tenable for one year be awarded to such successful candidate at the Matriculation Examination for the year, who being a student of any of the H E Schools in the Howrah District, obtains the highest number of marks among his fellow students, but does not obtain a Government or any other scholarship

(2) That the said scholarship be continued to the same student for a further period of one year, provided that he produces a report of satisfactory progress and good conduct from the Principal of the Institution In this latter case, no new award shall be made for the year, and the next award shall be made after the expiry of that year

(3) That if more than one boy obtain equal marks at the Matriculation Examination in the Howrah District, the poorest among the competitors, as recommended by the Divisional Inspector of Schools, shall get the scholarship

(4) That the scholarship shall be tenable in any College affiliated to the University of Calcutta in which the student desires to prosecute his studies

(5) That the remaining Rs 4 or any balance left out of the total amount of the annual interest be made over to the authorities of the "Students Fund" in connection with the Calcutta University Institute to be spent by them in furtherence of the objects of the said Fund

(6) That the names of the scholars be published in the University Calendar

SCHOLARS

1917	Bhattacharyya, Niradbaran	Andul H C E School
1918	" Niradbaran	St Paul's C M College
1919	De, Dhiredranath	Baluti H E School

85

RAI DR SOORJEECOOMAR SARBADHIKARI, BAHADUR GOLD AND SILVER MEDALS

The Joint Secretaries of the Soorjeecoomar Sarbadhikari Momorial Fund have placed at the disposal of the University 3½ per cent. G P Notes to the value of Rs 3 600 for creating an endowment for the annual award of a gold medal to the value of Rs 100 and a silver medal to the value of Rs 25 in memory of the late Rai Dr Soorjeecoomar Sarbadhikari Bahadur, on condition that (1) the Gold Medal be awarded to the student who stands first in order of merit in the Final M B, Examination held in May or thereabout and (2) the Silver Medal to the student who stands first in order of merit in the First M B Examination held in May or thereabout.

The offer was thankfully accepted by the Syndicate.

86

GUNENDRANATH GOLD MEDAL

Rai Hemchandra Sarkar, Bahadur, placed at the disposal of the University 3½ per cent G P Notes of the nominal value of Rs 2,000 for the purpose of creating an endowment for the annual award of a gold medal, in memory of his son Gunendranath Sarkar, to the successful candidate at the I. A Examination from the Ripon College Calcutta, who obtains the highest number of marks in English and History taken together

The offer was thankfully accepted by the Syndicate.

1917	Mukhopadhyay, Jayantikumar	Ripon College
1918	Chakrabarti, Nareschandra	Ditto
1919	Goswami, Rabindramohan	Ditto

87

QUINLAN MEDAL.

Babu Bijaybihari Mukerjee, Secretary, Quinlan Memorial Fund, placed at the disposal of the University 3½ per cent Government Promissory Notes of the nominal value of Rs 500 for the purpose of creating an endowment for the annual award of a medal (1) to the student who gets his B A degree with First Class Honours in Political Economy and gets no other medal in the subject, (2) should there be two such students securing the same number of marks, the one with higher marks in the paper on Indian Economics (Paper III) will get it, (3) should there be no such student with First Class Honours in any year it may be given to such other student who passes with Honours in Political Economy as the Syndicate may recommend

The offer was thankfully accepted by the Syndicate

1917	Dasgupta, Bhanubhushan	Scottish Churches College
1918	Dam, Matilal	Dacca College
1919	Ghatak, Labanyamohan	Presidency College

88

NARAYANCHANDRA SEN GOLD MEDAL

Babu Jugal Kisor Datta placed at the disposal of the University Government Promissory Notes to the value of Rs 1,000 for the purpose of creating an endowment, in memory of Babu Narayanchandra Sen, deceased, for the annual award of a gold medal to the successful candidate who obtains the highest number of marks in Mathematics at the Matriculation Examination from the Schools in the district of Howrah

The offer was thankfully accepted by the Syndicate

1917	Datta, Pareschandra	Howrah Zila School
1918	De, Asutosh	Ditto
1919	Mukhopadhyay, Narayanchandra	Bally Rivers Thompson School

89

MOHINIMOHAN RAY MEDAL

The Hon'ble Sir Asutosh Mookerjee, Kt, C S I, offered to place at the disposal of the University, on behalf of the Mohinimohan Ray Memorial Committee, a 3½ per cent Government security for Rs 1,000 for the purpose, of creating an endowment for the annual award of a silver medal (rimmed with gold) to the best amongt the successful candidates at the B A and B Sc Examinations who obtains Honours in Physics and does not obtain a gold medal for proficiency in that subject

The offer was thankfully accepted by the Syndicate

1917	Bandyopadhyay, Jitendranath	Presidency College
1918	Mitra, Hirendralal	Scottish Churches College
1919	Khastgir, Satisranjan	Presidency College
	Mukhopadhyay, Mrityunjay	Ditto

90

SREEKANTA SCHOLARSHIP

Babu Suryyakanta Raychaudhuri, B A, Zamindar, Taki, made over to the University 3 per cent G. P Notes for Rs 4,000 for the purpose of creating an endowment in memory of his father, the late Babu Sreekanta Raychaudhuri for the annual award of a scholarship to the value of Rs 5 per month tenable for two years to be called "Sreekanta Scholarship" to be awarded to the best successful candidate at the Matriculation Examination on the following conditions —

1 That the scholarship be called 'Sreekanta Scholarship' in memory of his revered father late Babu Sreekanta Raychaudhuri and the names of the Scholars be published in the Calendar of the University

2 That the Scholarship be awarded to the student who may be declared otherwise fit and eligible under the conditions hereinafter mentioned, in consideration of his prosecuting his studises in any college affiliated to the University of Calcutta

3 That the scholarship be awarded to the successful candidate in the Matriculation Examination of the University of Calcutta for the year, who being a student of the Taki Government School obtains the highest number of marks among such of his fellow-students as do not obtain any other scholarship

4 That should no student from the Taki Government School succeed in passing the Matriculation Examination aforesaid, or should such student pass but obtain any other scholarship, the scholarship shall be awarded to such successful candidate in the Matriculation Examination, who, being a student of Town Sripur H E School obtains the highest number of marks among such of his fellow students as do not obtain any other scholarship In the event of a student of the Town Sripur H E School being found ineligible for the "Sreekanta Scholarship" it shall be awarded to a student of the Basirhat H E School fulfilling the conditions hereinbefore stated

5 That if any year no student be eligible for the Scholarship according to the conditions hereinbefore mentioned from any of the aforesaid three schools the same shall be awarded to such deserving student of any other school, situated within the jurisdiction of the Commissioner of the Presidency Division, as the Syndicate of the Calcutta University shall select, having regard to the tenor and spirit of the conditions hereinbefore mentioned.

The offer was thankfully accepted by the Syndicate

SCHOLARS

1917	Raychaudhuri, Jitendranath .	Taki Govt High School
1918	Bandyopadhyay, Bijaybhushan ...	Ditto
1919	Brahma, Sailendranath	Ditto

91

DWIJENDRALAL RAY SCHOLARSHIP AND PRIZE

The joint treasurer, Dwijendralal Ray Memorial Fund, placed at the disposal of the University G P Notes of the nominal value of Rs. 7,500 for creating an endowment on the following conditions —

(*a*) That the Scholarship shall be called the "Dwijendralal Ray Scholarship" and be tenable with any other scholarships and with the "Dwijendralal Ray Prize"

(*b*) That the value of the scholarship shall be Rs 10 per month tenable for two years and shall be awarded to the student who having successfully passed the I A or I Sc Examination with the highest number of marks in Bengali shall prosecute further studies in any Institution affiliated to this University

(*c*) That the value of the Prize shall be the surplus of the annual interest of the money deposited over the amount necessary for the Scholarship and shall be awarded to the same student with the Scholarship for the first month only The prize shall consist of the works of the late Dwijendralal Ray and, if its value permit, of other Bengali books to be selected by the winner of the prize

(*d*) That the name of scholars and prize-winners be published in the University Calendar

(*e*) That the award of the Scholarship and Prize be made on the result of the examination of 1917

The offer was thankfully accepted by the Syndicate at its meeting held on the 29th March, 1917

SCHOLARS

1917	Sinha, Kalinath	Metropolitan Institution
1918	Bardhan, Dhirendrachandra	Comilla Victoria College
	Sengupta, Jitendranath	Carmichael College
1919	Mukhopadhyay, Syamaprasad	Presidency College

92

ARUNCHANDRA MEDAL

Babu Dwijeschandra Chakrabarti of Gauripur, Assam placed with the University 5 per cent War Loan Security for Rs 500 for founding a silver medal in memory of his deceased son, Arunchandra Chakrabarti, to be called the "Arunchandra Medal" to be awarded annually to the successful student who stands first in English in the Matriculation Examination and a prize of religious books to the value of Rs 5 to be awarded to the same student He further sent a cheque for Rs 30 in order that the medal and the prize may be awarded on the results of the examination of 1917

The offer was thankfully accepted by the Syndicate at its meeting held on the 20th July, 1917

SCHOLARS

1917	Guha, Brajakanta	Hailakandi V M High School
1918	Mitra, Brijanchandra	Hare School
1919	Ray, Satyendranath I	Ditto

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93

Dr J N DUTT MEDAL

The Secretary, J N Dutt farewell committee placed at the disposal of the University 3½ per cent G P Notes of the nominal value of Rs 1,000 for the creation of an endowment for the annual award of a Silver Medal to be called "Dr J N Dutt Medal" to the student who stands first in Bacteriology and Pathology in the 2nd or Final M B Examination held in March or April The names of the medallists should appear in the University Calendar

The offer was accepted by the Syndicate at its meeting of the 16th October, 1917

94

NOBOKRISTO KAR MEDALS

The late Babu Nabokristo Kar bequeathed by his will to the University a legacy of Rs 1,000 for founding an endowment for the annual award of two silver medals—to be called "Nobokristo Kar Medal"—one to the student who obtains the highest number of marks in Sanskrit at the Matriculation Examination and the other to the student who obtains the highest number of marks in Chemistry at the I Sc Examination of the University

The legacy was accepted by the Syndicate at its meeting of the 25th March 1918

MEDALLISTS

1919	Mukhopadhyay, Umaprasad	Mitra Institution, Bhowanipur
	Chakrabartty, Kumudinikanta	Presidency College

95

BRAHMAMAYI MEDAL.

Babu Adharchandra Mookerjee, M A, B L., placed in the hands of the Hon'ble Sir Asutosh Mookerjee, Kt., C S I., President of the Councils of Post-Graduate Teaching in Arts and Science, G P Notes amounting to Rs 2,500 cor the promotion of Post-Graduate Teaching in this University on the following tonditions

1 That a gold medal be instituted to be named 'Brahmamayi Medal" after the donor's mother

2. That the medal awarded annually to that successful candidate at the M A. Degree Examination in Indian Vernaculars who distinguishes himself most in Bengali as his special subject

3 That the medal be publicly presented to the recipient at the annual Convocation for conferring degrees and the name be published in the Gazette and in the University Calendar

The offer was thankfully accepted by the Senate at its meeting of the 23rd November, 1918

96

SAROJINI MEDAL

Babu Adharchandra Mookerjee, M A, B L, placed in the hands of the Hon ble Sir Asutosh Mookerjee, Kt, C S I, President of the Councils of Post-Graduate Teaching in Arts and Science, G. P. Notes amounting to Rs 2,500 for the promotion of Post-Graduate Teaching in this University on the following conditions

1. That a gold medal be instituted to be named "Sarojini Medal" after the donor's first daughter

2 That the medal be awarded annually to that successful candidate at the M A. Degree Examination in History who, having taken his B,A. Degree from the Scottish Churches College has prosecuted a regular course of study in that subject in the Post-Graduate Classes in the University

3 That the medal be publicly presented to the recipient at the annual Convocation for conferring degrees and the name be published in the Gazette and in the University Calendar

The offer was thankfully accepted by the Senate at its meeting of the 23rd November, 1918

MEDALLIST

1919 Dasgupta, Nirmalendu — University Students

97

ADHARCHANDRA MOOKERJEE PRIZE

Babu Adharchandra Mookerjee, M A, B L placed at the disposal of the University G P Notes amounting to Rs 1,500 for the creation of an endowment for the annual award of a prize of books to the value of Rs 50 on the following conditions —

1 That the prize be awarded to the best successful candidate at the Matriculation Examination from Sarodaprasad Institution, Chakdighi, if the school should cease to exist or if in any year there should be no successful candidate from the school, the prize is to be awarded to the best candidate at the Matriculation Examination

2 That the prize be awarded only on the production of a certificate from the Principal of a College that he has joined his institution for the purpose of preparing himself for the Intermediate Examination

The offer was thankfully accepted by the Syndicate at its meeting of the 28th November, 1918

PRIZE WINNER

1919 Das, Kanailal — Chakdighi Sarodaprasad Institution

98

SIR GOOROODASS BANERJEE PRIZE

Babu Haranchandra Banerjee, M A, B L, placed at the disposal of the University on behalf of himself and other executors of the will of the late Sir Gooroo Dass Banerjee, Kt, M A, D L, Ph D, a Government Promissory Note of the 3½ per cent loan of 1854-55 of the face value of Rs 1,000 on the condition that out of the interest thereof, prize books are awarded annually to the student who will secure the highest place at the M A or M Sc Examination in *Vyavaharik Manovijnan* (Experimental Psychology)

The offer was thankfully accepted by the Syndicate at its meeting of the 11th April, 1919

PRIZE WINNER

1919 Mitra, Suhritchandra — University Student (S C College)

99

DURGAMANI DEVI GOLD MEDAL

Babu Durgacharan Mookerjee placed at the disposal of the University, the sum of Rs 1,500 in 3½ per cent Government Promissory Notes to create an endowment for awarding a biennial Gold Medal to be called the "Durgamani Devi Gold Medal" on the following conditions —

(1) The medal to bear the words 'Durgamani Devi Gold Medal awarded to " on one side, and the University Arms on the other

(2) The medal to be presented publicly every alternate year at the Annual convocation for conferring Degrees, to that one of the successful candidates for the Degree of Master of Arts in Indian Vernaculars who obtains the highest number of marks.

(3) The names of the medallists to be printed in the University Calendar and published in the Gazette

The Senate accepted to offer with thanks at its meeting of the 23rd August, 1919

100

PEDLER MEMORIAL MEDAL OR PRIZE

Rai Saheb Isanchandra Ghosh, Secretary, Pedler Memorial Committee, placed at the disposal of the University, 3½ per cent G P Notes for Rs 500, for the annual award of a prize or medal to the student obtaining the highest percentage of marks in Practical Chemistry at the B Sc Examination either in the Pass Course or in the Honours Course, and the prize or medal is to be called the "Pedler Memorial Medal or Prize" after the late Sir Alexander Pedler, Kt, C.I.E., F R S

The Syndicate at its meeting of the 21st March, 1919, accepted the offer with thanks

MEDALLIST

1919 Chakrabarti, Sachindrabinod . Rangoon College

101

SIDDHESWAR, SANTOMANI AND PASUPATI MEDALS.

Rai B N Das, Bahadur, M A, B Sc, a Member of the Senate placed at the disposal of the University 3½ per cent G P Notes for Rs 2,000 for the purpose of creating an endowment on the following conditions --

1 That three silver medals be annually awarded out of the proceeds of the endowment—one to be called "Siddheswar Medal" in memory of the donor's father the late Babu Siddheswar Dass of Chinsurah, who was a great lover of Bhagabat Geeta, the second to be called Santomani Medal' in memory of his late mother and the third to be called 'Pasupati Medal' in memory of his brother the late Dr Pasupatinath Das, L M S who was appointed Resident Surgeon, Sambhunath Pandit Hospital, Bhowanipur, in March, 1906, and died in June of the same year of Septicæmia brought on by poision imbibed while performing an operation in the Hospital

2 That the "Sidheswari Medal' be awarded to the candidate who passes the M A Examination in Sanskrit with the highest credit in Paper VIII, Group D (on Bhagabat Geeta) In default of such a candidate, the medal may be awarded to the successful candidate who stands first in any of the other papers of Group D, or in any of the papers in Group E, or in the entire list

3 That the 'Santomani Medal" be awarded to the best lady graduate, of the year

4 That the "Pasupati Medal' be awarded to the successful candidate who stands first in Surgery at the Final M B Examination

5 That the names of the Medallists be printed in the University Calendar

The Syndicate at its Meeting of the 25th March, 1918, accepted the offer with thanks

MEDALLISTS

1919	Das, Sudhendukumar,	(Siddheswar Medallist)	University Student
	Bhattacharyya, Surendranath	(Santomoni Medallist)	Ditto
	Myrtle Chick	(Pasupati Medallist)	Non-Collegiate Student
	Majumdar, Surendramohan		Medical College

102

SIR ASUTOSH MOOKERJEE PRIZE

Prof D R Bhandarkar and Mahamohopadhyay Dr Satischandra Vidyabhushan, Members of the Senate placed at the disposal of the University through the Secretary to the Council of Post-Graduate Teaching in Arts, Government Security for Rs 1,000 representing the surplus of sums contributed by the friends and admirers of Sir Asutosh Mookerjee on the occasion of his birthday anniversary held on 1919 the income whereof is to be applied *for the present* in awarding a prize of books to the most deserving of the graduates undertaking the study of Indian Vernaculars in the M A Examination

The gift was thankfully accepted by the Senate, at its meeting of the 23rd August, 1919

Govt Securities of the nominal value of Rs 1,200 bearing interest at the rate of 3½ % per annum have been added to the fund and instead of one prize, two prizes will henceforth be awarded

PRIZE WINNER

1919 Chaudhuri, Praphullachandra

103

KSHETRAMANI PRIZE.

Mr G C Bose, M.A., a Member of the Senate, made over to the University 3½ per cent G P Notes for Rs 1,500 for the purpose of creating an endowment in memory of his deceased mother Kshetramani Dasi on the following conditions --

1 That out of the interest of the amount, a prize of books be annually awarded to the Student of the Post-Graduate classes who passess the M A examination in Bengali most creditably

2 That the prize be called the 'Kshetramani Prize

3 That the names of the prizemen be published in the Calendar

The offer was thankfully accepted by the Senate at its meeting of the 23rd August, 1919

104

REGINA GUHA MEDAL

Mrs Angelina Duke, Miss Hannah Guha, B.L and Miss Kittly Guha, B.A. offered to place at the disposal of the University Rs 1,000 in cash for the purpose of creating an endowment in memory of their deceased sister Miss Regina Guha, M A, B L, sometime a Tutor in English in the Post-Graduate Department of the University, on the following conditions —

1 That a Gold Medal, to the called "Regina Guha Medal" be annually awarded to the candidate at the M.A Examination whose thesis, according to the new Regulations in English in lieu of Examination in two Papers, will be declared best and who successfully passes the Examination the same year

2 That if in any year no candidate evinces sufficient merit to be entitled to the Medal, it be awarded to the successful candidate at the M.A Examination who secures the highest mark in the Essay Paper

3 That the Medal shall bear the University coat of arms on one side and the words 'Regina Guha Medal awarded to ' on the other and be presented publicly at the Annual Convocation of the Senate and the names of the Medallists to be published in the Gazette and in the University Calendar

4 That the first 'Regina Guha Medal' be awarded on the result of the M.A. Examination of 1919

The Senate has thankfully accepted the offer

MEDALLIST

1919 Mukhopadhyay, Ramaprasad University Student (Presidency College)

105

BANKUBEHARI GUPTA PRIZE.

The Rev [illegible] N Banerji and Mr [illegible] C Banerji Executors, *Estate Amelia Gupta*, [illegible] to the University a cheq[illegible] for Rs 2,000 together with the following extract from the will —

"I give to the University of Calcutta the sum of Rs 2,000 to be invested by them in Government or other approved securities and to apply the income thereof in paying and maintaining a prize of Medical books to be called 'Bankubehari Gupta Prize' to be awarded publicly every year to the successful student in the Second M B Examination of the said University, who secures the highest number of marks in Pathology, and I desire that the names of the prize-men should be published in the University Calendar "

The gift was thankfully accepted by the Syndicate at its meeting of the 29th August, 1919 and the money has been invested in 5 per cent G P. Notes (New Loan) for Rs 2,100

PRIZE-WINNER

1919 Deb, Rabindramohan .. Medical College

106

BANKO BEHARY BANERJEE, MEDAL

In November, 1914, Mr Sachiswar Banerjee made over to the University Government Promisory Notes worth Rs 3,000 bearing interest at 3½ per cent for the purpose of creating an endowment in memory of his deceased father Mr Banko Behary Banerjee on the following conditions —

(1) That out of the said Government Promissory Notes a gold medal be annually awarded to the successful candidate in M A Examination in Political Economy scoring the highest number of marks in "Banking and Currency" as his special subject

(2) That on one side of the medal be inscribed the armorial design of the University and on the other side, the name of the recipient together with the inscription "awarded in memory of Banko Behary Banerjee, Resident Zamindar Altapole, Jessore"

(3) That the names of the medallists be publish in the University Calendar and in the *Calcutta Gazette*

(4) That the whole of the interest accruing from the amount be devoted to the finish and make of the medal and not spent otherwise

(5) That the medal be called the "Banko Behary Banerjee Medal."

The Senate has thankfully accepted the offer

MEDALLIST

1919 Nripendrabihary Bandyopadhyay Uuniversity student

107

P MUKHERJEE, MEDAL

The Secretary, Mukherjee-Memorial Committee, with a view to commemorate the long connection of Mr. P. Mukherjee, B Sc., M. R. A. S, with the

Presidency Division as Inspector of Schools, made over to the University Rs. 400 in the Government of India, 5 per cent Income-Tax free loan of 1945—55 for instituting a silver medal, called the P Mukherjee Medal, to be awarded annually to the student who stands first in the Matriculation Examination among the successful candidates from schools in the Presidency Division, the name of the recipient being announced in the *Calcutta Gazette* and the University Calendar.

The Syndicate at their meeting held on the 26th September, 1919, thankfully accepted the offer.

168

BRAHMAMOHAN MALLIK GOLD MEDAL

The late Rai Brahmamohan Mallik, Bahadur, Inspector of Schools of the Western Circle and a Fellow of the University, bequeathed to the University securities of Rs 2,500 for creating an endowment for the annual award of a gold medal to the best of the M A and M Sc, graduates in alternate years The Medal to bear the inscription "Brahmamohan Mallik, Gold Medal awarded to " on the one side and the University Arms on the other

The bequest was thankfully accepted by the Syndicate on tha 13th Februarv 1920

109

JHUMMA, MEDAL

Babu Srikumar Banerjee made over to the University a sum of Rs 300 deposited with him by his friend the late Babu Jatindranath Basu, B A, of Midnapore to be invested in 3½ per cent., G P Notes for the purpose of creating an endowment for the annual award of a silver medal bearing on one side the inscription, "Jhumma Medal, Sarasibala Dasi and Mahendranath Chaudhuri" and on the other "awarded by Swami Billadal and Habul" to be awarded to the candidate who stands first in Bengali at the Matriculation Examination The names of the Medallists to be published in the Calendar

The offer was thankfully accepted by the Syndicate on the 19th March 1920.

110

THAKURDAS KERR MEDAL

Babus Dhirendrachandra Kerr and Narendrachandra Kerr made over to the University a 3½ per cent, G P Note for Rs 3,000, for the purpose of creating an endowment for the annual award of a gold medal, to be called the *Thakurdas Kerr Medal*, in memory of their father late Babu Thakurdas Kerr, the sole Proprietor, of the firm of Messrs R Cambray & Co, and for many years publisher to the University, to the successful candidate who stands first in History at the B A Honours examination The medal to bear the University arms an one side and the name of the medallists on the other and the names of the medallists to be published in the Calendar

The offer was thankfully accepted by the Syndicate at their meeting held on the 23rd April, 1920

111

SIR ASUTOSH MOOKERJEE MEDAL.

In honour of the Hon'ble Sir Asutosh Mookerjee, Kt, C S I, Acting Chief Justice of Bengal, the Assistants in offices of the Registrar and the Controller of Examination, Calcutta University (including University Press), made over to the University a 3½ per cent, G P Note for Rs 500 for the purpose of creating an endowment for the annual award of a silver madel The offer was thankfully accepted by the Syndicate at their meeting held on [the 7th May, 1920, and it was decided that the medal should be awarded to the successful candidate at the M. A Examination in Indian Vernaculars who would secure the highest number of marks in Bengali

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112

RAJENDRANATH DUTT AND MONMOHINI MEDALS

Babu Nitindrakrishna Dutt, Solicitor made over to the University on behalf of his client, Babu Prabhaschandra Dutt Executor of the Will of Sm Monmohini Dutt deceased, a 3½ per cent, G P Note for Rs. 1,000 and a Cheque for Rs 16-6 representing interest on the same for the half year ending in December 1919, for the purpose of creating an endowment for the annual award of two silver medals, on conditions specified below —

(1) One silver medal styled "Rajendranath Dutt Medal" to be awarded to the student who secures the highest number of marks in English at the Matriculation Examination from the Nibadhai High English School (District Twenty-four Parganas) and (2) the other silver medal styled 'Monmohini Medal" to be awarded to the student who secures the highest number of marks in Bengali at the Matriculation Examination from the said Nibadhai High English School (District Twenty-four Parganas)

The offer was thankfully accepted by the Syndicate at their meetihg held on the 28th May, 1920

113

MADHUSUDAN MEDAL

Mr S Modak, I C S, S D O, Munshiganj, made over to the University on behalf of Babu Upendrachandra Pal of Ramnagar, a sum of Rs. 1,040 for the purpose of creating an endowment for the annual award of a gold medal, to be called the Madhusudan Medal after the donors deceased father, to the student who stands first in Mathematics at the Matriculation Examination appearing from any of the High Schools in the Munshiganj Sub-division The medal to bear the inscription "presented in honour of S Modak, Esq., I C S, by Upendrachandra Pal of Ramnagar."

The offer was thankfully accepted by the Syndicate at their meeting held on the 17th June, 1920.

114

RAMAICHANDRA MITRA PRIZE

Mr Lalitchandra Mitra, made over to the University a 3½ per cent, G P. Note for Rs 1,000, for the purpose of creating in memory of his deceased son, Ramaichandra Mitra, an endowment, on the following conditions —

(i) That out of the income of the endowment an annual prize in books of the value of Rs 35 to be called the "Ramaichandra Mitra Prize," should be awarded to the successful candidate who obtains the highest number of marks in Bengali at the M A Examination

(ii) That the prize should consist of books in Bengali to be selected by the winner, subject to the condition that the available books of the late Rai Dinabandhu Mitra, Bahadur, grand-father of the deceased should form a part of the prize

(iii) That the names of the prize winners should be published in the University Calendar

The donor sent Rs. 17-8 in cash, which together with half yearly interest on the G P Note, due on the 31st October, 1920 would enable the University to award the prize for the first time on the results of the M. A Examination of 1920

The Syndicate at their meeting held on the 10th September, 1920, accepted the offer with thanks

XI

Scholarships for Study outside India.

REVISED RULES

GOVERNMENT SCHOLARSHIPS TENABLE IN THE UNITED KINGDOM BY INDIANS

No 399, dated Simla, the 1st May, 1916

RESOLUTION—By the Government of India, Department of Education

Three questions of importance have lately been engaging the attention of the Government of India in connection with the policy regarding State scholarships :—

(*a*) The advisability, in the interest of female education in this country of assisting and encouraging Indian women to receive a medical training outside India in the United Kingdom or elsewhere ;

(*b*) The insufficiency, in some cases, of the existing rates of Government scholarships ; and

(*c*) The difficulty of securing the admission of State scholars to the Universities of Oxford and Cambridge

2 The importance of (*a*) has been emphasised by the recent institution of a medical service for women in India Moreover the provision of facilities for a course of training in Europe should increase the attractiveness of the study of medicine as well as afford an inducement and an opportunity for the best women graduates to undertake special courses of training abroad. The Government of India have accordingly invited and obtained the approval of the Secretary of State to the grant from Imperial revenues, to an Indian woman graduate of one scholarship annually, tenable in the United Kingdom or, with

special sanction, in foreign countries This scholarship, however, will not necessarily be confined to the study of medicine but will also be available for training in certain other subjects The general practice will be that while the scholarshid will usually be awarded for the study of medicine, it may also be available for a candidate who desires to undertake some other educational or professional course Further particulars regarding the scholarship will be found in Appendices I and II The first scholarship will be awarded in 1916

3 As regards paragraph 1 (*b*), it has been found that in the case of scholars residing at an Oxford or Cambridge College the allowance of 200*l* a year is sufficient only to cover the necessary expenses of college life and permits little margin for vacation and other expenses The existing allowance of 150*l* in the case of Oriental scholars is also considered inadequate Hence after consultation with Local Governments and with the sanction of the Secretary of State the Government of India are pleased to announce that—

(*a*) The value of the two Government of India University scholarships and of the scholarships granted to a male member of the domiciled community which are mentioned in paragraph 6 (*a*) and (*c*) of this resolution shall be raised from 200*l* to 250*l* a year when held in a college at Oxford or Cambridge.

(*b*) The value of the language or Oriental scholarships which are mentioned in paragraph 6 (*d*) of this resolution shall be raised from 150*l* to 200*l* a year on the understanding that the holders of these scholarships will in future be required to pay their own University fees, and it will be further increased to 250*l* a year on the same understanding when the scholarship is held in a college at Oxford or Cambridge

(*c*) Before a male scholar leaves India his parent or guardian must show that he has sent to the Secretary for Indian students in London a sum of 25*l* for initial outfit expenses In the case of a technical scholar the sum of 15*l* will be sufficient

4 With regard to paragraph 1 (*c*), the difficulty of securing admission to colleges at Oxford and Cambridge is largely due to the late date on which applications for admission on behalf of State scholars are often received. The Secretary of State has recently pointed out that, to ensure success, such applications, accompanied by the requisite testimonials, should reach the Secretary for Indian Students in March or April each year The importance of the early and punctual submission of the nomination of scholars was therefore brought to the attention of Local Governments and Unversities As will be observed from this Department's letter No 2428-2432, dated the 24th December, 1913, nominations for University scholarships are required to be submitted in the spring or earlier The Government of India have been in

communication with the Secretary of State regarding this matter and have ascertained that, in cases where delay is inevitable through the necessity of awaiting examination results, arrangements for the admission of scholars to Oxford and Cambridge colleges may be made, provided that the selection is reported to the Secretary of State by telegram early in June and testimonials forwarded during that month In order that this may be done the Government of India desire that in the case of all State scholarships application should be received on or before May 15th at the very latest. Nominations submitted after that date cannot be considered, as otherwise the interests of all concerned may be affected adversely It is hoped that by this means the arrangements made for the admission of State scholars to the English Universities, and especially those of Oxford and Cambridge, will be rendered more effective

5 For the sake of convenience the present opportunity is taken to supersede and collate all previous resolutions and orders on this subject, and to issue the present resolutions, the appendices to which deal with State scholarships of all kinds held abroad and the rules relating to them It is proposed, instead of issuing supplementary instructions which may be required in future, to embody them in re-issues of the present appendices It is thought that this method will be convenient to the public, since enquiries regarding the conditions of these scholarships are frequent

6 The Government of India have from time to time sanctioned from Imperial revenues the following State scholarships (including that established, in this resolution) tenable abroad by students of this country —

(*a*) Two scholarships of 200*l* to 250*l* [*vide* paragraph 3 (*a*)] to be awarded annually by the Universities (*vide* the Government of India, Home Department Resolution No 1-45-57, dated the 12th February 1886)

(*b*) Ten technical scholarships of 150*l* to be awarded annually to statutory natives of India (*vide* the Government of India, Home Department, Resolution No 41, dated the 20th January 1904)

(*c*) One scholarship of 200*l* or 250*l* [*vide* paragraph 3 (*a*)] to be awarded annually to a male student of the domiciled community (*vide* the Government of India, Home Department, Resolution No 221-238, dated the 19th March 1907)

(*d*) Two scholarships of 200*l* or 250*l* [*vide* paragraph 3 (*b*)] to be awarded annually for the study of Oriental languages (*vide* the Government of India, Home Department Resolution No 731-734, dated the 1st September 1908).

(*e*) One scholarship of 200*l* to be awarded annually to a female candidate of the domiciled community (*vide* the Government of India Department of Education, Resolution No 1233-1271, dated the 10th J 1913)

(*f*) One scholarship of 200*l* to be awarded annually to an India woman graduate (*vide* paragraph 2 of this resolution).

Further detailed information regarding these scholarships is given in appendices to this resolution

APPENDIX II

GENERAL AND SPECIAL RULES GOVERNING THE GRANT OF STATE SCHOLARSHIPS.

General Rules

(*i*) Candidates must produce medical evidence of physical fitness to undergo a course of study abroad

(*ii*) Except in the case of University scholarships for which (subject to the approval of the Governments of India, Madras and Bombay) the Universities make their own selection, each Local Government is invited to nominate annually a candidate or candidates, as the case may be, and the Government of India select from among those nominated the candidates who appear to them the best fitted to hold the scholarships For technical scholarships no candidate is to be selected by Local Governments on the result of a competitive examination either open or limited

(*iii*) Full details including the name and occupation of the scholar's father and place of birth, a summary of his academic career in India and a statement of the course of study proposed to be followed in the United Kingdom, should be furnished for transmission to the India Office some time before the scholar's arrival in England

(*iv*) When nominating candidates already resident in the United Kingdom, Local Governments should give the earliest possible intimation to the Government of India regarding the qualifications of such candidates, the course of study they propose to pursue and their address in the United Kingdom The Government of India will then communicate these particulars to the Secretary of State, and will await a reply from him before selecting the scholars The Government of India will transmit to Local Governments the views or instructions received from the India Office at the earliest possible date and, if necessary by telegram

(*v*) Difficulties sometimes arise owing to scholars arriving in England with preconceived plans and ideas based on the advice of educational authorities in India as to the courses of study they should follow and the institutions to which they should secure admission, or owing to a scholar's unassisted efforts on his arrival to make his own plans without a sufficient knowledge of the requirements of the educational institutions in the United Kingdom To obviate this cause of difficulty arrangements should be made to let the India Office receive in good time any special suggestion that may be made by college professors and other educational authorities regarding the course of training which a particular scholar might follow with advantage

(*vi*) Selected scholars should communicate with the local Advisory Committee (in Burma, the local branch of the Burma Society) in order that they may obtain advice regarding certificates, etc., and they should, when proceeding to England take with them the originals of their certificates, testimonials and other important personal documents suggested to them by the local Secretary to the Advisory Committee

(*vii*) State scholars are required to proceed to England within a reasonable time from the date of their selection so as to arrive there not later than the middle of September, and to reside there for the period of their scholarship unless compelled to return sooner in consequence of ill-health The scholarship will be payable from the date on which the scholars report their arrival in England Selected scholars will be provided with a second-class passage to England and also with a second-class return passage if they carry out the instructions of the Secretary of State and complete the full period of residence or are compelled by sickness to return within that period

(*viii*) The scholarships carry with them no conditions as to any subsequent, career or service under Government and no expectations of such employment are held out.

II—Special Rules

(*a*) *University Scholarships*

It is open to each University to consider whether a special examination should be held for the selection of the scholars, or whether the selection should be made on the results of the ordinary examinations If special examinations are held, the regulations which the University concerned may propose to lay down in regard thereto should be submitted for the previous approval of the Government of India, the necessary arrangements for the conduct of the examinations being made under the orders of the University authorities The candidates for the special examinations, when such examinations are held, must be young men of proved ability, and will be selected by the Vice-Chancellor on the report of the Syndicate or governing body, who will in their turn be guided by the opinions of the professors and examiners concerned

(*b*) *Technical Scholarships*

(i) Local Governments will consider what industries are of importance in the province, and which of them may best be encouraged by scholarships, taking care to connect the scholarship scheme with the system of technical and industrial education in the province Industries in which Indian capital and enterprise are engaged or likely to be engaged are particularly appropriate for selection

(ii) In the autumn of each year Local Governments consult local bodies leading firms and selected individuals as to the industry which is to be encouraged, etc, and, as a result of this preliminary consultation, issue a notification (with a copy of the technical scholarship rules) containing full particulars of the scholarship to be awarded, not later than December

(iii) If Local Governments anticipate difficulty in arranging suitable courses in certain subjects, such as the study of fats, oils and soaps, glass making or the manufacture of sugar, a copy of the notifications is sent to the Government of India, who communicate with the Secretary of State early in January The Government of India will reserve their final selection for scholarships till they have ascertained from the Secretary of State that suitable arrangements can be made in such subjects In case courses cannot be arranged in any subject, it may be found convenient for Local Government to mention more than one industry in the notification, so that there may be a certain range of subjects and of candidates from which selection can be made

(iv) In determining the industry to be studied and in choosing a candidate for the scholarship Local Governments are required to bear in mind the importance of insuring that the scholar on his return will find scope for his skill and experience In recommending a candidate for the study of any industry connected with agriculture, Local Governments might with advantage consult the Agriculture Adviser to the Government of India as to the course of training which the selected scholar should undergo

(v) The subjects excluded from the scope of these scholarships are Law, Medicine, Forestry, Veterinary Science, Agriculture Civil Engineering and Geology It is not intended to send scholars either to Europe or to America to study the extraction of alkalis or vegetable oil-pressing

(vi) Candidates selected for scholarships should ordinarily be of such formed character and habits, and of such an age, that detailed tutelage should be unnecessary.

(vii) The form in which recommendations should be submitted will be found in Appendix III to this resolution

(viii) If a technical scholar is receiving preliminary training in India, a report upon his work and progress should be forwarded to the Government of India for transmission to the Secretary of State at the end of each year, so that his training in India and England may be made parts of one considered plan, and that no time may be lost on his arrival in England

(c) Domiciled Community Scholarship (Male Candidates).

(i) The two main principles which govern the grant of this scholarship are

(*a*) that, as the object in view is to assist a scholar to take up a University course in England, the scholarship will ordinarily be awarded to a young man at the close of his school career in India so that he may join the University as far as possible at the same age as boys educated in England,

(*b*) the scholarship will be given to the scholar who is most fitted to benefit from a course of study at a University

(ii) In making the selection due regard will be paid to the claims of each province to participate in its turn in the scheme

(d) Language or Oriental Scholarships

(i) The Scholarship will as a rule be awarded to a candidate who has passed examinations in India which will obtain for him admission to a University in Europe as an advanced or research student

(ii) Some elementary knowledge of French and German should, if possible, be acquired by the scholar before leaving India

(iii) In the selection of scholars for the study of Sanskrit regard should be paid to the following considerations As the vast range of Sanskrit literature makes it necessary for a scholar to select some special field of Sanskrit learning in which to specialise the choice of the special branch of study should be made in India and the pertinent preparatory studies completed before the scholar leaves for Europe Professors of Sanskrit in various European University have complained that individual language scholars have been unable to enter at once on the course of study best fitted for them through lack of preliminary knowledge which could quite well have been acquired in India Accordingly if a Sanskrit scholar wishes to specialise on

(*a*) Veda or Philology, he should have some knowledge of Latin and Greek,

(*b*) Philosophy, he should have studied one of the systems of Indian Philosophy in the Original texts, and have read some Plato and Aristotle,

(*c*) Post-Vedic Literature, his reading should have extended considerably beyond the limits of the courses prescribed for the M.A Examination of an Indian University

(e) Domiciled Community Scholarship (Female Candidates) and Scholarship to Indian Women

If a select scholar has friends or relatives in the United Kingdom willing to receive her during vacations, their names and addresses should be forwarded to the Educational Adviser in London.

APPENDIX III

FORM IN WHICH RECOMMENDATIONS FOR STATE TECHNICAL SCHOLARSHIPS SHOULD BE MADE

No	Name of candidate and place of origin	Age	Parentage (father's name, occupation, ect)	Academic and practical qualifications, of the candidate	Subject chosen for study	Whether physically fit to undergo the necessary training	Prospects of employment, on return	REMARKS

APPENDIX IV

RULES FOR GOVERNMENT OF INDIA (UNIVERSITY) SCHOLARS IN THE UNITED KINGDOM

1 Government scholars are required to avail themselves of the information and advise which the Secretary for Indian students and the Local Adviser at University centres are in a position to give them, and to apply to their Local Adviser for instructions as regards their studies and in any circumstances of difficulty The Local Advisers at Oxford, Cambridge Manchester Edinburgh and Glasgow have charge of Government scholars studying at those Universities Scholars studying at other British Universities will be under the charge of the Educational Adviser in London The Adviser is the proper person to bring before the Secretary for Indian students any matter requiring the sanction of the Secretary of State in Council

2 Every scholar should on reaching England at once report himself to the Educational Adviser in London at 21, Cromwell Road, R W Accommodation for new arrivals is provided in that house After seeing the Educational Adviser in London, and consulting with him in regard to his course of study, he should also call on the Secretary for Indian Students at the India Office

3 Every scholar must obey all instructions which he may receive, either through the Secretary for Indian Students or through his Local Adviser, and must consult his Local Adviser regularly in regard to his work Any course of study which requires and has received the sanction of the Secretary of State will not be changed without similar sanction.

4 Every scholar must from time to time, whenever the Local Adviser requires it, submit a certificate from the proper College or University Authority, showing that his conduct and progress in study have been satisfactory

5 Subject to a due compliance with the above conditions, the scholar's allowance will be paid quarterly in advance by the India Office to the Local

Adviser under whose charge he is It will begin from the date of the scholar's reporting his arrival in England and the Local Adviser will disburse it to the scholar in such instalments as convenience may dictate Three months after the date of reporting arrival, the amount to the ensuing official Quarter Day* will be paid to the Local Adviser, and subsequent payments will be made in advance on or after each official Quarter Day The allowance will be at the rate of 200*l*, a year, except in the case of scholars admitted to the colleges at Oxford or Cambridge, whose allowances will be increased to 250*l* a year to cover the additional expenses involved

6 Every scholar is required to lodge with the Secretary for Indian Students at the India Office, London, before his arrival in England, the sum of 25*l* for initial expenses He will have no claim to payment of any instalment of his scholarships until this deposit has been made

7 Charges for University and College fees, for private tuition, for books, hotel bills, medical attendance, and travelling (except the two journeys between England and India), must be borne by the scholar and will not be defrayed by the Secretary of State

8 The scholarship is granted for three years, unless the Secretary of State in the exercise of his discretion sees reasons to terminate it sooner Every scholar will forfeit his scholarship who, not being disabled by illness or prevented by any other cause which the Secretary of State may consider sufficient, fails to comply with the Rules here set forth It may be terminated at any time if a scholar falls in health or conduct

9 On the expiration of the scholarship a scholar is provided by the India Office with a free second-class passage to India, and he should apply for it without delay through his Local Adviser He is not entitled to make his own passage arrangements, and to claim an allowance in lieu from the India office. If a scholarship be forfeited, or if it be resigned before completion of its term, or if the holder of it, on completion of its term, declines to return to India when instructed to do so, the scholar will lose his claim to a free passage back to India

APPENDIX V

RULES FOR GOVERNMENT OF INDIA (SANSKRIT AND ARABIC) SCHOLAR IN EUROPE

1 All Government scholars are required to avail themselves of the information and advice which the Secretary for Indian Students and the Local Advisers at University centres are in a position to give them, and to apply to their Local Adviser for instruction as regards their studies and in any circumstances of difficulty The Local Advisers at Oxford, Cambridge, Manchester, Edinburgh and Glasgow have charge of Government scholars studying at those Universities Scholars studying at other British Universities or abroad will be under the charge of the Educational Adviser in London The Adviser is the proper person to bring before the Secretary for Indian Students any matter requiring the sanction of the Secretary of State in Council

2 Every scholar should, on reaching England, at once report himself to the Educational adviser in London at 24, Cromwell Road, S W Accomodation for new arrivals is provided in that house After seeing the Educational

* *Note*—The Official Quarter Days are the 1st of January, the 1st of April, the 1st of July and the 1st of October

Adviser in London and consulting with him in regard to his course of study, he should also call on the Secretary for Indian Students at the India Office

3 Every scholar must obey all instructions which he may receive either through the Secretary for Indian Students or through his Local Adviser He must consult his Local Adviser regularly in regard to his work and carry out any course of study which the Adviser may ultimately prescribe. Any course which requires and has received the sanction of the Secretary of State will not be changed without similar sanction

4 Every scholar must, from time to time, whenever the Educational Adviser in London or other Local Adviser requires it, submit a certificate from the proper College or University Authority, showing that his conduct and progress in study have been satisfactory

5 Subject to a due compliance with the above conditions, the scholar's allowance will be paid quarterly in advance by the India Office to the Local Adviser under whose charge he is It will begin from the date of the scholar's reporting his arrival in England, and the Local Adviser will disburse it to the scholar in such instalments as convenience may dictate Three months after the date of reporting arrival, the amount to the ensuing official Quarter Days* will be paid to the Local Adviser, and subsequent payments will be made in advance or after each official Quarter Day The allowance will generally be at the rate of 200*l*, a year, and Language Scholars will not, as a rule be expected to join Colleges at Oxford or Cambridge But in the event of a Language Scholar being admitted to an Oxford or Cambridge College, his allowance will be increased to 250*l*, a year, to cover the additional expenses involved

6 Every scholar is required to lodge with the Secretary for Indian Students at the India Office, London, before his arrival in England, the sum of 25*l*, for initial expenses He will have no claim to payment of any instalment of his scholarship until this deposit has been made

7 The necessary travelling expenses of scholars abroad by second class or by third class, if no second be available, will be defrayed by the Secretary of State These expenses should be claimed on forms obtainable from the Adviser Travelling expenses in the United Kingdom will be borne by the scholars themselves Charges for University and College fees, for private tuition, for books, hotel bills and medical attendance must be borne by the scholar and will not be defrayed by the Secretary of State

8 No claim can be admitted for the payment of any expenditure unless the scholar has obtained *previous* sanction from the Secretary of State

9 The scholarship granted in the first instance for two years, unless the Secretary of State in the exercise of his discretion sees reason to terminate it sooner. Every scholar will forfeit his scholarship who not being disabled by illness or prevented by any other cause which the Secretary of State may consider sufficient, fails to comply with the Rules here set forth The scholarship may, for sufficient reason, be extended beyond two years by the Secretary of State It may be terminated at any time within the first two years or later, if a scholar fails in health or conduct

10 On the expiration of the scholarship a scholar is provided by the India Office with a free second-class passage to India, and he should apply for it without delay through his Local Adviser He is not entitled to make his own

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* *Note.*—The Official Quarter Days are the 1st of January, the 1st of April the 1st of July and the 1st of October

passage arrangement and to claim an allowance in lieu from the India Office If a scholarship be forfeited, or if it be resigned before completion of its term, or if the holder of it on completion of its term declines to return to India when instructed to do so, the scholar will lose his claim to a free passage back to India

APPENDIX VI

Rules for Government of India (Technical Scholars) in the United Kingdom

1 All Government scholars are required to avail themselves of the information and advice which the Secretary for Indian Students and the Local Advisers at University centres are in a position to give them, and to apply to their Local Advisers for instructions as regards their studies and in any circumstances of difficulty The Local Advisers at Oxford, Cambridge, Manchester, Edinburgh and Glasgow have charged of Government scholars studying at those Universities Scholars studying elsewhere will be under the charge of the Educational Adviser in London The Adviser is the proper person to bring before the Secretary for Indian Students any matter requiring the sanction of the Secretary of State in Council

2 Every scholar should on reaching England at once report himself to the Educational Adviser in London at 21 Cromwell Road S W Accommodation for new arrivals is provided in that house After seeing the Educational Adviser in London, and consulting with him in regard to his course of study he should also call on the Secretary for Indian Students at the India Office

3 Every scholar must obey all instruction which he may receive either through the Secretary for Indian Students or through his Local Adviser, and must consult his Local Adviser regularly in regard to his work No course of study will be sanctioned which does not provide for an adequate practical training Any course which has received the sanction of the Secretary of State will not be changed without similar sanction

4 Every scholar must from time to time, whenever the Local Adviser requires it, submit a certificate from the proper College or University, Authority, or from any other Authority under whom he is working, showing that his conduct and progress have been satisfactory

5 Every scholar must give a written undertaking that he will devote himself exclusively during the tenure of his scholarship, to the study of the subject for which his scholarship was granted, and that he will return to India on its termination and there continue to devote himself to the industry which he has studied Any scholar who neglects his studies, or tries to work for any other profession concurrently, will render himself liable to forfeiture of his scholarship

6 Every scholar will be required to keep a concise diary, to be submitted at the end of each term to his Local Adviser, and to be forwarded through the Local Adviser at the end of each academic year to the Secretary of State for transmission to India

7 Scholars will be expected to continue their studies during vacations with the exception of three weeks in each year Vacation study should, as far as possible, take form of practical work

8 Plans for vacation work, accompanied by a complete estimate of any extra expenses for fees or travelling involved should be sent in to the Local Adviser six week before the end of any academic term Scholars are not entitled to any subsistence allowance in addition to the scholarship allowance

during time spent on vacation work, but a scholar who receives permission to visit the Continent may, if the Secretary of State for India in Council considers that the circumstances render it desirable, be granted a subsistence allowance calculated at such rate as the Secretary of State may decide

9 Subject to a due compliance with the above conditions the scholar's allowance will be paid quarterly in advance by the India Office to the Local Adviser under whose charge he is It will begin from the date of the scholar's reporting his arrival in England, and the Local Adviser will disburse it to the scholar in such instalments as convenience may dictate Three months after the date of reporting arrival, the amount to the ensuing official Quarter Day* will be paid to the Local Adviser, and subsequent payments will be made in advance on or after each official Quarter Day * The allowance will, except in special cases, be at the rate of 150*l* a year

10 Every scholar is required to lodge with the Secretary for Indian Students at the India Office, London before his arrival in England and the sum of 15*l* for initial expenses He will have no claim to payment of any instalment of his scholarship until this deposit has been made

11 Charges for University and College fees premiums for practical training, and the necessary expenses of scholars by second-class, or by third-class, if no second be available, will, if sanctioned, be defrayed by the Secretary of State Applications for payment of all these charges should be made through the Local Adviser But charges for private tuition, unless specially sanctioned, for books, instruments, hotel bills and medical attendance, must be paid by the scholar himself

12 No claim can be admitted for the payment of any expenditure unless the scholar has obtained *previous* sanction from the Secretary of State

13 The scholarship is granted in the first instance for two years, unless the Secretary of State in the exercise of his discretion sees reason to terminate it sooner Every scholar will forfeit his scholarship who, not, being disabled by illness or prevented by any other cause which the Secretary of State may consider sufficient, fails to comply with the Rules here set forth It may be terminated at any time if a scholar fails in health or conduct It may also be extended for a third year or longer, if the Secretary of State decides that such an extension is required to complete the scholar's training

14 On the expiration of the scholarship a scholar is provided by the India Office with a free second class passage to India, and he should apply for it without delay through his Local Adviser He is not entitled to make his own passage arrangements and to claim an allowance in lieu from the India Office If a scholarship be forfeited or if it be resigned before completion of its term, or if the holder of it, on completion of its term declines to return to India when instructed to do so, the scholar will lose his claim to a free passage back to India

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APPENDIX VII

RULES FOR GOVERNMENT OF INDIA (WOMEN) SCHOLARS IN THE UNITED KINGDOM.

1 All Government scholars are required to avail themselves of the information and advice which the Secretary for Indian Students and the Local

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* *Note*—The official Quarter Days are the 1st of January, the 1st of April, the 1st of July and the 1st of October

Advisers at University centres are in a position to give them, and to apply to their Local Adviser for instructions as regards their studies and in any circumstances of difficulty The Local Advisers at Manchester, Edinburgh and Glasgow have charge of Government scholars studying at these Universities Scholars studying elsewhere will be under the charge of Educational Advisers in London The Adviser is the proper person to bring before the Secretary for Indian Students any matter requiring the sanction of the Secretary of State in Council

2 Every scholar should on reaching England at once report herself to the Educational Adviser in London at 21, Cromwell Road, S W After seeing the Educational Adviser in London, and consulting with him in regard to her course of study, she should also call on the Secretary for Indian Students at the India Office

3 Every scholar must obey all instructions which she may receive, either through the Secretary for Indian Students or through her Local Adviser, and must consult her Local Adviser regularly in regard to her work and her residence during vacations Any course of study which requires and has received the sanction of the Secretary of State will not be changed without similar sanction

4 Every scholar must from time to time, whenever the Local Adviser requires it, submit a certificate from the proper college or University Authority, showing that her conduct and progress in study have been satisfactory

5 Subject to a due compliance with the above conditions, the scholar's allowance will be paid quarterly in advance by the India Office to the Local Adviser under whose charge she is It will begin from the date of the scholar's reporting her arrival in England and the Local Adviser will disburse it to the scholar in such instalments as convenience may dictate Three months after the date of reporting arrival, the amount to the ensuing official Quarter Day* will be paid to the Local Adviser, and subsequent payments will be made in advance or after each official Quarter Day The allowance will be at the rate of 200*l* a year

6 Charges for University and College fees, for private tuition, for books, instruments, hotel bills, medical attendance and travelling (except the two journeys between England and India), must be borne by the scholar and will not be defrayed by the Secretary of State

7 The scholarship is granted in the first instance, for three years, unless the Secretary of State in the exercise of his discretion sees reason to terminate it sooner Every scholar will forfeit her scholarship who, not being disabled by illness or prevented by any other cause which the Secretary of State may consider sufficient, fails to comply with the rules here set forth It may be terminated at any time if a scholar fails in health or conduct

8 On the expiration of the scholarship a scholar is provided by the India Office with a free second-class passage to India, and she should apply for it without delay through her Local Adviser She is not entitled to make her own passage arrangements, and to claim an allowance in lieu from the India Office If a scholarship be forfeited, or if it be resigned before completion of its term, or if the holder of it, on completion of its term declines to return to India when instructed to do so, the scholar will lose her claim to a free passage back to India

RULES FOR ELECTION TO THE GOVERNMENT SCHOLARSHIPS.

1 Candidates for the Government Scholarships must be natives of India, within the meaning of Section 6 of the Statutes 33, Vic Cap 3

*Note—The official Quarter Days are the 1st of January, the 1st of April, the 1st of July and the 1st of October

2 The selection of the scholars shall take place not later than the month of January in the year in which the Scholarship is placed at the disposal of this University

3 The candidates for the Scholarships shall be only such Graduates of the University as have passed the examination for the degree of M A or M Sc or the examination for the degree of B.A or B Sc with Honours

4 Candidates for the examinations mentioned in the preceding rule who are desirous of competing for the Government Scholarships at the disposal of this University either in the year of their examinations, or in the three following years shall intimate the fact to the Registrar at the time they make their applications for these examinations and shall state whether they have the consent of their families to proceed to England in order to complete a University education there

5 It shall be the duty of the Boards of Examiners in submitting the results of the examinations mentioned in rule 3 to state which of the candidates are in their opinion fit and proper persons to be selected for the Government Scholarships

6 Candidates for the Scholarships who have been admitted by the Board of Examiners under the preceding rule, shall not later than the 7th January in the year in which it is to be awarded submit to the Registrar certificates of—

(*a*) their good conduct from persons of respectability and position with whom they may be acquainted ,

(*b*) their knowledge of the English language from one or more of the Professors of the College in which they have been educated, and

(*c*) their physical capacity to undergo the course of life and study which they will have to follow in England, signed or countersigned by a Presidency or Civil Surgeon

A candidate should ordinarily be over 22 and under 25 years of age at the time when the Selection for the Scholarship is made The Government of India will however be prepared to consider the relaxation of this rule in exceptional circumstances and that every such case will be submitted for their orders before the Scholarship is actually awarded

A certificate of age on the 31st of January must also accompany each application, and each candidate must state in his application the name of his father the place of his residence and whether he has the consent of his family to proceed to England in order to complete a University education there Each application must also contain a brief statement of the candidate's academical career

Each candidate is also required to satisfy the University that if elected to the Scholarship, he will have other resources besides his Scholarship to enable him to meet expenses in the vacation and other general expenses which may be unavoidable

7 In the year in which the selection is to take place, the names of those candidates recommended by the Boards of Examiners for the year and for the three preceding years shall be laid before a Committee of the Syndicate consisting of not more than three members who shall have power to call for reports from the Principals and Professors of the Colleges in which the graduates were educated, and to make such other enquiries as they think fit, and who shall recommended to the Vice-Chancellor one of the candidates for selection

SCHOLARS.

1886 Jogindranath Das, B A
1888 Abdul Majid, B A
1890 J Platel, B A
1893 Atulchandra Chattopadhyay, B A
1895 Jogindranath Pal, B A
1898 Harinath De, M A
1900 Mahimchandra Ghosh, B A
1903 Birendranath De, B A
1905 Praphullakumar Chakrabarti, M A
1908 Satischandra Majumdar, B Sc.
1910 Kshitishchandra Sen B A
1913 Satyendranath Modak, M A
1915 Nihatan Dhar, M Sc
1918 Amareschandra Chakrabarti, M Sc

GURUPRASANNA GHOSH SCHOLARSHIP.

The terms of the bequest are given in the following extract from the Will —

"I direct that my executors shall, after payment of all my just debts and making due provision for the objects hereinbefore mentioned and the costs they are likely to incur in the administration of my estate, sell the rests and residue of such of my estate as consists of landed properties and my jewellery and furniture and make over the proceeds thereof and all monies or securities for money of which I may die possessed to the University of Calcutta for the following purposes—namely, that the said University shall, out of the income thereof, send every year or as often as funds will permit either together or alternately pure natives of Bengal to study in Europe, America or Japan the Arts Sciences and Industries of Europe and America on such conditions and terms as to the said University may seem proper but they must bear in mind my intention which is as follows —*viz*, the promotion of real learning amongst our young men so that they may become specialists in some subjects of Arts or Science, the cultivation of the knowledge of agriculture and of the industries of Europe and America or the East

It is my desire that the University should further my object by awarding fellowships tenable for a certain number of years or in such other way as to the University may seem proper In the case of boys or young men sent out to learn the industries of Europe, America or the East, or Agriculture, it is my desire that such educational tests be not laid as the condition for the obtaining of fellowships for that purpose as to make it possible for none but graduates to compete My object is that young men possessed of energy and such preliminary knowledge as may be necessary should be sent and that the sons of artisans and mechanics following such industry in India may avail themselves of the fellowship Preference should always be given to Hindus, if the University declines to undertake the work I direct my executors and trustees to discharge the functions themselves and make such arrangements as they think best I give liberty to my executors and trustees to vary this direction if they think desirable in furtherance of the Tata Scheme, regard being had to the method in which I wish this direction to be carrried out"

The following scheme for giving effect to the wishes of the Testator has been adopted by the Senate —

1 Not less than three scholarships each to be called "The Guruprassanna Ghosh Scholarship" shall be maintained out of the income of the endowment Each Scholarship, shall be tenable for three years, and one appointment shall be

made annually A scholarship, if tenable in Japan, will be of the annual value of Rs 1,000, if tenable in Europe or America of the value of Rs 2 000

2 Candidates for the scholarships must under the terms of the Will of the Founder, be "pure natives of Bengal" and "preference shall always be given to Hindus"

3 Application for the scholarships shall be submitted to the Registrar not later than the 1st of August every year If an applicant has not already passed the Intermediate Examination in Science of this University, or the final examination of a recognized School of Arts or Technical of Agricultural College he must produce with his application proof that he has attained a knowledge of English and Mathematics up to the standard of the Matriculation Examination and the Physics and Chemistry up to the standard of the Intermediate Examination in Science

Any person who intends to be a candidate for these scholarships may be examined upon payment of a fee of Rs 2 for each subject, in English and compulsory Mathematics in the papers set at the Matriculation Examination and in Physics and Chemistry in the papers set at the Intermediate Examination in Science, and if he attains the minimum standard laid down in the Regulations in all or any of the subjects in which he is examined, he shall be entitled to receive a certificate accordingly

4 Candidates for the scholarships must have completed 18 years on the 1st March in the year in which they apply

5 The application of every candidate must set forth precisely the institution in Europe, America or Japan in which, if elected to the scholarships, he intends to study, as also the particular branch of Agriculture or the Arts, Science and Industries of Europe, America or the East, in which he desires to specialize

6 Candidates for the scholarships shall submit to the Registrar, along with their applications

(a) Certificates for their good conduct from persons of respectability and position with whom they may be acquainted

(b) Certificates of their Physical capacity to undergo the course of life and study which they will have to follow in the country to which they intend to proceed, signed or countersigned by a medical man holding a degree or diploma of a recognised British or India University or Licensing Body

Candidates must also state whether they have the consent of their families to proceed to Europe, America or Japan

7 The application shall, in the first instance, be considered by a Committee of the Syndicate, consisting of the Vice-Chancellor and three other members, upon whose report the Syndicate shall, not later than the 1st September in any year, award the scholarship to that one among the candidate who is best qualified to promote the object of the Founder

8 The Syndicate may contribute towards the expenses of the passage of the selected scholar such amount as the state of the funds may permit The Syndicate may also, whenever practicable, contribute towards the return passage of any scholar who has specially distinguished himself in his studies

9 Every scholar shall within four weeks of his arrival at the selected place of study, forward a report to the Registrar countersigned by the proper authorities, showing (a) the course of study he proposes to follow, (b) the

arrangement made for his residence, supervision and control Any departure from the conditions to study and residence thus reported shall be duly intimated by the scholar for the approval of the Syndicate

10 Every scholar shall, at the end of each term at the Institution where he prosecutes his studies, forward to the Registrar a certificate from the proper authorities, showing that his residence, conduct and progress in study have been satisfactory during the term The continuance of the scholarship shall depend upon the regular production of such certificate

11 Every scholar will be liable to forfeit his scholarship who not being disabled by illness or prevented by any other cause which the Syndicate may deem sufficient, fails to complete his studies for three years (in accordance with the terms and conditions set out in his application) If a scholarship be forfeited the scholar will be further liable to refund the amount, if any, contributed for his passage

12 Subject to due compliance with the above conditions, the allowances will be forwarded quarterly in advance, by the Registrar, free of all charges to the chief controlling authority of the Institution where the scholar prosecutes his studies for payment to him

13 The Senate may, at any time, upon the recommendation of the Syndicate, alter these rules consistently with the terms of the Will of the Founder, but not so as to prejudice the holder of any scholarship already awarded

SCHOLARS

1908	Ray, Sadhanchandra
	Sen Rajendranath, M A
1909	Datta, Probodhkumar
	Das, Birajmohan, M A
1910	Maitra, Surendranath M A
	Ray, Rameschandra
1911	Raychaudhuri, Sukumar, B Sc
	Maulik Samarendra
1912	Datta, Saratkumar, M A
1913*	Brahmachari, Indubhushan M A, B L
1914*	Ghosh, Purnachandra
1915	Chakrabarti, Sukumar
1916	Nag, Nripendrakanta M A
1917	Dhar, Surendranath, M Sc
1918	Chaudhuri Rabindranath, M Sc
1919	Saha, Dr Meghnath, D Sc
	Ghosh, Mohitkumar M A
	Bose, Saralkumar, B Sc
	Ray, Karunaranjan, B Sc
1920	Maitra, Sisirkumar D Sc

SIR TARAKNATH PALIT SCHOLARSHIP

Out of the trust estate of Sir Taraknath Palit, Kt, a sum of Rs 1,00,000, has been set apart for the purpose of creating an endowment for establishing and maintaining, out of the interest thereof, scholarships for advanced students in Science to enable them to carry on research or investigation abroad, that is to say out of India The number and value of such scholarship shall be determined by the Governing Body of the University College of Science The scholarships will be awarded upon the following conditions :—

* The Syndicate (1st July, 1919) cancelled the award of the scholarships as the scholars did not avail themselves of them

1. That the recipients of the said scholarships must be very distinguished graduates of the Calcutta University of either sex and must have taken the Degree of Master of Science or Doctor of Science or have been awarded Premchand Roychand Scholarship

2 That such recipients must be unmarried and must continue so during the period they hold such scholarships, and if they contravene this condition they shall forfeit their scholarships as well as refund the whole of the amount of the pecuniary benefit they have received in respect of their scholarships, with interest at the rate of not more than 6 per cent per annum

3 Before proceeding aboard such recipients must insure their lives in favour of the Calcutta University for such amount and in such manner as the Governing Body of the University College of Science may determine and the premium in respect of such insurance shall be payable by the recipients out of the amount of scholarships so awarded to them

4 The said recipients shall not during the period they may hold the said scholarships, enrol themselves as members of any of the Inns of Court or attempt to qualify themselves for any of the branches of the legal profession and if such recipients contravene this condition they shall forfeit their scholarships as well as refund the whole of the pecuniary benefit thereunder, as aforesaid, with interest at the rate of six per cent, per annum

5 No one shall be eligible for the above scholarships, whose knowledge of the language of the country in which his or her researches or investigations have to be prosecuted, is not such as to enable him or her to intelligently prosecute such researches or investigations in that country

6 The period during which such scholarships shall be tenable shall be determined by the said Governing Body of the University College of Science and it shall be competent to them to extend to such period if they deem such extension beneficial

7 If the said governing Body of the University College of Science are satisfied that the recipients of any such scholarship is not diligently prosecuting his or her researches or investigations or is misbehaving himself or herself, it shall be competent to the said Body to stop payment of his or her scholarship either temporarily or permanently as they may think fit

8. The right of nomination for any of the aforesaid scholarships shall be with the said Governing Body

9 The University shall require each of the recipients of such scholarships before proceeding abroad, to enter into a Bond with them to refund such sum as may be spent for him or her in respect of his or her scholarship together with interest on the total amount spent at a rate not exceeding six per cent per annum from the date or dates of expenditure within such time and on such conditions as the said University may think fit, provided always that the said University may, in any case forbear enforcing such Bond as to any part or the whole of the money secured thereby as the said University may in their discretion think fit

10 Should the said Governing Body at any time be unable, for want of suitable candidates or for any other reason to apply the monies allotted to such scholarships, the University shall accumulate the same and apply the same for the purposes of such scholarships thereafter and all monies recovered under the Bonds aforesaid shall be applicable to the provision of such scholarships as hereinbefore mentioned.

SCHOLARS

1919 { Snehamay Datta, M Sc
Jnanendrachandra Ghosh, M.Sc
Jnanendranath Mukhopadhyay, M.Sc

1920 Krishnadas Bagchi, M Sc

XII

University Buildings.

The University had no local habitation of its own, since its foundation in 1857 till 1872 During this period the University had to transact its business in rented houses In 1864 the site to the west of the College Street, facing the tank to the south of the Hindu School and the Sanskrit College, was selected for the University Buildings The Public Works Department, Bengal, who was entrusted with the work of constructing the Building on the land, submitted in 1866 an estimate amounting to Rs 2,52,221 and instruction were issued by the Government of India to take up the work in hand at once The Buildings known as the "SENATE HOUSE" were completed by the end of the year 1872 at a cost of Rs 4,34,697 and the University took possession of them early in 1873

The Darbhanga Library Building has been built on the land to the west of the Senate House at a cost of over Rs 8,00,000, of which two lakhs and a half have been contributed by the Hon'ble the Maharaja of Darbhanga and the remainder has been met out of Government grant of Rs 3,00,000 and by a contribution of about double the amount from out of the Reserve Fund of the University The Building accommodates the University Library, the University Law College, the University Classes in various subjects, the Registrar's Office and also provides Residential quarters for the Principal of the University Law College The top floor which is utilised for holding the University Examinations accommodates about 700 candidates

The building on the land, to the south of the Darbhanga Library Building measuring about a bigha, and a half, purchased at a cost of Rs 1,50,000 by the University out of its Reserved Fund, has cost the University over Rs 4,00,000 of which three lakhs have been met out of Government grant of three lakhs and the remainder out of the Reserve Fund of the University The building has been constructed for the purpose of providing Hostel accommodation to the Hindu students of the University Law College who do not live with their parents or guardians It has been named "University Law College Hardinge Hindu Hostel" after the name of the then Chancellor of the University, and it provides accommodation for over 150 students The Hostel is under the direct supervision of the Principal of the University Law College, subject to the general control of Governing Body of the College, whose proceedings are laid before the Syndicate for confirmation

The University Press is located in the shed to the immediate west of the Senate House, originally erected to accommodate the Law Classes of the University Law College temporarily, pending the completion of the Darbhanga Library Building to which the College has been permanently removed

The fish market, known as Madhab Babu's Bazar and situated to the south of the Senate House, has been acquired out of the Government grant of Rs 8,00,000 The land measures over 3 bighas It is proposed to construct on the land a building which will provide Examination Halls and Lecture Rooms

XIII

Maharaja Sir Rameshwer Singh of Darbhanga University Library.

Babu Joykissen Mookerjee, of Uttarpara, made a donation of Rs 5,000 to the University on the 20th July, 1869, for the purpose of forming a Library The amount was invested in 4 per cent securities till the completion of the University buildings

In 1874 the sum of Rs 3,500 was added to the Library Fund from the surplus income of the University of that year and the Syndicate having thus at their disposal more than Rs 9,000, appointed a Committee to report on the steps it was advisable to take to form a Library The Committee reported (see Minutes, Vol XVIII, page 22) that they thought "if desirable to begin with procuring such books as shall render the Calcutta University Library *Supplementary to the other Libraries now existing in Calcutta*" The general principles laid down by the Committee, and the mode of procedure they proposed for adoption, were approved by the Syndicate , and further transfers have, from year to year been made to the Library Fund from the surplus income of the University Several instalments of books have been received, and the Library now contains besides English works of reference, and of the chief authorities on the Indian antiquities, fairly complete sets of the Sanskrit, Arabic, Latin, French and German classics

In 1908 the Hon'ble Sir Rameshwar Singh, K C I E, Maharaja Bahadur of Darbhanga, made over to the University a sum of rupees two lakhs and a half for the construction of a building in which the Library might be located This munificent gift was accepted by the Senate with thanks' and it was decided to name the Library after the Maharaja, who was subsequently nominated an Honorary Fellow for life, as an eminent benefactor of the University

The following Rules for the management of the University Library have been approved by the Syndicate —

RULES FOR THE MANAGEMENT OF THE UNIVERSITY LIBRARY, UNDER SECTION 5, CHAPTER XXVIII OF THE NEW REGULATIONS

1 The Library is for the use of Resident Fellows, University Professors Assistant Professors, Assistants to Professors, Readers, Lecturers, Assistant Lecturers of the University, Resident Registered Graduates, students of University Post Graduate Classes and Research Students working under University Professors, and they alone have the privilege to use it subject to the present rules and to such further rules and orders as may be agreed to by the General Committee under Section 5 (1) of the Regulations of the University

2 (*a*) Persons who are neither Resident Fellows of the University nor University Professors, Assistant Professors, Assistants to Professors, Readers, Lecturers, Assistant Lecturers of the University, Resident Registered Graduates, students of University Post-Graduate Classes and Research Students working under University Professors may receive special permission from the Syndicate to

use the Library for the purpose of Literary or Scientific Research Such permission will be granted on the recommendation of the Executive Committee

(*b*) In recommending any person to the Syndicate under this rule, the Executive Committee shall specify in writing, for the information of the Syndicate, the grounds on which they base their recommendation

3 Subject to the exceptions specified in Rule 5, Resident Fellows, University Professors Assistant Professors, Assistants to Professors, Readers, Lecturers Assistant Lecturers Resident Registered Graduates and Research Students working under University Professors and such other persons as are allowed to make use of the Library under Rule 2 and who reside in Calcutta, may borrow and temporarily remove from the Library such books as they may require on the following conditions —

(*a*) In this rule the term 'volumes' shall include pamphlets and parts of works separately sewn

(*b*) Resident Fellows will be entitled to take out up to ten volumes at a time

(*c*) Under special circumstances Resident Fellows may, with the sanction of the Executive Committee take out more than ten volumes

(*d*) Resident Registered Graduates and Research Students working under University Professors will be entitled to take out not more than four volumes at a time and in order to be allowed this privilege, will have to make a deposit of Rs 25 The Registrar may, in the case of specially valuable books and with the sanction of the Executive Committee, ask for a special deposit

(*e*) Persons who are allowed to make use of the Library under Rule 2 and who reside in Calcutta, may take out books on the same conditions as Resident Registered Graduates

(*f*) University Professors, Assistant Professors, Readers, Lecturers, Assistant Lecturers, and Assistants to Professors, will, during the time they hold office be entitled to the same privileges as Resident Fellows

(*g*) No book shall be issued and delivered except to the authorised borrower in person or to some one having written authority from him to receive it on behalf of the authorised borrower

(*h*) Every volume borrowed shall be returned to the Library within two calendar months of the date on which it was removed from the Library In case any borrower fails to return any book within this period a notice shall be sent to him by the Librarian calling for the return of the book

(*i*) If a book called for under the previous section be not returned within one week after the receipt of the Librarian's notice, the person who has borrowed the book from the Library shall be subject to a fine of one rupee for each volume so retained, and to a further fine of an equal amount for each additional week that he may retain it after the expiration of the second week

(*j*) Subject to the provisions of rules 4, 5 6 and 7, a book returned to the Library may be again borrowed by the same person, provided that no other Fellow or person entitled to use the Library has lodged with the Librarian an application for the same work. If such application has been made the book may not be taken out by the original borrower until returned by the second applicant

4 The privilege of any Fellow or other person to use the Library shall be suspended so long as he retains any book which, under these rules, he is not entitled to retain, or so long as he leaves unpaid any fine which may have been imposed on him under rules, 3, 6 and 7

5 (*a*) Books which are valuable on account of their rarity or which belong to a series and which, being out of print, it may be difficult or impoisible to replace if lost, or books required for constant reference shall not be removed from the Library

(*b*) A list of the works excluded from removal under this rule shall be drawn up by the Executive Committee, and will be subject to revision and extension from time to time

6 (*a*) The Librarian shall report to the Executive Committee all cases to which books have been mutilated, disfigured by writing on the margin or otherwise injured while in the possession of readers

(*b*) Any person guilty of such an offence shall be required to replace the injured by an uninjured copy of the book, and shall be liable to the cost of its proper binding and other charges Further, he shall be fined and suspended from the privileges of the Library at the discretion of the General Committee

7 (*a*) A general inspection of the Library and of the record of books issued and returned, shall be made annually in the first week of May by the Executive Committee, or by one or more members of the Committee deputed by them for that purpose

(*b*) During this period of inspection the Library shall be closed and all books whatever and by whomsoever borrowed shall be returned to the Library by the 31st March of each year

(*c*) Any person who fails to return, in accordance with this rule, all books borrowed by him, shall be subject to a fine of not less than two rupees for each volume retained and if such volume is not returned before the expiration of one week after the last day of inspection, a further fine of an equal amount shall be imposed for each volume, for each additional week until that volume is returned or until a copy of the same edition and of equal value is placed in the Library in its stead, and all expenses connected therewith paid by the borrower

8 The Library shall be closed on Sundays and all public holidays and on all days for holding public examinations Subject to the exception under Rule 7, it shall be opened on other days between the hours at 7 A M and 7 P M

XIV.

University College of Science and Laboratories.

The following scheme for the management of the University College of Science was sanctioned by the Senate at their meeting held on the 15th February, 1919

1. That the Senate shall annually appoint a Governing Body for the administration of the University College of Science

2 That the Governing Body shall consist of

(*a*) Members of the Governing Body of the Palit Trust

(*b*) Members of the Board of Management of the Ghosh Fund

(*c*) University Professors attached to each department of the College

(*d*) Representatives of the University Lecturers attached to each department of the College

(*e*) Representatives of Investigators, if any, engaged in research in each department of the College

The Senate shall, for this purpose, specify from time to time, the various departments of the College

The number and mode of selection of representatives in the fourth and fifth categories mentioned above shall be determined by the Senate from time to time

3 That the Vice-Chancellor shall be *ex-officio* President of the Governing Body The Senate shall also appoint a Vice-President, a Secretary and fix the quorum for a meeting

4 That the affairs of the College shall be administered by the Governing Body, subject to such rules as may be framed in that behalf by the Senate from time to time

Provided that—

(1) All matters arising out of or in any way relating to the Sir Taraknath Palit Trusts shall, in the first instance, be considered and reported on by the Governing Body mentioned in the Trust Deed of the 15th June, 1912, before they are considered by the Syndicate or the Senate

(2) All matters arising out of or in any way relating to the Sir Rashbehary Ghosh Endowment shall, in the first instance, be considered and reported on by the Board of Management mentioned in the letter of the Founder, dated the 8th August, 1913, before they are considered by the Syndicate or the Senate

5 That Proceedings of the Governing Body shall be placed by the Syndicate before the Senate with such observations as the Syndicate may consider necessary and shall be subject to confirmation by the Senate

6 That each department of the College shall, not less than six months before the commencement of the academic year, provisionally formulate its programme of work and shall, at the same time specify as accurately as practicable its requirements and the financial provision to be made therefor The programme shall be drawn up and the requirements formulated conjointly by all the University Professors and the University Lecturers attached to the college in that department Any professor or lecturer may, if he so desires, submit a separate memorandum either by way of dissent from the decision of the majority or for elucidation of special points

The schemes so drawn up, together with the separate memoranda, if any, shall be placed before the Governing Body of the Palit Trust and the Board of Management of the Ghosh Fund for opinion The papers shall then be, placed before the Governing Body of the College which will make recommendations thereon for the consideration of the Syndicate The Syndicate shall obtain a report from the Board of Accounts on the financial aspect of the proposals, and shall thereafter place the matter before the Senate with such recommendations as may be deemed desirable The decision of the Senate shall be communicated through the Governing Body of the College, to the Professors and Lecturers attached to each department They shall thereupon draw up the final programme of work modifying the provisional scheme, where necessary, in view of the decision of the Senate The final scheme shall be transmitted to the Governing Body of the College after reference to the Governing Body of the Palit Trust and Board of Management of the Ghose Fund, and shall be subject to confirmation by the Governing Body of the College

7 That the Governing Body of the College shall annually appoint a small standing committee in each department to supervise and regulate the actual expenditure of the sum allotted to that department by the Senate other than the sum provided for contingencies and like items the nature and amount whereof will be defined by rules

Provided that—

When a special research grant is made by the Senate for a University Professor the sum shall be at his disposal and the standing committee shall have no concern whatsoever with the question of its expenditure

The standing committee for each department shall consist of—

(1) The University Professors attached to that Department of the College.

(2) Representatives of the University Lecturers attached to that department of the College

(3) One or more persons not included in either of the previous categories

The number and mode of selection of the persons mentioned in the second and third categories shall be determined by the Senate from time to time

Each standing Committee will have authority to sanction expenditure from the grants made by the Senate and will submit to the Governing Body of the College a monthly statement showing in detail the expenditure so sanctioned

Each Standing Committee will elect its Chairman and also appoint one of its members to act as Secretary who will keep a record of the business transacted by the Committee

8 That the Governing Body of the College shall annually appoint a Standing Committee for the management of the workshop The workshop Committee shall consist of at least one representative of each department One of the members shall be appointed to act as Secretary and to exercise executive authority No person shall hold the office of Secretary consecutively for more than two years

The Standing Committee shall, subject to the sanction of the Governing Body of the College, draw up, from time to time, general rules for the management of the workshop, including rules for the distribution of work, the allocation of workmen to meet the requirements of the various departments or of individual Professors, Lecturers, or Investigators, and for like purposes

9 That the Governing Body of the College shall annually appoint a Standing Committee for the management of the special Library attached to the College The Committee shall consist of at least one representative of each department and will act in accordance with such rules as may be framed for the purpose by the Governing Body

GOVERNING BODY OF THE UNIVERSITY COLLEGE OF SCIENCE

In accordance with the Scheme for the management of the University College of Science adopted by the Senate, the undermentioned gentlemen have been appointed to the Governing Body of the College of Science for the year 1920-21

The Hon'ble the Vice Chancellor—*President*
The Hon'ble Sir Asutosh Mookerjee, Kt, C S I—*Vice-President*

Members of the Governing Body of the Palit Trusts.

The Hon'ble the Vice Chancellor
The Director of Public Instruction, Bengal
The Dean of the Faculty of Science
The Dean of the Faculty of Engineering
Dr P Bruhl, D Sc, F C S, F G S, I S O
Prof J R Banerjea, M A, B.L
Rev. Dr J Watt, M A, D D
Mr Janakinath Bhattacharyya, M A B L
The Right Hon'ble Lord S P Sinha of Raipur, P C, K C
The Hon'ble Mr Justice B K Mallick, I C S
The Hon'ble Sir Nilratan Sircar, Kt, M A, M D
The Hon'ble Sir Asutosh Mookerjee, Kt, C S I
Sir P C Roy, Kt, C I E
Prof. C V Raman, M A

Members of the Board of Management of the Ghose's Endowments

The Hon'ble the Vice Chancellor
The Director of Public Instruction, Bengal
The Dean of the Faculty of Science
The Dean of the Faculty of Engineering
Dr Sudhansukumar Banerjee, D Sc
Prof D M. Bose, M A, Ph D
Dr P C Mitter, M A, Ph D
Prof S P Agharkar M A
Principal Heramba chandra Maitra, M A
Principal G C Bose, M A
Prof. S C Mahalanobis, B Sc, F R S E
Mr J C Ghosh, M A
The Hon ble Sir Ashutosh Mookerjee, Kt., C S I

Sir P. C. Roy, Kt, C I E
The Hon'ble Mr. Mahendranath Ray, C I E., M A, B.L.

University Professors

Dr P Bruhl, D Sc, F C S., F.G S, I S O
Prof S. Maulik, B.Sc

Representatives of the University Lecturers —

Mr Nalinimohan Bose, M Sc Mr Nikhilranjan Sen, M.A	Applied Mathematics
Mr. Susilkumar Acharyya, M Sc. „ Sisirkumar Mitra, M Sc	Physics
Dr. Rasiklal Dutt, D Sc. Mr. Priyadaranjan Ray, M Sc	Chemistry
Mr S N Bal, M Sc.	Botany
Dr Harihar Ganguli, M D	Zoology
Mr Manmathanath Banerjee, Dr. Narendranath Sengupta, Ph D	Experimental Psychology

Representative of the Department of Bio-chemistry —

Dr. Rai Upendranath Brahmachari, Bahadur, M A, M D, Ph D

University Laboratories

The princely gift of the late Sir Taraknath Palit, Kt, D L. and Sir Rashbehary Ghose, Kt, C.S.I., C.I.E, M A, D L, Ph D, have enabled the University to start the University College of Science, and the Laboratories of Physics, Chemistry, applied Mathematics and Experimental Psychology have been equipped in the Science College Buildings at 93 Upper Circular Road

The Biological Laboratories have been equipped in the buildings and the surrounding grounds of No 35 Ballygunj Circular Road which was the residence of the late Sir Taraknath Palit, and a University Professor of Botany and University Professor of Zoology have been appointed by the Senate

XV

Foreign Universities and their Examinations

(1) UNIVERSITY OF OXFORD

In the Convocation of the Oxford University held on June 3rd, 1902, the following Revised Statute on Colonial and Indian Universities was approved :-

Whereas it is expedient, (1) to provide for the making of regulations for carrying into effect the provisions of the Statute on Colonial and Indian Universities, (2) to enable candidates from those Universities under certain conditions to offer themselves for examination in any Honour School of the Second Public Examination, and to supplicate for the Degree of Bachelor of Arts without having passed either Responsions or the First Public Examination, (3) to confine the requirement of a sufficient knowledge of the Greek language to candidates from Colonial Universities, and to determine the conditions under which candidates shall be permitted to satisfy the requirement by passing approved examinations of such Universities, the University enacts as follows :—

1 Any University situated in any part of the British Dominions other than the United Kingdom may apply to this University to be admitted to the privileges of this section of the Statutes

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2 The application shall be addressed to the Vice Chancellor, who shall report the same to the Hebdomadal Council

3 The Hebdomadal Council, after considering such application and after making such enquiry as it shall deem necessary, shall if it think fit, propose to Convocation that the University so applying shall be admitted to the privileges of this section of the Statutes A University admitted to the privileges, conferred by this section of the Statutes may at any time renounce such privileges, and this University may at any time by a vote of Convocation withdraw the same from any University

4 Any member of a University so admitted, who shall have pursued a course of study prescribed by it and extending over two years and who shall have passed all the examinations incident to the course, may be admitted to the status and privileges of a Junior Colonial or Indian Student

5 Any member of a University so admitted, who shall have pursued a course of study prescribed by it and extending over three full years, and who shall have taken* Honours in the final examination incident to the course may be admitted to the status and privileges of a Senior, Colonial or Indian Student

6 It shall be the duty of the Hebdomadal Council to draw up and submit to Convocation, a statement of the conditions under which member of a University so admitted shall be deemed to have taken Honours as aforesaid Every such statement, if approved by Convocation, shall have the force of regulations made by Statute

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* *The University of Calcutta*

7 The status and privileges of a Junior Student shall be as follows —

(*a*) The term in which he is matriculated shall be reckoned, for the purpose of any provisions respecting the standing of members of the University as the fifth Term from the matriculation

(*b*) A Junior Student shall not be required to pass Responsions, or to pass in an Additional Subject at Responsions

(*c*) A Junior Student who has passed the Second Public Examination and has obtained Honours either in the First or in the Second Public Examination, shall be entitled to supplicate for the Degree of Bachelor of Arts so soon as he shall have kept statutable residence for eight Terms Provided that, if he is a Colonial Student he has shown a sufficient knowledge of the Greek language

(*d*) A Junior Student who has passed the Second Public Examination but has not obtained Honours either in the First or in the Second Public Examination, shall be entitled to supplicate for the Degree of Bachelor of Arts so soon as he shall have kept statutable residence for twelve Terms Provided that, if he is a Colonial Student, he has shown a sufficient knowledge of the Greek language

8 The status and privileges of a Senior Student shall be as follows —

(*a*) The term in which he is matriculated shall be reckoned for the purposes of any provisions respecting the standing of the University, as the fifth Term from his matriculation

(*b*) A Senior Student shall not be required to pass any part of Responsions or of the First Public Examination or any Preliminary Examination of the Second Public Examination,

(*c*) A Senior Student who has obtained Honours in the Second Public Examination shall be entitled to supplicate for the Degree of Bachelor of Arts so soon as he shall have kept statutable residence for eight Terms Provided that of he is a Colonial Student, he has shown a sufficient knowledge of the Greek language

9 Every person who, having been matriculated, desires to claim the status of a Junior or Senior Student, shall make his application through an officer of a College or Hall or of the Non-Collegiate Body, to the Secretary to the Boards of Faculties, and shall at the same time pay to the University Chest, through the Secretary, the sum of one pound or of two pounds according as he is admitted as a Junior or a Senior Student If he makes his application later than a week from matriculation, he shall pay an additional fee of one pound

10 Any person qualified to become a Junior Student on matriculation may be admitted to any part of Responsions, any part of the First Public Examination, and any Preliminary Examination in the Second Public Examination

That any member of the University of Calcutta who shall have passed the Examination at the University for the Degree of Bachelor of Arts, and shall have been placed in the First Division in two or more subjects of that Examination, shall be deemed to have taken Honours as required by the provisions of Statt Tit II Sect VIII, cl 5, October 22, 1903

The above decree will remain in force until December 31, 1915

On January 1st, 1916, the following decree will come into force instead —

"That any member of the University of Calcutta who shall have passed the Examination at the University for the degree of Master of Arts and shall have been placed in the First or Second Class in that Examination, shall be deemed to have taken Honours as required by the provisions of Statt Tit II, Sect VIII, cl. 5" (Minutes, 1st August, 1914)

11 Every person who, being qualified to become a Junior or Senior Student on matriculation, desires to have his name entered for an examination

before he has been matriculated, shall make his application to the Secretary through an officer of a College or Hall or of the Non-Collegiate Body, who shall send the name to the Secretary seven clear days before the day fixed for entering names for the examination in questions, together with—

(*a*) The statutable fee, and in addition thereto the sum of one pound or of two pounds according as the candidate claims to be qualified to become a Junior or a Senior Student,

(*b*) a declaration that the candidate in his opinion *bonafide* desires admission to his College or Hall or as a Non-Collegiate Student as the case may be and

(*c*) evidence showing that the candidate is qualified as aforesaid.

Any candidate whose name has been entered for an examination as aforesaid shall, as soon as he has been matriculated, become a Junior or a Senior Student as the case may be.

12 A Colonial Student shall be deemed to have shown a sufficient knowledge of the Greek language if he has passed —

either (*a*) one of the examinations enumerated below in the Schedule

or (*b*) such examination or examinations of his University as shall satisfy the conditions laid down under the provision of the next following clause Provided that evidence of his having satisfied these conditions shall have been produced to the Secretary within one week from his matriculation and that a registration fee of five shillings shall have been paid through the Secretary to the University Chest

13 It shall be the duty of the Hebdamadal Council to draw up a statement of the conditions under which a Member of a University which has been admitted to the privileges of this Statute shall be deemed to have shown a sufficient knowledge of the Greek language in the examinations of his University. Every such statement shall be submitted to Convocation and, if approved, shall have the force of regulations made by Statute

14 The Secretary shall have power to make and vary from time to time regulations for the admission of qualified persons to the status of Junior or Senior Students, and for enabling Junior or Senior Students, or persons qualified to become Junior or Senior Students to offer themselves for Examination under the provisions of this section provided that all such regulations and any variation in them shall be submitted to the Vice-Chancellor and Proctors for approval

15. It shall be the duty of the Secretary to keep a sufficient record of the members of the University who have the status and privileges of a Junior or Senior Student, respectively, and of the persons not yet matriculated whose names have been entered for an examination under the provision of this section and to see that no candidate is admitted to the examination or to any of the privileges of a Junior or Senior Student who has not satisfied the conditions of this section

SCHEDULE.

1 The examination in Stated Subjects in Responsions or any examination which under Tit VI, Sect 1 § 2, exempts a candidate from Responsion

Add p 1026 [1898]

2 The examination in additional subjects in Responsion, the subject offered being a Greek book, or any examination, including Greek, which is accepted by the University as equivalent to the examination

3. The examination of candidates in the Greek language only at Responsions.

4 The examination of candidates not seeking Honours in the First Public Examination

5. The examination of candidates for Honours in Greek and Latin Literature in the first Public Examination

6 The Preliminary Examination in the Honour School of Jurisprudence provided that the candidate satisfies the Examiners in a Greek book in that Examination

7 Groups A I and D of the examination of candidates who do not seek Honours in the Second Public Examination

8 and 9 The Honour Schools of Literae Humaniores and of Theology in the same Examination

(II) UNIVERSITY OF CAMBRIDGE.

On the 31st May, 1915, the following revised Regulations were adopted by the Senate of the University of Cambridge for the affiliation of the Calcutta University —

1 That the University of Calcutta be adopted as an institution affiliated to the University of Cambridge

Provided (1) that he has, in accordance with the Regulations of that University studied for not less than two years at one or more institutions for the education of the adult students affiliated up to the standard of graduation, and (2) that he has in the Matriculation Examination or in some higher examination of the University of Calcutta satisfied the examiners in Greek, Latin Sanskrit, Arabic, Persian or Pali, and (3) that he has passed in the first division in the Intermediate Examination in Arts or in Science or has passed in honours in the final examination for the degree of Bachelor of Arts or Bachelor of Science or has passed the examination for the degree of Master of Arts or Master of Science

(III) UNIVERSITY OF DUBLIN

Arts Studies

The University of Dublin is prepared to recognise the Arts Studies of the following Colonial and Indian Universities and such others as the Board and Council may, from time to time, direct to be added to the list —The Universities of Adelaide Allahabad, Bombay, Calcutta, Cape of Good Hope, Madras, Melbourne, M'Gill (Montreal), New Brunswick, New Zealand, Punjab, Sydney, Tasmania, Toronto

Any student producing the proper Certificates that he has passed two years in Arts studies at such Universities, or has passed the examinations belonging to that period, will be entitled to put his name on the College Books as a senior Freshman, a student with one years credit, with this reservation, that if the Course of Arts which he has pursued does not include all the subjects of the Junior Freshman year, the Senior Lecturer may require him to qualify by examination in the omitted subject or subjects within one month after his name has been entered on the Books

Furthermore, the Senior Lecturer is authorized by the Board, upon due inquiry, to admit students who have passed the Matriculation Examination of the University of Cape Colony, without further examination.

Medical Studies

The Board, on the recommendation of the Medical School Committe have adopted the following Resolution (January 13, 1900) —

"That, in Medical Schools recognized by the University of Dublin, two consecutive *annii medici* taken at any period during the four years, of the medical

Curriculum, be recognised as qualifying for admission to the Examinations of the School of Physics"

"The Medical Schools which the Board and the School of Physic" are now prepared to recognize are—

In India—Madras, Bombay Lahore, Calcutta
In Australia—Melbourne, Sydney, Adelaide
In Ceylon - Colombo
In New Zealand— Otago
In Canada—Montreal (M Gill), Toronto
In Tasmania—Hobart

(IV) UNIVERSITY OF EDINBURGH

Medical Preliminary Examination

The attention of candidates who may intend to proceed to the Degrees of M B and Ch B of the University of Edinburgh is specially directed to the following regulation regarding the Medical Preliminary Examination which it is necessary to pass before entering upon the Course of Study for the Degrees —

"Before commencing medical studies each student must pass a Preliminary Examination in—

1. English,
2. Latin,
3. Elementary Mathematics,
4. Greek or French or German,

provided always that in the case of a candidate whose native language is not English, an examination in the native language of the candidate may be substituted for one in either French or German, and an examination in any other classical language for one in Latin or Greek"

The following examinations, in so far as they include the subjects above stated, are accepted as exempting from the Medical Preliminary Examination —

University of Calcutta—First Examination in Arts
Madras—First Examination in Arts
Bombay—Matriculation Examination
Allahabad—Intermediate Examination in Arts
Punjab—Intermediate Examination in Arts

(V) THE UNIVERSITY OF LIVERPOOL

Regulations for the admission of Foreign, Indian and Egyptian Under-graduate Students

1. Applications for registration from Foreign, Indian and Egyptian under-graduate students shall be received before June, 1, in each year, and shall be accompanied by reference.

2. In respect to Indian and Egyptian under-graduate students, the India Office and the Egyptian Educational Mission respectively shall certify as to the character, educational qualification and suitability of such students

3. Applications for admission from such students shall be reported upon by the Applications Committee of Senate before the end of the session, after report from the Faculty concerned

The above Regulations will come into operation during session 1920-21 and do not apply this year

Recognition of the Local Examinations of the Cambridge University by the Calcutta University.

On the recommendation of a Committee consisting of the Hon'ble Sir Nilratan Sarkar, Kt M A, M D, Mr B Heaton, the Hon'ble Mr. W C. wordsworth, M A and Mr J N Das Gupta, B A (Oxon), the Syndicate at their meeting held on the 6th November, 1918 have adopted the following Resolutions —

(*a*) That a student who has passed the Cambridge Senior Local Examination in English Composition and Literature, (Arithmetic, Geometry, Algebra) Mathematics, a classical language and any two of the following —History, Geography, Trigonometry with Analytical Geometry or Calculus, Applied Mathematics, Chemistry, Physics, Experimental Science, Physical Geography, may for the purpose of admission to the examinations and courses of this University be regarded as having passed the Matriculation Examination (provided the requirements of the existing Regulation about age are satisfied)

(*b*) That in the case of women the classical language be interpreted as any language other than English or an Indian Vernacular and Mathematics be as Arithmetic together with Botany or Physical Geography

(*c*) That any non European applying for exemption from the Matriculation Examination under the foregoing Regulation may at the discretion of the Syndicate be required to give evidence or proof of proficiency in his vernacular

II (*a*) That a student who, having passed the Matriculation Examination of this University of any examination that may be recognised as equivalent to the Matriculation Examination of the University, and who after a further course of study recognised as satisfactory by the University has passed the Cambridge Higher School Certificate Examination in Group II offering (1) Latin or French or German or an oriental classical language (2) English including (*a*) Shakespeare (*b*) English Literature (*c*) Prescribed Books in the English Essay, compulsory on all candidates and in two of the following subsidiary subjects (1) Logic (2) Mathematics (3 papers) (3) English History or English Colonial History and Modern European History or Greek History or Roman History (any two) (4) Physics or Chemistry or Botany or Physical Geography, shall for the purpose of Admission to the courses and examinations of this University be regarded as having passed the Intermediate Examination in Arts.

(*b*) That any non-European applying for exemption from the Intermediate Examination in Arts under the foregoing regulation may at the discretion of the Syndicate be required to give evidence of proof of proficiency in his vernacular

III (*a*) that a student who, having passed the Matriculation Examination of this University or any examination that may be recognised as equivalent to it, and who after a further course of study recognised as satisfactory by the University, has passed the Cambridge Higher School Certificate Examination in Group IV offering,

(*a*) *either* Physics and Chemistry *or* Experimental Science with Botany or elementary Biology or Physical Geography and Geology, (*b*) subsidiary subject—English Literature (with compulsory English Essay), (*c*) two of the following subsidiary subjects, Mathematics (3 papers), Botany, Physical Geography, may for the purpose of admission to the courses and examinations of this University be regarded as having passed the Intermediate Examination in Science (b) that any non-European applying for exemption from the Intermediate Examination in Science under the foregoing regulation may at the discretion of the Syndicate be required to give evidence or proof of proficiency in his vernacular.

IV That while the present rule as to age for admission to the Matriculation Examination of this University remains in force exemption granted under these regulations shall not entitle any one to sit for the Intermediate Examination under the age of eighteen years, and the final under the age of twenty years, and that any modification of the present rule shall be followed by a suitable modification of this regulation

V That the existing regulations granting exemption under certain conditions from the Matriculation and Intermediate Examinations to students who have passed the Cambridge Senior Local Examination shall be applicable only to those who have passed this examination in or before 1918

General Council of Medical Education & Registration of the United Kingdom.

The General Council of the Medical Education and Registration of the United Kingdom have accepted the following proposal made by the University of Calcutta —

"That a candidate who has passed the Matriculation Examination of the Calcutta University in the first division (*i e* with an average of at least 50 per cent) with the following subjects, *viz*—(1) English, (2) Mathematics, (3) Classical Language, (4) Vernacular Language, (5) History and (6) Geography, or has passed the Intermediate or the Final Examination for the Bachelor's Degree in Arts or Science, be considered to have passed a Preliminary Examination in general knowledge such is demanded by the General Council of Medical Education and Registration of the United Kingdom from Students entering upon Medical Study

FORM OF CERTIFICATE FOR THE USE OF THE INDIAN AND COLONIAL UNIVERSITIES AND COLLEGES

Name of Examining Body . .. .

This is to Certify that .. . .

passed the ... . . . Examination conducted

by .. , on the

of .. 19 .... and that the Examination include the following subjects—

(*a*) ENGLISH

(*b*) LATIN

(*c*) MATHEMATICS

(*d*) (*Optional Subject, viz*, GREEK or a MODERN LANGUAGE)

It is further certified that this Examination satisfied the conditions laid down by the GENERAL MEDICAL COUNCIL for its recognition

Date..... . (Signed . . . .

Officer (Dean, Registrar, etc)

In the case of Natives of India or other Oriental countries, whose vernacular is other than English, an examination in a Classical Oriental Language (e g, Sanskrit, Arbic, Chinese) may be accepted as equivalent to an examination in Latin.

XVI.

Nominations to the Public Services.

Extract from the Rules for the recruitment of the Executive Branch of the Provincial Civil Service

Rule 12.—The Syndicate of the University will be invited annually to nominate from graduates of high character and of great academical distinction The nominations will be made, subject to the restriction* laid down in condition V under paragraph 3 of the resolution of the Government of India, Nos 1046—1058, dated the 19th August, 1910, in accordance with the conditions laid down in rules 8, 9 and 10 From amongst these or from amongst graduates previously nominated by the Syndicate and who have not passed the age of 25 years, the Governor in Council will, after enquiry, select two persons to be Probationary Deputy Magistrate '

* "V —Admission to the Provincial Civil Service should usually be confined to persons who are natives of the province or have definitely settled in it, in the case of candidates who are not natives of the province recent residence of at least three years in the province should, as a general rule, be an essential condition of admission * * '

EXTRACT FROM THE REVISED RULES FOR THE RECRUITMENT OF THE EXECUTIVE BRANCH OF THE PROVINCIAL CIVIL SERVICE

Rule 12.—The Syndicate of the University will be invited annually to nominate, by a date not later than the 1st October of each year, two graduates of high character and of great academical distinction for each of the appointments to be filled on their nominations as may be declared under rule 3 The nominations will be made in accordance with the conditions laid down in rules 8, 9 and 10 From amongst these or from amongst graduates previously nominated by the Syndicate and who have not passed the age of 25 years, the Governor in Council will, after enquiry, select as many persons as there are appointments to be made on the nomination of the Syndicate to be Probationary Deputy Collectors

Rule 8 (*a*)—The indispensable qualifications for a candidate for appointment by recruitment are (1) that he is a natural-born subject of His Majesty or of a Native State, (2) that he is not under 20 or over 25 years of age on the 31st December of the year to which the nomination relates, (3) that he is of good character, (4) that he is a graduate, and (5) that he is of sound health good physique and active habits and free from organic defect or bodily infirmity '

(*b*) In the case of candidates who are not natives of the Presidency, recent residence of at least three years in it should, as a general rule, be an essential condition of selection No Barrister, Advocate or Pleader should be appointed as such unless he has been at least three years actually practising his profession in India and can speak the vernacular of the Presidency

Rule 9.—Europeans who do not satisfy the definition of Native of India, contained in section 6, Statute 33, Victoria, Chapter 3, are not eligible for appointment to the Provincial Service, without the previous sanction in each case of the Government of India With such sanction they may be appointed, if they satisfy the conditions laid down in rule 8 (*a*) and (*b*).

Rule 10.—All candidates for appointment by recruitment must furnish satisfactory evidence that they possess a thorough knowledge of Bengali Candidates who have not already passed some recognised examination in the subject will be required to pass a special examination before admission The object of the examination will be to test the candidate's general knowledge of the language and his ability to write and read the written character with facility

Rule 18 —No Member of the Provincial Service, once he has been confirmed, shall be entitled to resign his appointment without the previous sanction of Government

List of persons who were nominated by the University for appointment by Government as Deputy Magistrates, since 1905—

1905

*Amalkrishna Mukerjee, M.A
*Jatindramohan Chatterjee, M.A.
*Amarendranath Das, M A.
Panchanan Niyogi, M A
Asutosh Chattopadhyay, M A
Dhirendrakumar Mukhopadhyay, M A
Purnachandra Bhattacharyya, M A
*Sitalakanta Ganguli, M A
*Surendranath Basu, M A
*Praphullachandra Ghosh, M A
Pulinbihari Das, M A
*Aswinikumar Basu, M A

1906

*Nabagauranga Basak, M A
*Jogeschandra Chaudhuri, M A
Nrityalal Mukhopadhyay, M A
Susilchandra Chakrabarty, M A
Tulsidas Kar, M.A
Subodhchandra Gangopadhyay, M A
*Arunnath Chakrabarti, M A
Upendranath Gupta, M A.

1907

*Manoranjan Maitra, M A
Nareschandra Ghosh, M A.
*Lala Asutosh, M A
Upendranath Ghoshal, M A
Nandalal Sinha, M A
Akshaykumar Dattagupta, M A
*Nazirudin Ahmad, M A
*Satischandra Majumdar, B Sc

1908

Panchanan Ghosh, M A
*Girischandra Sen, M A.
*Fakrul Hasan Kaderi, M A
*Prithwinath Mukerjee, M A

* Appointed by the Government as Deputy Magistrates

Abinashchandra Basu, M A
Bodhbihari Sarkar, M A
*Sailendranath Bhattacharyya, M A.
Padminibhushan Rudra, M A

1909.

*Girijabhushan Ghoshal, M A.
*Ahmad, M A
Abdul Hasan M Taib, M A
Kaminikumar Bandyopadhyay, M A
Nagendranath Mukhopadhyay, M A
Asutosh Mitra, M A
Rebatiraman Dutta, M A

1910

*Kalachandra Mukerjee, M A
Surendranath Sen M A
*Amarendranath Ray, M A
A G Jacob, B A
*Amanuzzaman Khan, B Sc
*Nandalal Sinha, B A
Surendranath Dasgupta, M.A
Kshitischandra Niyogi, M A
Sudhindrachandra Ray, M A

1911

Saratlal Biswas, M Sc
Jatindranath Chatterjee, M A
Lakshminarayan Chatterjee, M A
*Harendranath Dutta, M A
Siteschandra Kar, M Sc
*Nepalchandra Sen, M A
Narendranath Banerjee M A, B L
Jitendranath Datta, M A, B L
Jogendrakumar De, M A, B L
Prabodhchandra Ghosh, M A, B L
Girindranarayan Mallik, M A, B L
Asutosh Mitra M A, B L
Jatindranath Mitra, M A, B L
Mrigankabhushan Ray, M A, B L
Praphullachandra Dasgupta, M Sc

1912

*Satyendranath Datta, M A
Surendramohan Gangopadhyay, M Sc
Rameschandra Majumdar, M.A
*Satiprasanna Sarkar, M A
Abdul Hafiz M A
*Manmathanath Basu, M A

* Appointed by the Government as Deputy Magistrates

1913

Subodhchandra Mukhopadhyay, M A
*Kalidas Bagchi, M Sc
Panchanandas Mukhopadhyay, M A
Susilkumar Maitra, M A.
Sunitikumar Chattopadhyay, M.A
*Abdus Sobhan Mahmood, M Sc
*Kampta Prasad, M Sc
*Nandalal Bhaquat, B A

1914

*Gobindachandra Das, M A
Jitendraprasad Niyogi, M A

1915.

Nalinimohan Basu, M.Sc
*Digindranath Saha, M A

1916

*Jaminiprasanna Ray, M A
Sasindrachandra Kar, M A
Pramathanath De, M Sc
Raghunandan Panday, M A

1917

Pramadaranjan Dasgupta, M Sc
*Bankubihari Ghosh, M A
*Durgacharan Das, M.A
Iswar Das, M A

1918

*Sambhucharan Chattopadhyay, M.Sc
Mohitmohan Ghosh, M Sc.
Dhirendranath Mukhopadhyay, M Sc
Prankumar Mukhopadhyay, M Sc
Nripendranath Das, B.A
Rameschandra Mitra, B A

1919

*Bishnupada Bhattacharyya, M.A
Probodhchandra, Chakrabarti, M Sc.
Amalapada Chattopadhyay, M A
*Sudarsan Maitra, M A

1920.

Purnachandra Acharyya, B Sc
Nilmony Acharyya, M A
Rameschandra Ghosh, M A
Hirendrachandra Sen, M A

* Appointed by the Government as Deputy Magistrates

XVII.

INSTITUTIONS AFFILIATED to the UNIVERSITY.

(1) IN ARTS.

A. (Up to the M. A. Standard)

1. **Dacca College,** 1910, under Section 22 read with Sec. 21(3) of Act VIII of 1904 in English.

2. **Cotton College, Gauhati,** 1914, under Section 22 read with Sec 21(3) of Act VIII of 1904, in English (Group A)

B. (Up to the B. A. Standard).

1. **Presidency College,** 1857 under Act II of 1857

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects —

English (Pass and Honours), Vernacular Composition, Sanskrit (Pass and Honours), Pali (Pass and Honours), Arabic (Pass and Honours), Persian (Pass and Honours), Philosophy (Pass and Honours), Political Economy and Political Philosophy (Pass and Honours), Mathematics (Pass and Honours), Physics (Pass and Honours), Chemistry (Pass and Honours), Physiology. (Pass and Honours), History (Pass and Honours), Botany (Pass and Honours), Geology (Pass and Honours)

2. **Hughli College,** 1857, under Act II of 1857

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects —

English (Pass), Vernacular Composition, History (Pass), Sanskrit (Pass and Honours), Persian (Pass), Mathematics (Pass and Honours), Physics (Pass), Chemistry (Pass), Philosophy (Pass), Political Economy and Political Philosophy (Pass)

3. **Dacca College,** 1857, under Act II of 1857.

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects —

English (Pass and Honours), Vernacular Composition, Sanskrit (Pass and Honours), Persian and Arabic (Pass and Honours), Philosophy (Pass and Honours), History (Pass and Honours), Mathematics (Pass and Honours), Physics (Pass and honours), Chemistry (Pass and Honours), Political Economy and Political Philosophy (Pass and Honours).

4 **Krishnagar College,** 1857, under Act II of 1857

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects —

English (Pass and Honours), Vernacular Composition, Sanskrit (Pass and Honours) Parsian (Pass), Mathematics (Pass and Honours), Physics (Pass), Chemistry (Pass), History (Pass), Political Economy and Political Philosophy (Pass), Philosophy (Pass)

5. **Krishnath College Berhampur,** 1857, under Act II of 1857

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects :—

English (Pass and Honours), Vernacular Composition, History (Pass and Honours), Political Economy and Political Philosophy (Pass), Sanskrit (Pass and Honours), Mathematics (Pass and Honours), Philosophy (Pass and Honours), Physics (Pass), Chemistry (Pass)

6 **Scottish Churches College, Calcutta,** 1857, under Act II of 1857

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects —

English (Pass and Honours), Vernacular Composition, Sanskrit (Pass and Honours), History (Pass and Honours), Political Economy and Political Philosophy (Pass and Honours), Philosophy (Pass and Honours), Mathematics (Pass and Honours), Physics (Pass and Honours), Chemistry (Pass and Honours)

7 **Sanskrit College,** 1860, under Act II of 1857

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects —

English (Pass), Vernacular Composition, Philosophy (Pass), History (Pass) Sanskrit (Pass and Honours)

8 **Rajshahi College,** 1878, under Act II of 1857

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects —

English (Pass and Honours), Vernacular Composition, Sanskrit (Pass and Honours), Arabic and Persian (Pass), Mathematics (Pass and Honours), Philosophy (Pass and Honours), Physics (Pass and Honours), Chemistry (Pass and Honours), History (Pass and Honours), Political Economy and Political Philosophy (Pass)

9 **Vidyasagar College, Calcutta,** 1879, under Act II of 1857

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects —

English (Pass and Honours), Vernacular Composition, Sanskrit (Pass and Honours), Pali (Pass), Philosophy (Pass), Political Economy and Political Philosophy (Pass), History (Pass), Mathematics (Pass and Honours), Physics (Pass), Chemistry (Pass)

10 **City College, Calcutta,** 1884, under Act II of 1857

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects —

English (Pass and Honours), Vernacular Composition, Sanskrit (Pass and Honours), Persian (Pass), History (Pass), Political Economy and Political Philosophy (Pass), Philosophy (Pass and Honours), Mathematics (Pass and Honours), Physics (Pass), Chemistry (Pass)

11 **Rangoon College,** 1884, under Act II of 1857

Affiliation restricted under Section 24 (5) *of Act VIII of* 1904 *to the following subjects* —

English (Pass and Honours), Vernacular Composition, Mathematics (Pass and Honours), Chemistry (Pass and Honours), Pali (Pass and Honours), Mental and Moral Philosophy (Pass), Physics (Pass), Persian (Pass)

12 **Ripon College,** 1885 under Act II of 1857.

Affiliation restricted under Section 24 (5) *of Act VIII of* 1904 *to the following subjects* —

English (Pass and Honours), Vernacular Composition, Sanskrit (Pass and Honours), Persian (Pass), Philosophy (Pass) History (Pass), Political Economy and Political Philosophy (Pass), Mathematics (Pass and Honours), Physical (Pass), Chemistry (Pass)

13 **Bethune College,** 1888, under Act II of 1857,

Affiliation restricted under Section 24 (5) *of Act VIII of* 1904 *to the following subjects* —

English (Pass), Vernacular Composition, Sanskrit (Pass), Philosophy (Pass) History (Pass), Mathematics (Pass), Botany (Pass)

14 **Victoria College, Cooch Behar,** 1888, under Act II of 1857

Affiliation restricted under Section 24 (5) of Act VIII of 1904 *to the following subjects* —

English (Pass and Honours), Vernacular Commposition, Philosophy (Pass and Honours), Sanskrit (Pass), Mathematics (Pass), History (Pass), Political Economy and Political Philosophy (Pass)

15 **Bangabasi College,** 1896, under Act II of 1857

Affiliation restricted under Section 24 (5) *of* Act VIII *of* 1904 *to the following subjects*—

English (Pass and Honours), Vernacular Composition, Sanskrit (Pass and Honours) History (Pass), Mathematics (Pass and Honours), Botany (Pass). Physics (Pass), Chemistry (Pass), Political Economy and Political Philosophy (Pass).

16 **Brojomohan College, Barisal,** 1898. under Act II of 1857

Affiliation restricted under Section 24 (5) *of Act VIII of* 1904 *to the following Subjects* —

English (Pass and Honours), Vernacular Composition, Sanskrit (Pass), Persian (Pass), Philosophy (Pass and Honours), Mathematics (Pass), History (Pass)

17 **Diocesan College, Calcutta,** 1907, under Section 21 (3) of Act VIII of 1904 in subjects mentioned in Group A, Section 6, Chapter XXXII of the Regulations

Affiliation restricted under Section 24 (5) *of Act VIII of* 1904 *to the following subjects* —

English (Pass nnd Honours) Vernacular Composition, History (Pass), Political Economy and Political Philosophy (Pass), Mathematics (Pass and Honours), Sanskrit (Pass), Botany (Pass).

18 **Jagannath College, Dacca,** 1909, under Section 22 read with Sec 21 (3) of Act VIII of 1904 in English (Pass and Honours), Vernacular Composition, Sanskrit (Pass and Honours) Persian (Pass), Philosophy (Pass), Mathematics (Pass), History (Pass)

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following Subjects —

English (Pass and Honours), Bengali and Urdu Composition, Sanskrit (Pass and Honours), Mathematics (Pass), Persian (Pass), Philosophy (Pass and Honours), History (Pass),

19 **Judson College, Rangoon,** 1909, under Section 22 read with Sec 21 (3) of Act VIII of 1904 in English (Pass and Honours), Vernacular Composition in Burmese, History (Pass), Philosophy (Pass and Honours), Pali (Pass), Mathematics (Pass)

20 **Cotton College, Gauhati,** 1909, under Section 22 read with Sec, 21 (3) of Act VIII of 1904 in English (Pass and Honours), Vernacular Composition, Sanskrit (Pass and Honours), Persian (Pass), Arabic (Pass), Philosophy (Pass and Honours) Mathematics (Pass and Honours), History (Pass and Honours), Chemistry (Pass and Honours), Physics (Pass and Honours), Political Economy and Political Philosophy (Pass and Honours)

21 **Wesleyan College, Bankura,** 1910, under Section 22 read with Section 21 (3) of Act VIII of 1904 in English (Pass and Honours), Vernacular Composition, Sanskrit (Pass and Honours), Persian (Pass), Political Economy and Political Philosophy (Pass), Mathematics (Pass) Philosophy (Pass)

22 **Chittagong College,** 1910, under Section 22 read with Section 21 (3) of Act VIII of 1904 in English (Pass and Honours) Vernacular Composition, Sanskrit (Pass), Pali (Pass and Honours), Arabic and Persian (Pass and Honours), History (Pass), Mathematics (Pass and Honours), Chemistry (Pass) Physics (Pass) Political Economy and Political Philosophy (Pass)

23 **Serampur College,** June, 1913, under Section 22 read with Sec 21 (3) of Act VIII of 1904 in English (Pass and Honours), Vernacular Composition in Bengali, Philosophy (Pass and Honours), Sanskrit (Pass and Honours), History (Pass), Political Economy and Political Philosophy (Pass) Hebrew (Pass), Syriac (Pass), Mathematics (Pass)

24 **St Paul's Cathedral Mission College, Calcutta,** June, 1914, under Section 22 read with Section 21 (3) of Act VIII of 1904 in English (Pass and Honours), Bengali Composition, Sanskrit (Pass), History (Pass and Honours), Political Economy and Political Philosophy (Pass), Philosophy (Pass), Mathematics (Pass)

25 **Anandamohon College, Mymensingh,** 1914, under Section 22 read with Section 21 (3) of Act VIII of 1904, in English (Pass and Honours), Vernacular Composition, Sanskrit (Pass), Persian (Pass) History (Pass), Political Economy and Political Philosophy (Pass), Philosophy (Pass).

26 **Daulatpur Hindu Academy,** 1914, under Section 22 read with Sec 21 (3) of Act VIII of 1904, in English (Pass) Vernacular Composition in Bengali, Sanskrit (Pass), Philosophy (Pass), History (Pass), Mathematics (Pass).

27 **Murarichand College Sylhet,** 1916, under Section 22 read with Section 21 (3) of Act VIII of 1904 in English (Pass), Vernacular Composition in Bengali, Mathematics (Pass), History (Pass), Philosophy (Pass) Sanskrit (Pass and Honours), Persian (Pass), Arabic (Pass)

28 **Carmichael College, Rangpur,** 1917, under Section 21 (3) of Act VIII of 1904, in English (Pass and Honours), Vernacular Composition (Bengali and Urdu), Sanskrit (Pass and Honours), Persian (Pass), Arabic (Pass), Mathematics (Pass and Honours), History (Pass), Philosophy (Pass and Honours), Political Economy and Political Philosophy (Pass)

29. **South Suburban College, Bhowanipur,** 1918, under Section 22 of Act VIII of 1904 in English (Pass) Vernacular Composition, Sanskrit (Pass), History (Pass), Political Economy and Political Philosophy (Pass), Philosophy (Pass), Mathematics (Pass)

30 **Victoria College, Comilla,** 1918, under Section 22 of Act VIII of 1904 in English (Pass), Vernacular Composition, Sanskrit (Pass), Persian (Pass) History (Pass), Philosophy (Pass)

31. **St. Xavier's College,** 1920, under Section 22 of Act VIII of 1904, in English (Pass and Honours), Vernacular Composition, Philosophy (Pass), Sanskrit (Pass), Persian (Pass), Mathematics (Pass), History (Fass).

C. (Up to the Intermediate in Arts Standard)

1 **Presidency College,** 1857, under Act II of 1857

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects —

English, Vernacular Composition, Sanskrit, Pali, Arabic, Persian, Logic, History, Mathematics, Physics, Chemistry, Physiology, Botany

2 **Hooghli College,** 1857, under Act II of 1857

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects —

English, Vernacular Composition, Sanskrit, Persian, History, Mathematics, Physics, Chemistry Logic

3 **Dacca College,** 1857, under Act II of 1857

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects —

English, Vernacular Composition, Sanskrit, Arabic, Persian, History, Logic, Mathematics, Chemistry, Physics

4 **Krishnagar College,** 1857, under Act II of 1857

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects —

English, Vernacular Composition, Sanskrit, Persian, History, Mathematics, Physics, Chemistry, Logic

5. **Krishnath College, Berhampur,** 1857, under Act II of 1857

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects —

English, Vernacular Composition, Sanskrit, Arabic, Persian, Mathematics, Logic, History, Physics, Chemistry, Botany

6 **Scottish Churches College, Calcutta,** 1857, under Act II of 1857.

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects —

English, Vernacular Composition, Sanskrit, History, Logic, Mathematics, Physics, Chemistry

7. **Sanskrit College,** 1860 under Act II of 1857,

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects —

English, Vernacular Composition, Sanskrit, History, Logic

8. **St Xavier's College,** 1862, under Act II of 1857

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects —

English, Vernacular Composition, Sanskrit, Persian, Logic History, Mathematics, Physics, Chemistry.

9 **Rajshahi College,** 1878, under Act II of 1857

Affiliation restricted under Section 24(5) *of Act VIII of* 1904 *to the following subjects* —

English, Vernacular Composition, Sanskrit, Arabic, Persian, History, Logic, Mathematics, Physics, Chemistry

10 **Vidyasagar College, Calcutta,** 1879, under Act II of 1857

Affiliation restricted under Section 24(5) *of Act VIII of* 1904 *to the following subjects* —

English, Vernacular Composition, Sanskrit, Pali, Logic, History, Mathematics, Physics, Chemistry.

11 **City College, Calcutta,** 1884, under Act II of 1857

Affiliation restricted under Section 24(5) *of Act VIII of* 1904 *to the following subjects* —

English, Vernacular Composition, Sanskrit, French, Persian, History, Logic, Mathematics Physics, Chemistry

12 **Rangoon College,** 1884, under Act II of 1857

Affiliation restricted under Section 24(5) *of Act VIII of* 1904 *to the following subjects* —

English, Vernacular Composition, Pali, Latin, Persian, Mathematics, Logic, Physics, Chemistry

13 **Ripon College,** 1885, under Act II of 1857

Affiliation restricted under Section 24(5) *of Act VIII of* 1904 *to the following subjects* —

English, Vernacular Composition, Sanskrit, Persian, Logic History, Mathematics, Physics, Chemistry

14 **Bethune College,** 1888, under Act II of 1857

Affiliation restricted under Section 24(5) *of Act VIII of* 1904 *to the following subjects* —

English, Vernacular Composition, Sanskrit, Bengali, Logic, History Botany, Mathematics

15. **Victoria College, Cooch-Behar,** 1888, under Act II of 1857

Affiliation restricted under Section 24(5) *of Act VIII of* 1904 *to the following subjects* —

English, Vernacular Composition, Sanskrit, Logic, History, Mathematics Physics, Chemistry

16. **Victoria College, Narail,** 1890, under Act II of 1857

Affiliation restricted under Section 24(5) *of Act VIII of* 1904 *to the following subjects* —

English, Vernacular Composition, Sanskrit, Mathematics Logic, History

17. **Central College, Calcutta,** 1896, under Act II of 1857

Affiliation restricted under Section 24(5) *of Act VIII of* 1904 *to the following subjects* —

English, Vernacular Composition, Sanskrit, History, Logic, Mathematics

18 **Bangabasi College,** 1896, under Act II of 1857

Affiliation restricted under Section 24(5) *of Act VIII of* 1904 *to the following subjects* —

English, Vernacular Composition, Sanskrit, Logic, History, Mathematics, Physics, Chemistry, Botany

19 **Brojo Mohun College, Barisal,** 1898, under Act II of 1857

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects —

English, Vernacular Composition, Sanskrit, Persian, Arabic Logic, History, Mathematics, Chemistry

20 **Wesleyan College, Bankura,** 1907, under Section 21(3) of Act VIII of 1904 in English, Sanskrit, History, Logic and Mathematics

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects —

English, Vernacular Composition, Sanskrit, Persian, Mathematics, History, Logic, Chemistry, Physics

21 **Diocesan College, Calcutta,** 1907, under Section 21(3) of Act VIII of 1904 in subjects mentioned in Group A, Section 7, Chapter XXXI of the Regulations as well as in Geography

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects —

English, Vernacular Composition, Sanskrit, Bengali, History, Logic, Mathematics, Geography.

22 **Chittagong College,** 1869, under Act II of 1857

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects —

English, Vernacular Composition Sanskrit, Arabic, Persian, Pali, History, Mathematics, Physics, Chemistry, Logic.

23 **Midnapur College,** 1873, under Act II of 1857

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects —

English, Vernacular Composition, Sanskrit, Persian, Mathematics, Logic, History, Chemistry, Physics

24 **Burdwan Raj College,** 1882 under Act II of 1857

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects —

English, Vernacular Composition, Sanskrit, Persian, Mathematics, History, Logic

25 **Jagannath College, Dacca,** 1884, under Act II of 1857

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects —

English, Vernacular Composition, Sanskrit, Persian, Logic, Mathematics, Physics, Chemistry, History

26 **Uttarpara College,** 1887, under Act II of 1857

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects —

English, Vernacular Composition, Sanskrit, Logic, History, Mathematics, Physics, Chemistry

27. **Murari Chand College, Sylhet,** 1891, under Act II of 1857

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects —

English, Vernacular Composition, Sanskrit, Persian, Arabic, Mathematics, Logic, Chemistry, History, Physics

28. **Judson College, Rangoon.** 1894, under Act II of 1857

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects —

English, Vernacular Composition, Pali, Logic, History, Mathematics, Chemistry

29 **Krishna Chandra College, Hetampur,** 1898, under Act II of 1857.

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects —

English, Vernacular Composition, Sanskrit, History, Logic, Mathematics, Physics

30 **Edward College, Pabna,** 1898, under Act II of 1857

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects —

English, Vernacular Composition, Sanskrit, Persian, Mathematics, Logic, History, Chemistry.

31 **Victoria College, Comilla,** 1899, under Act II of 1857

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects –

English, Vernacular Composition, Sanskrit, Persian, Mathematics, History, Logic, Arabic

32 **St Paul's Cathedral Mission College, Calcutta,** 1900, under Act II of 1857

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects

English, Vernacular Composition History, Logic, Mathematics, Sanskrit Chemistry

33 **Cotton College, Gauhati,** 1902, under Act II of 1857

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects —

English, Vernacular Composition, Sanskrit, Arabic, Persian, Mathematics, History, Logic, Physics, Chemistry

34 **Daulatpur Hindu Academy,** 1907, under Section 21(3) of Act VIII of 1904 in English, Sanskrit, Logic, History and Mathematics

Affiliation restricted under Section 24(5) of Act VIII of 1904 to the following subjects

English, Vernacular Composition, Sanskrit, Mathematics, History, Logic, Physics, Chemistry, Botany

35 **Ananda Mohan College, Mymensingh,** 1909, under Section 21(2) of Act VIII of 1904 in English, Bengali and Urdu Composition, Sanskrit, Persian, History, Logic, Mathematics, Chemistry

36 **Serampur College,** 1910, under Section 21(3) of Act VIII of 1904, in English, Bengali Composition, Sanskrit, History, Logic, Mathematics, Chemistry, Hebrew, Syriac, Physics

37 **Loreto House, Calcutta,** June, 1913, under Section 21(3) of Act, VIII of 1904, in English, Mathematics, History, Botany, French.

38. **South Suburban College,** 1916, under Section 21(3) of Act VIII of 1904, in English, Vernacular Composition, Sanskrit, Mathematics, History, Logic, Botany.

39 **Carmichael College, Rungpur,** 1917, under Section 21 (3) of Act VIII of 1904 in English, Vernacular Composition (Bengali and Urdu), Sanskrit, Arabic, Persian, Mathematics, History, Logic

40. **Rajendra College, Faridpur,** 1918, under Section 21(3) of Ac VIII of 1904 in English, Vernacular Composition, Sanskrit, History, Logic, Mathematics, Arabic and Persian

41 **Bagerhat College,** 1918 under Section 21(3) of Act VIII of 1904 in English, Vernacular Composition, Sanskrit, Persian, History, Logic, Mathematics

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(II) IN SCIENCE.

B (Up to the B.Sc. Standard).

1 **Presidency College,** 1901, under Act II of 1857

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects —

Mathematics (Pass and Honours), Physics (Pass and Honours), Chemistry (Pass and Honours), Physiology (Pass and Honours), Geology (Pass and Honours) Botany (Pass and Honours)

2 **St Xavier's College,** 1901, under Act II of 1857

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects —

Mathematics (Pass and Honours), Physics (Pass), Chemistry (Pass and Honours)

3 **Scottish Churches College,** 1907, under Section 22 read with Section 21 (3) of Act VIII of 1904, in Mathematics (Pass and Honours), Physics (Pass and Honours), Chemistry (Pass and Honours)

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects —

Mathematics (Pass and Honours), Physics (Pass and Honours), Chemistry (Pass and Honours),

4 **Krishnagar College,** 1908, under Section 22 read with Section 21 (3) of Act VIII of 1904 in Mathematics (Pass and Honours), Physics (Pass), Chemistry (Pass)

5 **Dacca College,** 1918, under Section 22 read with Section 21 (3) of Act VIII of 1904, in Mathematics (Pass and Honours), Physics (Pass and Honours), Chemistry (Pass and Honours)

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects —

Mathematics (Pass and Honours), Physics (Pass and Honours), Chemistry, (Pass and Honours)

6 **Krishnath College, Berhampur,** 1909, under Section 22 read with Sec 21 (3) of Act VIII of 1904, in Mathematics (Pass and Honours), Physics (Pass and Honours), Chemistry (Pass and Honours)

7 **Rajshahi College,** 1909, under Section 22 read with Sec 21 (3) of Act VIII of 1904, in Mathematics (Pass and Honours), Physics (Pass), Chemistry (Pass)

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects —

Mathematics (Pass and Honours), Physics (Pass and Honours), Chemistry (Pass and Honours)

8 **Bangabasi College,** 1909, under Section 22 read with Sec 21 (3) of Act VIII of 1904, in Mathematics (Pass), Botany (Pass) Chemistry (Pass) Physics (Pass)

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects —

Mathematics (Pass and Honours), Physics (Pass), Chemistry (Pass), Botany (Pass)

9 **Vidyasagar College,** 1910, under Section 22 read with Sec 21 (3) of Act VIII of 1904 in Mathematics (Pass and Honours) Chemistry (Pass), Physics (Pass)

10 **City College,** 1911, under Section 22 read with Section 21 (3) of Act VIII of 1904, in Physics (Pass) Mathematics (Pass and Honours), Chemistry (Pass)

11 **Chittagong College,** 1912, under Section 22 read with Section 21 (3) of Act VIII of 1904, in Mathematics (Pass and Honours), Chemistry (Pass), Physics (Pass)

12 **Indian Association for the Cultivation of Science,** 1912, under Section 22 read with Section 21 (3) of Act VIII of 1904, in Botany (Pass)

13 **Hughli College,** 1913, under Section 22 read with Section 21 (3) of Act VIII of 1904, in Mathematics (Pass and Honours), Physics (Pass) Chemistry (Pass)

14 **Rangoon College,** 1913, under Section 22 read with Section 21 (3) of Act VIII of 1904 in Mathematics (Pass and Honours), Chemistry (Pass and Honours), Physics (Pass)

15 **Cotton College, Gauhati,** 1913, under Section 22 read with Sec 21 (3) of Act VIII of 1904, in Mathematics (Pass and Honours), Chemistry Pass and Honours), Physics (Pass and Honours)

16 **Ripon College,** 1916 under Section 22 read with Section 21 (3) of Act VIII of 1904, in Physics (Pass), Chemistry (Pass), Mathematics (Pass and Honours).

C (Up to the Intermediate in Science Standard)

1 **Indian Association for the Cultivation of Science,** 1900, under Act II of 1857.

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects —

Botany

2 **Presidency College,** 1901, under Act II of 1857

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects —

English, Vernacular Composition, Mathematics, Physics, Chemistry Physiology, Botany

3 **St Xavier's College,** 1901, under Act II of 1857

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects —

English, Vernacular Composition, Mathematics, Physics, Chemistry

4. **Scottish Churches College, Calcutta**, 1907, under Section 22 read with Section 21 (3) of Act VIII of 1904, in Mathematics, Physics and Chemistry

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects —

English, Vernacular Composition, Mathematics, Physics, Chemistry

5 **Krishnagar College**, 1908, under Section 22 read with Section 21 (3) of Act VIII of 1904, in English, Vernacular Composition, Mathematics, Physics and Chemistry

6 **Ripon College**, 1907 under Section 22 read with Sec 21 (3) of Act VIII of 1904, in Physics and Chemistry

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects —

English, Vernacular Composition, Mathematics, Physics, Chemistry

7 **Victoria College Cooch Behar**, 1907, under Section 22 read with Sec 21 (3) of Act VIII of 1904 in English, Bengali, Physics, Chemistry and Mathematics

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects —

English, Vernacular Composition, Mathematics, Physics, Chemistry

8. **City College, Calcutta**, 1907, under Section 22 read with Sec. 21 (3) of Act VIII of 1904 in Mathematics, Physics and Chemistry

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects

English, Vernacular Composition, Mathematics, Physics, Chemistry

9 **Vidyasagar College** 1907, under Section 22 read with Sec 21 (3) of Act VIII of 1904 in English, Vernacular Composition, Mathematics, Physics, Chemistry

10 **Krishnath College, Berhampur**, 1907, under Section 22 read with Sec 21 (3) of Act VIII of 1904 in English, Vernacular Composition, Mathematics, Physics, Chemistry and Botany

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects —

English, Vernacular Composition, Mathematics, Physics Chemistry, Botany.

11 **Hughli College**, 1908 under Section 22 read with Sec 21 (3) of Act VIII of 1904, in English, Vernacular Composition, Mathematics, Physics and Chemistry

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects —

English, Vernacular Composition Mathematics Physics, Chemistry

12 **Bangabasi College**, 1908, under Section 22 read with Sec 21 (3) of Act VIII of 1904, in English, Vernacular Composition, Physics Chemistry and Botany

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects —

English, Vernacular Composition, Mathematics, Physics, Chemistry, Botany

13 **Cotton College, Gauhati**, 1908 under Section 22 read with Sec 21 (3) of Act VIII of 1904, in English Vernacular Composition, Mathematics, Physics and Chemistry

14. **Dacca College,** 1908, under Section 22 read with Sec 21 (3) of Act VIII of 1904, in English, Vernacular Composition, Mathematics, Physics and Chemistry

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects —

English, Vernacular Composition Mathematics, Physics, Chemistry

15 **Rajshai College,** 1909, under Section 22 read with Sec 21 (3) of Act VIII of 1904, in English, Vernacular Composition, Mathematics, Physics Chemistry

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects —

English, Vernacular Composition, Mathematics, Physics, Chemistry

16 **Jagannath College, Dacca,** 1909, under Section 22 read with Sec. 21 (3) of Act VIII of 1904, in English, Vernacular Composition, Mathematics, Physics and Chemistry

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects —

English, Bengali and Urdu Compositions, Mathematics, Physics and Chemistry

17 **Chittagong College,** 1909 under Section 22 read with Sec 21 (3) of Act VIII of 1904, in English, Vernacular Composition, Mathematics, Physics Chemistry, Botany

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects —

English, Vernacular Composition, Mathematics, Physics, Chemistry.

18 **Dulatpur Hindu Academy,** 1909 under Sec 22 read with Sec 21 (3) of Act VIII of 1904 in English, Vernacular Composition, Mathematics Physics, Chemistry, Botany

Affiliation restricted under Section 24 (5) of Act VIII of 1904 to the following subjects —

English, Vernacular Composition Mathematics, Physics, Chemistry, Botany.

19 **Uttarpara College** 1910, under Section 22 read with Sec 21 (3) of Act VIII of 1904, in English, Vernacular Composition, Mathematics, Physics, Chemistry

20 **Rangoon College,** 1912, under Section 22 read with Section 21 (3) of Act VIII of 1904, in English, Vernacular Composition, Mathematics, Chemistry and Physics.

21 **Murarichand College, Sylhet,** 1913, under Section 22 read with Sec 21 (3) of Act VIII of 1904, in English, Vernacular Composition, Mathematics Physics, and Chemistry

22 **Wesleyan College, Bankura,** 1913, under Section 22 read with Sec 29 (3) of Act VIII of 1904, in English Vernacular Composition, Mathematics, Chemistry and Physics.

23. **Midnapur College,** 1916, under Section 22 read with Section 21 (3) of Act VIII of 1904, in English, Vernacular Composition (Bengali and Urdu), Mathematics, Physics, Chemistry

24 **South Suburban College,** 1916 under Section 21 (3) of Act VIII of 1904 in English, Vernacular Composition Mathematics, Botany

25. **Serampore College,** 1920, under Section 22 read with Section 21 (3) of Act VIII of 1904 in English, Vernacular Composition, Mathematics, Chemistry, Physics

(III) TEACHING.

A (Up to the Bachelor of Teaching)

1. **David Hare Training College**, 1908, under Section 21 (3) of Act VIII of 1904

2 **Dacca Training College**, 1910, under Section 21 (3) of Act VIII of 1904

3 **Diocesan College for Girls, Ballygunj**, 1913, under Section 22 read with Section 21 (3) of Act VIII of 1904

B (Up to the Licentiate in Teaching)

1 **Dacca Training College**, 1910, under Section 21 (3) of Act VIII of 1904

2 **Loreto House, Calcutta**, 1913, under Section 21 (3) of Act VIII of 1904

3 **Diocesan College for Girls, Ballygunj**, 1913, under Section 22 read with Section 21 (3) of Act VIII of 1904

4 **David Hare Training College**, 1918, under Section 22 read with Section 21 (3) of Act VIII of 1904

(IV) IN LAW

1 **Calcutta University Law College**, 1909
2 **Dacca Law College**, 1910
3 **Earle Law College, Gauhati**, 1914
4 **Rangoon College**, 1909
5 **Ripon Law College**, 1885

(V) IN MEDICINE.

1 **Medical College, Calcutta**, 1857
2 **Carmichael Medical College, Belgachia**, 1916

(VI) IN ENGINEERING.

1 **Bengal Engineering College, Sibpur**, 1880

Descriptions of Affiliated Institutions.

I

Presidency College, Calcutta.

His Excellency the Right Hon'ble Lawrence John Lumley Dundas, Earl of Ronaldshay, G C I E, Governor—Visitor

AFFILIATED, 1857

The Presidency College was established on the 15th June, 1855, under orders from the Honourable the Court of Directors of the East India Company The circumstances of its establishment connect it closely with the Hindu College or Mahavidyalay, founded by a number of Hindu Gentlemen, aided by Sir Edward Hyde East, Chief Justice of the Supreme Court, and opened in January, the 20th, 1817. This origin connects the Presidency College with the Hindu and Hare Schools, and more specially with the former which continues the Junior Department of the Hindu College as Presidency College continues the Senior The Graduate Scholarships attached to the Presidency College, of which particulars are given below, are a consequence of this connection being derived from the Hindu College Fund

Presidency College is thus in its beginnings carried back to the first efforts to promote liberal education in British India and is associated with David Hare and Raja Rammohan Ray who were the inspirers of the movement which led to the foundation of the Hindu College

From 1855 to the present year the Presidency College has been administered by the Education Department under the Director of Public Instruction, Bengal. In 1909 a Governing Body was constituted in accordance with Chapter XIX of the University Regulations and met for the first time Tuesday, March 8th, 1910.

In December, 1914, His Excellency Lord Charmichael, first Governor of Bengal, became the Official Visitor of the College, a title which H E Lord Ronaldshay has also consented to accept.

Courses of Study.—Post Graduate Teaching is now under the control of the University The College is affiliated to the B A Honour stage in English, Philosophy, History, Political Economy and Political Philosophy, Sanskrit, Pali Persian and Arabic, and in Vernacular Composition, and to the B Sc Honour stage in Mathematics, Physics, Chemistry, Physiology, Geology and Botany

Admission—Presidency College since its foundation has been open to all classes of the community, the only condition of eligibility being compliance with the requirements of the University Since 1907, owing to increase of numbers and in conformity with the letter and spirit of the new Regulations introduced in 1906, admissions have been strictly limited by consideration of space and efficiency of teaching

The limit fixed for the under-graduate classes is a total of 650, distributed as under —

	Arts	Science.
1st-year	65	65
2nd ,	80	85
3rd „	75	80
4th „	100	100

More particular information as to conditions of admission and choice of subjects is obtainable on application to "The Steward, Presidency College"

Admission is in all cases understood as implying an undertaking to submit willingly to the rules and discipline of the College.

Fees—The fees to be paid by ordinary students are an admission fee of Rs 10; a monthly tuition fee of Rs 12, and an annual athletic, Magazine and college union subscription of Rs 3-4as

Tuition fees are payible monthly in advance and are due for 12 months reckoning from June to May Two months' fees are consequently due at the beginning of the session (July) and are payable before admission

MUHAMMADAN STUDENTS.

A definite proportion of seats is reserved for Muhamadan candidates desirous of admission to Presidency College and the minimum standard has been fixed at 25% for the present, provided, the candidates conform to the standard of educational fitness prescribed for the purpose

Further privileges in the shape of reduced fees and Mohsin stipends to the extent of 100 and 60 respectively, are enjoyed by Muhammadan students They are granted to those eligible and are distributed in the manner indicated below —

Class	Reduced fees	Mohsin Stipends
1st Year	30	18
2nd Year	30	18
3rd Year	20	12
4th Year	20	12

The tuition fee paid by those who enjoy the privilege of reduced fee is Rs 5 per month, while those who are awarded Mohsin stipends, pay at the rate of Rs 7 a month

Mahomedan students pay the same atheletic and Magazine subscriptions as other students

Hostel—The Eden Hindu Hostel for the residence of Hindu students of the College accommodates 260 boarders Information as to conditions of admission and terms of residence is obtainable on application to 'The Superintendent, Eden Hindu Hostel"

This Hostel was originally founded by public subscriptions, the Raja of Mahishadal being the principal contributor. At first other students than Presidency College students were admissible though students of that College always formed the great majority of the boarders Since 1905, it has been an attached hostel of the Presidency College in conformity with Chapter XXIV of the Regulations. The new wing was added at Government expense in 1895, and Government has always borne the cost of maintenance

Tutorial Work—There is individual tutorial work in English (generally essay-writing) in all classes and as far as practicable in other subjects.

College Examinations—A college examination of the First and Third-year students is held each year at the end of March to determine fitness for promotion to the Second and Fourth year classes

Class exercises are set from time to time in all subjects in the under-graduate classes to give practice in written work and as a test of progress

Progress during the second year of the Intermediate, B A and B.Sc courses will be judged entirley from tutorial work, practical work and class exercises, and students will only be sent up for the University examinations if their progress is satisfactory

Vacations —The recognized vacations are The long vacation, approximately 11 weeks between the middle of April and the beginning of July The Durga Puja vacation, approximately 4 weeks between the Rains and the Cold weather

Scholarships and prizes —A number of scholarships, furnished out of the income of the Presidency College Graduate Scholarship Funds, are attached to the College The fund originated with the subscriptions contributed in 1816 for the Hindu College In 1863 it was amalgamated with three hitherto separate funds, which commemorated men eminent for their services to the cause of education The scholarships are tenable by graduates of the Presidency College in Arts or Science for two years after taking the B A or B Sc. Degree, and have since 1909 been divided into two groups of five and six scholarships respectively, awarded in alternate years

		First Group		Rs per month
1	Burdwan Scholarship of			50
2	Bird Scholarship of			40
3	Gopimohan Tagore Scholarship of			3
4	Hindu College Foundation Scholarship of			40
5	Do	Do	Do	25
6	Do	Do	Do	25
		Second Group		
1	Dwarkanath Tagore Scholarship of			50
2	Ryan Scholarship of			40
3	Hindu College Foundation Scholarship of			40
4	Do	Do	Do	30
5.	Do	Do	Do	25

The Burdwan and Gopimohan Tagore Scholarships commemorate two of the original subscribers to the Hindu College Fund The Bird, Ryan and Dwarkanath Tagore scholarships were founded later in testimonials in honour of Mr W Bird and Dr Ryan (1845-46) and Babu Dwarkanath Tagore (1849)

Three free studentships are provided out of the endowment of the late Maharaja Durgacharan Law, C I E These are at the disposal of the founder's heirs subject to the conditions recognized as qualifying for admission to the College.

Two gold medals called the Scindhia Medals and a Prize called the Gwalior Prize are awarded annually on the results of the Intermediate Examinations in Arts and Science They were the gift of H H the Maharaja Scindhia in 1870

A prize for Sanskrit called the Harischandra Kaviratna Prize is also awarded on the results of the Intermediate Examination in Arts It was founded in 1908 by subscriptions from pupils in memory of Babu Harischandra Kaviratna, for many years Professor of Sanskrit at the Presidency College

Two scholarships of the value of Rs 12 a month each, tenable for two years, are awarded annually to Hindu candidates on the results of the Intermediate Examination in Science and the Bachelor of Science Examination A prize of the approximate value of Rs 54 is also awarded annually to the Hindu student of the Second-year Intermediate Science class who shall produce the best laboratory notes on experimental work in Physics They were founded in 1912 by the

executors to the estate of Srimati Nistarini Dasi, deceased, widow of late Bolyechand Dutt of Calcutta

A gold medal called the Chandranarain Gold Medal founded in the year 1915 by Srimati Ramkumari Debi in memory of her husband the late Ray Chandra Narain Sinha, M A, is annually awarded to the student of the college who stands first among the Presidency College candidates in History at the M A Examination

Governing Body for 1920-21

The Director of Public Instruction, Bengal, *President (Ex-officio)*
The Hon'ble Sir Asutosh Mookerjee Kt, C S I *Vice-President*
Mr C W Rhodes
Hon'ble Nawab Sir Satyed Shams-ul Huda, K C I E
The Principal, *Secretary (Ex-officio)*
Mr J C Coyajee, Professor
The Bursar of the College
Dr D N Mallik, Professor

Emeritus Professor

Sir J C Bose, Kt, C S I, C I E

INSTRUCTIONAL STAFF

Principal	Mr W C Wordsworth, M A
Professor J W Holme, (Bursar)	J R Barrow, M A
Professors of English Literature	T S Sterling, M A J W Holme M A M Ghose, B A Praphullachandra Ghosh, M A. Narendra Nath Chakravarty, M A. (*Offg*) Srikumar Banerjee, M A Bhupendrachandra Basu, M A Satischandra De, M A, B L
Professors of Mental and Moral Philosophy and Logic	P D Sastri, M A, B Sc, Ph D Adityanath Mukherjee, M A Ph D Khagendranath Mitra, M A R K Datta, M A
Professors of History	E F Oaten, M A, LL B (*on deputation*) K Zachariah, B A J N Das Gupta, B A, (Oxon) Binaykumar Sen, M A Upendra Nath Ghoshal, M A
Professors of Political Economy and Political Philosophy	J C Coyajee, B A., LL B. A. C Sengupta, M A, (Edin) Panchanandas Mukherjee, M A
Professors of Sanskrit, Pali and Bengali	Asutosh Sastri, M A. Nilmani Chakrabarti, M A Harihar Banerjee, M A
Professor of Arabic and Persian	Shams ul Ulama Hedayat Hossain Maulavi Muhammad Hossain

Professors of Mathematics & Astronomy	C E Cullis, M A , Ph D (*on deputation*) D N Mallik, B A , Sc D , F R S E. Saradaprasanna Das, M A J M Bose, M A , B Sc , (Edin) Karunamay Khastgir, M Sc Hemchandra Sengupta, M A
Professors of Physics	E P Harrison, M A , Ph D (*on leave*) Vacant P C Mahalanabis, B A , B Sc (*Offg*) Hridaychandra Banerjee, M A , (*Offg*)
Professors of Chemistry	Jyotibhushan Bhaduri, M A , F C S B B Dey, M A , D Sc , (*Offg*)
Professors of Physiology	S C Mahalanobis, B Sc , F R S E Nibaranchandra Bhattacharyya, M A B Sc
Professors of Botany	J C Nag, B Sc S C Banerjee, M A Satischandra Sirha, M A
Lecturer on Geology	H P de Cotter
Demonstrators in Chemistry	Bidhubhushan Datta, M.A Asutosh Maitra, M A Hemchanda Datta Gupta, M.A Satischandra Mukherjee, M A
Demonstrators in Physics	Hridayachandra Banerjee, M A. Surendranath Maitra, M A (*on deputation*) Dwijendrakumar Majumdar, M A (*Offg*)
Demonstrators in Astronomy	Charuchandra Bhattacharyya, M A (*Offg*) Khagendranath Chakrabarty, M.Sc
Demonstrator in Geology	Hemchandra Dasgupta, M A.
Demonstrator in Physiology	Narendramohan Basu, M Sc
Demonstrator in Botany	Girija Prasanna Majumdar M Sc

Assistants to Professors

Physics	Dwijendrakumar Majumdar, M A. (*on deputation*) Charuchandra Bhattacharyya, M A (*on deputation*) Manindranath Mitra, M A Kailaschandra Chakrabarti, M Sc Kalidas Bhattacharyya, B Sc (*Offg.*) Vacant
Chemistry	Sailendralal Mitra, M A. Gangagobinda Basak, M A Subimalchandra Ghosal, B Sc.
Physiology . ..	Bijalibihari Sarkar, B Sc (*on leave*) Debendra Nath Giri, B Sc (*Offg*)
Botany	Upendra Nath Bhaduri, B Sc
Geology	Bhupendranath Maitra, M Sc

List of Principals

1855 J Sutcliffe, M A
1856 L Clint (*Offg*)
1857 E Lodge (*Offg*)
1858 J Sutcliffe M.A
1863 W Grapel (*Offg*)
1864 J. Sutcliffe. M A
1875 H Woodrow M A (*Offg*) / Charles H Tawney, M A (*Offg*) / J Sutcliffe, M A
1876 A Croft, M A (*Offg*) / Charles H Tawney, M A
1881 G Bellet, M A (*Offg*)
1882 John Elliot M A (*Offg*)
1883 Alex Pedler, F C S (*Offg*) / John Elliot, M A. (*Offg*) / G Bellett, M A (*Offg*)
1884 John Elliot, M A (*Offg.*) / Charles H Tawney M A
1885 W. Griffiths, M A (*Offg*)
1886 Charles H. Tawney, M A
1887 Alex Pedler F C S (*Offg*) / Charles H Tawney, M A / Alex Pedler, F C S (*Offg*)
1889 Charles H Tawney, M A, C I E / Alex. Pedler, F.R S (*Offg*) / F J Rowe, M A (*Offg*)
1889 Charles H Tawney, M A. C.I.E
1892 W Griffiths, M A
1896 Alex Pedler, F R S
1897 J H Gilliland, M A (*Offg*) / F J Rowe, M A (*Offg*)
1898 J H Gilliland, M A (*Offg*) / F J Rowe, M A (*Offg*) / W Booth, M A (*Offg*)
1899 A C Edwards M A (*Offg*)
1900 A C Edwards, M A
1902 P K Ray, D Sc (*Offg*) / A C Edwards, M A
1903 P K Ray, D Sc (*Offg*) / A C Edwards, M A
1904 M E Du S Prothero, M A (*Offg*)
1905 P K Ray D Sc. (*Offg*) / P K Ray, D Sc / A Macdonell, M A
1906 C Little, M A (*Offg.*)
1907 C Little M A (*Offg*) / H. R James, M A
1909 H M Percival, M A (*Offg.*) / H R James, M A
1911 C W Peake, M A. (*Offg*)
1912 H R James, M A.
1916 W C Wordsworth, M A.
1917 J R Barrow, B A. (*Offg*)

2

Hughli College.

AFFILIATED, 1857

The Institution was founded in 1836, and was originally supported from funds bequeathed by Muhammad Mohsin, a wealthy Mahomedan gentleman, who dying without heirs in the year 1806, left his large property, yielding an annual income of Rs 45,000 to Mahomedan Trustees "for the service of God." Owing to the misappropriation of the funds, Government assumed the office of Trustees The right of assumption was opposed by the original Trustees but upheld both by the Courts in India and by the Privy Council in England. The period of litigation extended over many years, during which the annual income accumulated, forming a surplus of Rs 8,61,100 The surplus was devoted to the foundation and endowment of the Hughli College and was further increased by a portion of the original zemindaree that became available on the death of one of the Mootawallees of the Hughli Imambarah, an Institution which also derives its support from Muhammad Mohsin's legacy The College endowments were further increased by the accumulation of unexpended revenue until the income amounted to Rs 51,000 per annum In 1873 the Government of India resolved to transfer the whole of the Mohsin endowment to the purpose of Mahomedan education throughout Bengal, and accordingly increased the provincial assignment of education in Bengal by Rs 50,000 a year in order to meet the expenses of the Hughli College which has now become an Institution maintained by Government

The College consists of two Departments, an English and an Arabic—and is under the control of the Director of Public Instruction Bengal The English Department is open to all students who have passed the University Matriculation Examination, the fees being Rs 6 for all

There is a Governing body for the College of which the Commissioner of the Burdwan Division is *ex-officio* President, and the Principal, *ex officio* Vice-President and Secretary

The College has, for the present, arranged to teach English, Physics Chemistry, Mathematics and Vernacular Composition for the Intermediate in Science, and for the Intermediate in Arts, English, History Sanskrit Persian Logic, Mathematics, Physics Chemistry and Vernacular Composition

For the B A provision has been made for teaching English, Sanskrit (Pass and Honours), Persian, History, Mathematics (Pass and Honours), Physics, Chemistry Vernacular Composition, Philosophy and Economics

For the B Sc provision has been made for teaching Mathematics (Pass and Honours), Physics (Pass) and Chemistry (Pass)

There are two Hostels attached to the College, one of the Hindu students and the other for the Mahomedan students There is another Mahomedan Hostel attached to the Madrasa, in which the boarding fee is Rs 3-8 subject to enhancement, according to enhanced rates of food articles

SCHOLARSHIPS STUDENTSHIPS, ETC

1 One Laha Scholarship of Rs 25 per mensem attached to this College tenable for two years either at the Presidency or the Sanskrit College or in connection with a University Course of lectures, is awarded each alternate year to a graduate of this College who is preparing within five years of his passing the Matriculation Examination, to take the M A Degree

2 One Rani Katyani Scholarship of Rs 13* per mensem tenable for two years in the Hughli College, is awarded annually to the most deserving student who has passed the I A or I Sc Examination from the College and who has not gained a Government Scholarship, but the Principal, who is the administrator of this scholarship fund is authorised to divide the scholarship into two of equal value whenever such a course may be advisable

3 One Zemindaree Scholarship of Rs 7 per mensem tenable for two years is awarded annually to the most deserving student who has passed the Matriculation Examination from the Collegiate or Branch School and who has not gained a Government Scholarship, preference being given to a student of the latter school

4 Raja Krishnadas Laha awards five studentships, each of Rs 5 per mensem, to students reading in the English Department of the College

5 Free studentships are granted by Government to really deserving students of this College

6 Three College stipends of Rs 5 each per mensem tenable for two years are awarded annually to the most deserving Mahomedan students of the First year Class (I A or I Sc) of this College

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* The value of the Scholarship was reduced to Rs 14 (*vide* letter from the Principal, Hughli College, No 585, dated 25th June 1914)

The Government of Bengal in their letter No 4746, dated the 9th December 1914 to the Director of Public Instruction, Bengal, sanctioned the reduction of the value of the Scholarship from Rs 16 to Rs 14 during 1914 1915 and to Rs 13 permanently from June 1915

Two College stipends of Rs 5 each per mensem tenable for two years are awarded annually to the most deserving Mahomedan students of the Third-year Class (B A or B Sc) of this College

No one who holds any Government or other scholarship or stipend is eligible for these stipends

These 5 College stipends were created during the year 1917-1918 out of the Mohsin Grant for short-fee payments to Mahomedan students

7 Twenty three Free Boarderships are attached to the Mahomedan Hostels, 6 of which are open to all Mahomedan students of the College who have not gained any Government or Mohsin Scholarships, and 17 students of the Arabic Department

8 Six Mohsin Scholarships tenable for one year attached to the Arabic Department, are awarded annually, two of Rs 8 two of Rs 6 and two of Rs 4 per mensem

9 A Thwaytes Gold Medal of the value of about Rs 40 is awarded annually to the graduate from this College who gains the highest number of marks in Mathematics at the B A Examination of each year

10 A Scholarship of Rs 5 per mensem, tenable for two years in the Hughli College, is awarded annually to the student of the Hughli Collegiate School who obtains the greatest number of marks in Mathematics in passing the Matriculation Examination of the Calcutta University A Scholarship of Rs 5 per mensem, tenable for two years in the Hughli College, is awarded annually to the student of the Hughli College, who obtains the greatest number of marks in Mathematics in passing the I A or I Sc Examination of the Calcutta University These Scholarships were founded by the late Babu Suryyamohan Banerjee of Jehanpara

INSTRUCTIVE STAFF

Principal and Professor of Mathematics	J M, Bottomley B A (Oxon)
Professors of History	Bipinbihari Sen, M A B L, *Seconded to the University* Nripendrakumar Datta, M A
Professors of English	Abinaschandra Basu, M A B L Girindaranath Chatterjee, M A, B T
Lecturers in English Literature	Sasimohan Chakravarti, M A
Professor of Mathematics	Hirilal Chaudhuri, M A
Professor of Physics	Purnachandra Bhattacharyya, M A
Professor of Chemistry	Gopibhushan Sen, B A
Professor of Arabic and Persian	Fida Ali Khan, M A
Professor of Sanskrit	Bhagabatkumar Goswami, Sastri, M A
Professor of Economics	Durgagati Chattoraj, M A
Professor of Philosophy	Hemchandra De, M A.
Lecturer in Philosophy and Logic	Sisirkumar Bardhan, M A, B L
Lecturer in Sanskrit	Hemchandra Banerjee, M A
Lecturer in Mathematics	Taraknath Bhattacharyya, M Sc
Demonstrator in Chemistry	Satyaranjan Dasgupta, M Sc
Demonstrator in Physics	Susilchandra Chakravarti, M A
Assistant, Chemical Laboratory	Pinkari Sur, B Sc
„ Physical „	Kalidas Bhattacharyya B Sc., *on deputation* Syamapada Bhattacharyya, B Sc (Offg)

List of Principals

1836 Thomas Alexander Wise, M A
1839 James Sutherland, M A
1839 James Esdaile, M D (*Offg*)
1842 James Sutherland, M A
1844 L Clint, B A
1846 Captain D L Richardson
1849 James Kerr, M A
1856 Robert Thwaytes, M A
1859 James Graves M A (*Offg*)
1859 E Lodge, B A (*Offg*)
1859 Robert Thwaytes, M A
1867 S Lobb, M A (*Offg*)
1868 Robert Thwaytes, M A,
1876 William Griffiths, M A. (*Offg*)
1880 William Griffiths, MA
1883 William Booth B A (*Offg*)
1883 William Griffiths, M A
1885 M Mouat, M A (*Offg*)
1888 William Griffiths, M A
1892 William Booth M A (*Offg*)
1892 William Booth, M A
1895 R. W F Shaw, M A (*Offg*)
1895 William Booth, M A
1897 P Mookerji, B Sc (*Offg*)
1897 W Billing, M A (*Offg*)
1898 Ksirodchandra Raichaudhuri, M A (*Offg*)
1898 W Billing, M A (*Offg*)
1901 R W F Shaw M A (*Offg*)
1901 W Billing, M A (*Offg*)
1902 W Billing, M A
1903 R W F Shaw, M A
1906 Edmund Candler, I. A (*Offg*
1906 H N De M A (*Offg*)
1906 J N Das Gupta B A (*Oxon Barat-Law* (*Offg*)
1909 Bipinbihari Gupta, M A
1911 Saradaprasanna Das, M A (*Offg*)
1915 J M Bottomley B A (Oxon)
1918 Purnachandra Bhattacharyya M A (*Offg*)
1919 J M Bottomley B A (Oxon)

3

Dacca College

AFFILIATED, 1857

The College is supported by Government and is under the control of the Director of Public Instruction, Bengal

It was orginally opened as a school by the General Committtee of the Public Instruction in the year 1835 In 1841 it was converted into a College, when a Principal was appointed and an increase made to the staff of teachers The old College building was erected partly by public subscription in 1841 The present beautiful building was erected entirely at Government cost and the College moved over to its present site in June, 1908

The College is affiliated to the University for *the Intermediate Examination in Arts in—*

English, Vernacular, Logic, Chemistry, Mathematics, Physics Sanskrit History, Persian and Arabic

For the Intermediate Examination in Science

Mathematics, Physics and Chemistry

B A

English (Pass and Honours), Vernacular Composition, Physics (Pass and Honours), Chemistry (Pass and Honours), History (Pass and Honours), Sanskrit (Pass and Honours), Mathematics (Pass and Honours), Philosophy (Pass and Honours), Persian (Pass and Honours), Arabic (Pass and Honours), Political Economy and Political Philosophy (Pass and Honours)

The following combinations of subjects (with the compulsory subjects for the the B A Examination) are permitted at Dacca College :-

1 History and Classical Language
2 History and Political Economy and Political Philosophy
3 Philosophy and Classical Language
4 Mathematics and Philosophy
5 Mathematics and Chemistry

B Sc

Mathematics (Pass and Honours) Physics (Pass and Honours) and Chemistry (Pass and Honours)

M A

English—Affiliated in both Groups A and B

M A in History, Philosophy, Economics, Chemistry and Physics is taught by the Professors of this College who have been appointed University Lecturers

Students in the General Department pay a monthly fee of Rs 6

A silver medal called the Donnelly Medal, the value of the interest on Rs 500 subscribed by the Indian assistants of the late Abkari Commissioner's Office in memoy of the late A F Donnelly, Esq and a Prize, called the Lewis Prize the value of the interest, on Rs 500 subscribed by the students of the College, in memory of G Lewis, Esq, one of the former Principals of the College are awarded annually—the former for proficiency in History in the I A and the latter for proficiency in English (Essay writing)

A gold and a silver medal called the Pope Medals, the value of the interest on Rs 1,500, subscribed by the Indian friends of Mr John Van Someren Pope M A one of the former Principals of the College, are awaded annually—the former to the candidate who stands first from the Dacca College in English Honours at the B A Examination, and the latter to the candidate who stands first in English at the Matriculation Examination from the Dacca Collegiate School

A prize called the Srinath Prize the value of the interest on Rs. 200, is awarded annually to that student, who stands first in Sanskrit at the Matriculation Examination from the Dacca Collegiate School

Five prizes called the Ramlochan Ghosh Prizes, of the total value of Rs 35, the interest on Rs 1,000 presented by Babu Ramlochan Ghosh to the Dacca College, are annually awarded in the following manner on the results of the Matriculation Examination of the Dacca Collegiate School —

1 Prize of Rs 7 to the best student in English
1 " " 7 " " Mathematics
1 " " 7 " " Second Language
1 " " 7 " " History and Geography
1 " " 7 to the student who obtains the highest total marks

The prizes are awarded on the results of the Matriculation Examination, and are limited to those students who do not obtain any scholarship, provided they read for the Intermediate Examination in the Dacca College A student may gain more than one prize if entitled to them by his marks

A prize, called the Brennand Prize, consisting of books of the value of the interest on Rs 1,000 awarded annually to that student who at the B A Examination stands first from the Dacca College in Mathematics to enable him to read for the M A degree in that subject

Four scholarships of Rs 6 each were given by Sir Asmanullah, K C I E and continued by his grandson, Nawab Hibibulla Bahadur, C S I to Mahomedan

students from the Dacca Moslem High School, tenable in the 1st, 2nd, 3rd, and 4th-year Classes respectively

A scholarship of Rs 17-8 a month, the interest on Rs 6,000, given by the late Raja Rajendranrayan Ray, Bahadur of Bhawal, in memory of his father Raja Kalinarayan Raychaudhuri, is awarded annually to the best graduate of the Dacca College to enable him to read for the M A degree in that College

A scholarship, called the Iswarchandra Vidyassgar Scholarship of Rs 10 a month was given by Raja Rajendranarayan Ray Bahadur of Bhawal, and continued by his widow in memory of the late Pandit Iswarchandra Vidyasagar The Scholarship is awarded to the student who passes the Matriculation Examination from the Dacca Collegiate School and stands highest in Sanskrit to enable him to read up to the M A standard at the Dacca College

Attached to the College and under the control of the Principal, is a Hostel providing accommodation for 194 students Students are accommodated rent free but have to pay a monthly charge of As 4 per mensem for the use of furniture The messing arrangements are in the hands of the students themselves

Two temporary hostels have been opened in the Old Secretariat building—one for Hindus and the other for Mahomedans The former providing accommodation for 127 boarders and the latter for 130 boarders All messes attached to the College have been dissolved and boarders from them have been transferred to these two hostels

INSTRUCTIVE STAFF

Principal	F C Turner, M A (Oxon)
Professors of English Literature	Egerton Smith, M A (Leeds) Rakhaldas Ghosh, M A Styendranath Bhadra M A Padminibhushan Rudra, M A
Professors of Mathematics	B M Sen M Sc (Cal), B A (Cantab), Smith's Prizeman, 1914 Nareschandra Ghosh, M A Bankimdas Banerjee M A
Professors of History	Richard B Ramsbotham B A (Oxon) Aswinikumar Mukhopadhyay, M A Pareschandra Mukerjee, M A
Professors of Political Economy and Political Philosophy	S C Basu, B A (Cal), A M (Nebraska) Debendra Nath Benerjee, M A
Professor of Sanskrit	Srischandra Chakrabarti,
Professors of Chemistry	B N Das, M A (Cal), B Sc (Lond) Hariday Saha, M A Dr Anukulchandra Sarkar, M A (Cal) Ph D, F.C S (Lond.)
Professors of Physics ...	W A Jenkins, M A Surendranath Ghosh M A. Mr Adinath Sen, M A (Cal) B Sc (Glasgow)
Professors of Philosophy ...	G H Langley, M A (London) Manmathanath Mukherjee, M A
Professors of Arabic and Persian ..	Moulvi Najmal Hussain Chaudhuri (Offg) Maulavi Mahammad Irfan, M A
Lecturer in Sanskrit and Bengali	Akshaykumar Dattagupta, M A
Lecturer in Sanskrit ...	Debendrakumar Banerjee, M A

Lecturers in Philosophy	Maulvi Kazimuddin Ahmad, M.A (Cal)
Lecturer in Arabic and Persian	Umeschandra Bhattacharyya, A Md Asad,
Lecturers in English	Bamacharan Banerjee, M A P K Ghosh,
Demonstrators	Kumudnath Chaudhuri, M.A Satischandra Ganguli, M A
Laboratory Assistants	Rajnarayan Das Upendranath Bhattacharyya, M A Manmohan Chatterjee, M Sc Surendrakumar Basak, B A
Resident Assistant Surgeon	Aswinikumar Das, L M S

List of Principals

1841	Ireland, M A	1867	A C Edwards, M A
1844	T Wise, M D	1890	E F Mondy A R S M, F C S (*Offg*)
1846	G Lewis	1891	A C Edwards, M A
1856	W Brennand (*Offg*) L Clint, B A	1896	E F Mondy, A.R S M, F C S. (*Offg*)
1857	W Brennand (*Offg*) W Brennand	1897	S Robson, M A
1873	A W Ciott M A	1898	F F Mondy, A R S M, F.C S (*Offg*)
1874	A W Garrett, B A (*Offg*)	1903	C Russell, M A (*Offg*) Dr P K Ray, D Sc
1875	A W Garrett, B A A. Ewbank, M A	1905	C H Browning, M A
1878	V S Pope, M A (*Offg*)	1908	F C Turner, M A (*Offg.*)
1881	V S Pope, M A	1909	W A J Archbold, M A, I L B
1883	A W Garrett, B A (*Offg*)	1918	F C Turner, M A
1884	R Parry (*Offg*) W Booth, B A		

Dacca Law College

This was established in 1910 Lectures and other instructions are provided for students reading for the B L and pleadership Examinations It is accommodated in a portion of the Old Secretariat building and has a separate Library of its own

Law College Staff

Principal	F C Turner, M A
Vice-Principal	Dr Nareschandra Sengupta, M A., D.L
Law Lecturers	Saratchandra Ghosh, B L R K Doss, Bar-at Law

4

Krishnagar College.

AFFILIATED, 1857.

This College was founded by Government in 1845, and is under the control of the Director of Public Instruction, Bengal There is a Governing Body of which the District Judge of Nadia is the *ex-officio* President, the Principal of the College is the *ex-officio* Vice-President and Secretary, and one of the staff a member Government has added a fourth (non official) member in 1915

Any person who has passed the University Matriculation Examination may be admitted. Students pay an admission fee of Rs 6, a monthly tuition-fee of Rs 6, game and Common Room fees of Rs 2 and magazine fee of Re 1, annually.

The College stands upon an enclosed compound of upwards 100 bighas. It occupies three buildings, one big and two small. The big one which is the Main College Building is a handsome structure standing upon three bighas of land. It was erected in 1856, at a cost of Rs 66,876, Rs 17,000 of which was collected by private subscriptions.

In one of the smaller buildings the Chemical Laboratory is located. Part of the ground occupied was purchased by Government, for the remainder the College is indebted to the munificence of the Maharaja of Nadia and the Maharani Swarnamayi, C.I.E. of Cassimbazar.

In 1871 the B.A. Classes were abolished by Sir George Campbell, the then Lieutenant-Governor of Bengal, and for some years the College only afforded instruction up to the First Examination in Arts. In 1875, however, Sir Richard Temple on the petition of the chief inhabitants of the district, consented to restore the College to its former status provided that a considerable share of the increased cost was subscribed by the community. A sum amounting to more than Rs 40,000 was subscribed during the year and with this endowment B.A. classes in the B. Course were opened. Classes for the A. Course for the B.A. were opened in June 1888.

The College is now affiliated in I.A. standard in English, Bengali Composition, Sanskrit, Persian, History, Logic, Mathematics, Physics, and Chemistry and in I.Sc. standard in English, Bengali Composition, Mathematics, Physics and Chemistry.

The College is further affiliated to the B.A. standard in English, (Pass and Honours), Bengali Composition, Sanskrit (Pass and Honours), History, Mathematics (Pass and Honours), Persian, Political Economy and Political Philosophy, Philosophy, Physics and Chemistry, and to the B.Sc. standard in Mathematics (Pass and Honours), Physics and Chemistry.

A prize of Rs 80 founded by Babu Mohinmohan Ray, in 1883 and called the Mohinmohan Ray Prize, is awarded annually to the student who most successfully passes the B.A. Examination with Honours, or to a graduate of the College who passes the M.A. Examination in any subject.

Another prize of Rs 8 founded by Babu Syamcharan Maitra and called "The Smith and Macdonell Prize" is annually awarded to the student who most successfully passes the I.A. or I.Sc. Examination and prosecutes his studies for the B.A. or B.Sc. Examination in the Krishnagar College.

Another Prize of Rs 8 called the Livingstone Memorial Prize is awarded in commemoration of the late Principal W.B. Livingstone to the student who passes in all the subjects and secures the highest marks in the annual Examination of the 3rd-year Class.

The College Endowment Funds now amount to Rs 75,100.

There is a Hindu Hostal attached to the College, which is under the direct control of the Principal and is managed by a Superintendent who is a member of the teaching staff and an Assistant Superintendent.

Twenty free-studentships are attached to the College, of which four are Government and three are created by Babu D.N. Mugha Ray, Zamindar of Nakashipara (Nadia) and thirteen foundation free studentships.

The Krishnagar College has been created a centre for Bachelor Degree (Theoretical) Examinations since 1912

INSTRUCTIVE STAFF

General Department

Principal	R N. Gilchrist, Esq., F R E S, M A (on leave)
Professor of Mathematics offg Principal	Rakhalraj Biswas, M A
,, of Physics	Ramendranath Ghosh, M A
,, of Chemistry	Kiranchandra Mitra, M.A
Professors of English	Rampada Majumdar, M A Narendranath Chatterjee, M A Basantakumar Ray, M A
Professors of History	Debendranath Sen, M A
,, of Economics	Mr. Prosadchandra Banerjee, B Sc (London)
,, of Philosophy	Nalinikanta Brahma, M A
,, of Sanskrit	Bhabeschandra Banerjee, M.A
Lecturer on Sanskrit	Harilal Chatterjee M A
Lecturer on Philosophy and Logic	Bidhubhushan Sengupta, M.A
Lecturer-Demonstrator on Physics	Radhikamohan Chaudhuri, M A
Lecturer-Demonstrator on Chemistry	Hemchandra Dattagupta, M A, B L F C S
Lecturer on Mathematics	Omdatul Islam, M Sc
Lecturer on English	Satyasaran Kahali M A
Lecturer on Persian	Maharuddin Ahamid, M.A
Laboratory Assistants	Janakikumar Banerjee Bibhutibhushan Bhattacharyya, (Offg)

Law Department

Law Lecturer	Rai Indubhushan Bhaduri, Bahadur, B L

Succession List of Principals

1845	Capt D L Richardson
1846	M G Rochfort
1855	E. Lodge, B A
1857	J Graves, M A (*Offg*) L Clint, B A
1858	A Smith, M A
1870	S Lobb, M A
1874	E Lethbridge, M A
1877	F J Rowe, M A (*Offg*)
1879	W H Paulson, B A (*Offg*)
1881	George Watt (*Offg*) G A Stack, (*Offg*)
1882	J A Martin, B A (*Offg.*)
1883	J Mann, M A
1887	S C Hill, B A., B Sc (*Offg*)
1888	S C Hill, B A, B.Sc,
1890	W Billing M A (*Offg*)
1895	W Billing, M A Nilkantha Majumdar, M A (*Offg*) W Billing, M A
1897	W B Livingstone, (*Offg*)
1898	Brajaballabh Datta, M A B L, (*Offg*)
1899	J Bhaduri, M A, F C S (*Offg*)
1902	J Bhaduri, M A F C S (*Offg*)
1907	Sasibhushan Dutt, M A (*temporary*)
1908	Debendranath Basu, M A (*temporary*)
1909	Satischandra De, M A, B L., (*Offg*)
1910	M E. Du. S Prothero, M.A
1911	Satischandra De, M A, B L., (*Offg*)
1916	R N. Gilchrist, F R E.S. M A
1919	Rakhalraj Biswas M A, (*Offg*)

5

Krishnath College, Berhampur (Late Berhampur College).

AFFILIATED, 1857

The Older Gazetteers are unanimous in recording that a "British" College was opened in Berhampur in 1826, but the College as we know it, was opened in 1853. The foundation stone of the building, one moiety of the cost of which was paid by the community was laid in 1863, and the building came into use in 1869, when the Institution became a first grade College in Arts. A Law Department had been added in 1864. The status was, however, reduced in 1872 to that of a second grade College and the Law Department was abolished in 1875. The Institution again became a first grade College with a Law Department attached in 1888. It is open to all classes of the community.

In pursuance of the policy recommended by the Education Commission and adopted by the Government of India, the Bengal Government decided in 1886 to transfer the Berhampur College to private management. The magnificent offer of the late Maharani Swarnamayi, C.I.E. of Cossimbazar, to maintain the College for five years was accepted. Accordingly by a Bengal Government Resolution, dated the 14th May, 1887, the control of the College, administrative and financial, was vested in a Board of Trustees. Since the Maharani's death in 1898, the College has been financed by her nephew and successor, the Hon'ble Maharaja Sir Manindrachandra Nandy K.C.I.E., of Cossimbazar. In 1905, the College was handed over by a deed of transfer to the Hon'ble Maharaja Sir Manindrachandra Nandy, K.C.I.E., of Cossimbazar, with a Board of Management, consisting of the Maharaja as President, the District Judge, the District Magistrate and the Inspector of Schools, Presidency Division, as *Ex-officio* Members, and Rai Baikunthanath Sen Bahadur.

For the internal management of the College there is a Committee of Management consisting of all the members of the Board, the Principal and two members of the professorial staff.

Scholarships.—(1) Scholarships numbering two and three in alternate years called the Berhampur College Scholarships, of the monthly value of Rs. 8 each tenable for two years in the B.A. classes of the Institution, are awarded on the results of the Intermediate Examination, to students taking up an Honour Course for the B.A. Examination. (2) The Kennedy Scholarship of Rs. 4 a month founded by public subscription in honour of J. Kennedy, Esq. formerly a Collector of this District, is awarded to the successful Intermediate candidate from this College who stands next to those obtaining Berhampur College or Government Scholarships. It is tenable for two years in the B.A. classes of the Institution. (3) Five Rajib Scholarships of Rs. 4 a month each, founded in commemoration of the donor the late Rai Rajiblochan Ray, Bahadur the benevolent Dewan of the late Maharani Swarnamayi, are awarded to the first five successful Matriculation candidates from the Berhampur centre. They are tenable for two years of the Intermediate classes of the Institutions. (4) The "Girish Narain Roy Scholarships" of Rs. 8 a month, founded in 1907, by Babu Girishnarain Roy of Lalgola, is awarded to the best Matriculation candidate from the Berhampur centre. (5) The "Kadambini Scholarships" of Rs. 3 a month, tenable for two years in the B.A. classes was established by Srimati Kshirodkumari Dasi of Berhampur, in honour of her late mother, Kadambini Dasi. (6) The "Harasankar Studentship" of Rs. 4 a month is awarded for one year only to a student securing highest marks in Sanskrit at the I.A. Examination from the College, and taking Sanskrit in the B.A. It was established in the year 1908 by Babu Nilmani Bhattacharyya of Berhampur in deference to the last wishes of his father, the late Babu

Harasankar Bhattacharyya (7) Four Scholarships named "Rani Dintarini Scholarships" founded by Raja Jogendranarain Roy of Lalgola in memory of his late wife, Ranee Dintarini, were established in the year 1908 Out of the four Scholarships, two of the value of Rs 6 per mensem are to be enjoyed by two First-year students who pass the Matriculation Examination from the Berhampur Krishnath Collegiate School, and secure the highest number of marks without obtaining a Government Scholarship, and two of the value of Rs 8 per mensem, are to be enjoyed by two Third-year students, who pass the Intermediate Examination from the Berhampur Krishnath College, and secure the highest number of marks without obtaining a Government Scholarship

Medals—Two gold medals, named, after their donors, Rai Baikunthanath Sen, Bahadur and Rai Srinath Pal Bahadur, are awarded to the students of this College passing the degree Examination with Honours in English and Science, respectively A silver medal, named the Mackenzie Medal founded by late Rai Mukundalal Barman, Bahadur, in commemoration of His Honour Sir Alexander Mackenzie's visit to this District in February, 1807, is awarded to the student who stands highest from this College in the B A Examination with Honours A silver medal named the "Harasankar Medal" founded by Babu Nilmani Bhattacharyya, is awarded to a student securing highest marks in Bengali at the Intermediate Examination from this College

Free Studentships—All Government scholars and students holding "Berhampur College and 'Kennedy Scholarships receive tuition free A limited number of free and half-free studentships is also awarded to poor and deserving students by the Maharaja of Cossimbazar Through the liberality of the late Raja Asutosh Nath Roy of Cossimbazar, a few additional free and half-free studentships to the extent of Rs 30 a month are also provided

Collegiate School—Connected with the College as a School Department teaching up to the Matriculation standard The tuition fees in the school ranges from Re 1 to Rs 2 8 a month

Hostels—There are Boarding Establishments attached to the College and the College School for the accommodation of Hindu students and Muhammadan students

College Department

In the B A Classes English Philosophy, Mathematics, History, Political Economy and Political Philosophy, Sanskrit, Physics and Chemistry are the subjects taught Honours Classes are held in English, Philosophy, Sanskrit, History and Mathematics In the B Sc Classes Mathematics Physics and Chemistry are the subjects taught Honours Classes are held in all three subjects

Botany is taught up to the Intermediate standard

A separate Commercial Department has been opened for the purpose of teaching a special two years' course leading a Diploma in Commerce The course is intended as a preparation for those desiring to take up work in Commerce or Industry The standard of the course is similar to that prescribed for the degree of B Com in Universities having a Faculty of Commerce. Admission to the Commercial Department is obtainable upon passage of the Intermediate Examination in Arts or Science, or upon passage of a special Entrance Examination held by the College

Tuition Fee—In the Arts Department, Rupees 5 per month In the Science and Commercial Departments, Rupees 6 per month

INSTRUCTIONAL STAFF.

College Department

Principal	Rev N. G Leather, M A (cantab)
Professors of English Literature	Bhushanchandra Das, M A Joytischandra Mitra, M A Binodchandra Ray, M A Harendrakrishna Sarkar, M A
Professor of Philosophy	Abhaykumar Majumdar, M A
Professors of History	N K Nag, B A (Cantab.) on leave Atalbihari Bhattacharyya, M A (on leave) Haripada Pande, M A
Professor of Mathematics	Baikunthachandra Ray, M A
Professors of Physics	Upendrachandra Ghosh, M A Birendranath Sarkar, M A Bejoykumar Basak, M A
Professors of Chemistry	Dinabandhu Chatterjee, M Sc T. rinicharan Chaudhuri, M A
Professor of Botany	S Sinha, B Sc (Illinois)
Professor of Political Economy and Political Philosophy	Jyotischandra Dasgupta, M A
Senior Professor of Sanskrit	Durganath Sastri, M A
Professor of Arabic and Persian	A Sayid M A
Junior Professors of Sanskrit	Bholanath Chatterjee, M A Biswesvar Bhattacharyya, B A
Asst Professors of Mathematics	Prativaranjan Ray, M Sc Kamalaksha Dasgupta, M A
Asst Professors of Philosophy	Bibhutibhushan Mitra M A Jitendranath Chatterjee M A Kalikacharan Raychaudhury, M A
Asst Professor of History	Ramgopal Banerjee M A
Lecturer in Physics	Susilchandra Raychaudhuri, B Sc
Demonstrator in Physics	Jogendrachandra Ray, M Sc
Demonstrator and Lecturer in Chemistry	Haripada Ghosh, B A Tarapada Ghosal, M Sc
Demonstrators in Chemistry	Kedarnath Mukerjee Bishnudas Chatterjee, B Sc
Lecturers in English	Jyotiprasad Sengupta, M A Banbihari Das, M.A
Tutors in English	Bibhutibhushan Bhatta, B A Taraprasad Das, M A
Lecturer on Vernacular	Jajneswar Banerjee
Laboratory Assistants	Bibhutibhshan Nag Bhabataran Chatterjee
Second Laboratory Assistant	Sasadhar Chatterjee.

Law Department

Instruction is given in this Department up to the P L standard The tuition fee is Rs 5 a month

Professor of Law	Nilmani Ghosal, B.L

Commerce Department

Professor in charge of the Commerce Department & Professor of Book-keeping & Accountancy, Business methods, & Office Management & Economic History.	Nil Rutton Bhattacherjee, M.R.S.A., F.I.P.S. (Lond) F.C.I. (Birmingham) S.A. (U.S.A.)
Professor of Economics, Banking & Economic Geography	S. P. Bhargava, M.A., LL.B.
Professor of Correspondence, Advertising etc	G. Taylor

The Department has been made the Official Centre of the Incorporated Institute of Commerce (Birmingham).

Subjects

Obligatory,—

1. Bookkeeping & Accountancy (Includes Law respecting Accounts)
2. Business methods & Office management (Includes Commercial Law)
3. Commercial History (Includes International Trade & Modern Indian Industries)
4. Economic Geography (Includes the study of all Commercial Products)
5. Correspondence, Advertising & Office Appliances (Includes the manipulation of Typewriter, manifolding machines etc.)
6. Economics (Includes the elements of Banking, Business Policy and the use of Trade Statistics
7. Administration.

Optional —

1 Banking 2 Insurance 3 The organisation of Silk Industry 4 The organisation of Leather Industry 5 Shorthand	To be opened if sufficient students are forthcoming

College Hostel

The Hostels are managed by and eight Resident Superintendents, five Assistant Superintendents and under the control of the Principal. The charge for Board and Lodging is Rs. 88 in a year.

List of Principals

1853 A. S. Harrison, B.A.

1856 A. Smith, M.A.

1858 R. L. Martin, M.A., Head Master in Charge

1859 R. L. Martin, M.A., Head Master in Charge
S. W. Bradbury, Head Master in Charge

1861 R Hand
1875 G. Bellett, M A
1877 Prasannakumar Sarbadhikari (*Offg*)
1880 W B Livingstone
1887 Brajendranath Seal, M.A
1896 Janakinath Bhattacharyya, M A
1897 Ambikacharan Mitra, M A
1900 E A Murphy, M A
1906 Rev. E M Wheeler, M A
1915 Sasisekhar Banerjee, B A (*Offg*)
1919 C J Hamilton, M A (Cantab)
1919 Rev N G Leather M A (Cantab)

6

The Schottish Churches College, Calcutta.

(In which are incorporated the General Assembly's Institution and Duff College

In 1830 the Reverend Alexander Duff founded in Calcutta an Institution for the propagation of the Gospel through education, at once liberal and religious on Western principles and with English as the medium of instruction in the higher classes This he named the General Assembly's Institution, because it was founded under the direction of the General Assembly of the Church of Scotland whose first missionary he was Its success was immediate and great Again, in 1843, when Dr Duff and his colleagues cast in their lot with that party in the Church which separated itself and formed the Free Church of Scotland, they founded another College under the name of the Free Church of Scotland Institution, on the same principles and with similar success To the name of this second institution the title of Duff College was added after the death of that illustrious man

During recent years the separated branches of the Church of Scotland have been desiring and aiming at co-operation and even reunion Thus the demand for increased efficiency in Indian education and the evident wisdom of concentrating their efforts in one Institution, found them ready to take the decisive step of incorporating their separate Colleges in Calcutta in one Accordingly, from the first day of June, 1908, the General Assembly's Institution and the Duff College ceased to maintain separate existence, and are now united as "The Scottish Churches College working under the Scottish Churches Mission, with a Mission Council in Calcutta and a Board of Trustees in Edinburgh

Affiliation—The Scottish Churches College is affiliated up to the B A Pass and Honours standards in English, Mathematics, Physics, Chemistry, Sanskrit, History, Philosophy, Political Economy and Political Philosophy. Of the vernaculars Bengali and Hindi are taught

It is affiliated up to the B Sc Pass and Honours standards in Physics, Chemistry and Mathematics

The following Members of the staff are Lecturers in the Post-Graduate classes of the University Dr. Urquhart and Professor Ewan in Philosophy, Professor Scrimgeour in English and Professor Kydd in Economics.

Fees —The annual fee of every class is Rs 84 in Arts and Rs 120 in Science payable in monthly sums of Rs 7 and Rs 10 The admission fee is Rs 6 and the transfer fee Rs 6 Arts students have to pay Re 1 per month extra when a Science subject is taken

Scholarships and Prizes

Intermediate Arts and Science

One Fyfe Scholarship of Rs 12 per month, two London and Edinburgh Scholarships, one Allan Bequest Scholarship, and several college scholarships each of Rs 7 per month will be awarded to students of merit in poor circumstances

These Scholarships cannot be held except in very special circumstances along with any other Scholarship from any source They are tenable for two years at the Scottish Churches College

At the close of the Intermediate Arts and Science Courses a prize of Rs 25 will be awarded to each of the students who stands highest in the different subjects in the Courses The prize in the case of Logic is the Hastie Momorial Prize, in the case of History the Kalidas Mookerjee prize The Miller Prize of Rs 30 will be awarded to the student who stands highest in the College Scripture Examinations None of these prizes are to be assigned to students continuing a regular course of under-graduate arts or science study in another College

Bachelor of Arts

One Fyfe Scholarship of Rs 12 per month, and two London and Edinburgh Scholarships of Rs 7 per month, and an Allan Bequest Scholarship are awarded to the four students of the College who do the best work in the Intermediate Arts Course, provided, they are placed in the First Division, and are in necessitous circumstances Of this the Principle must be satisfied

These Scholarships are tenable for two years at the Scottish Churches College

The Hawkins Gold Medal, in memory of J F Hawkins Esq, C S, is awarded to the most distinguished student of the year Of this the Principal shall be the judge (B.Sc students are also eligible).

At the close of the B A Course the following prizes will be awarded to the students who stand highest in the various subjects at the University Examination provided they pass with Honours, and if they continue to study for the M A or M Sc. degrees, that they enrol through the Scottish Churches College

English

First prize Rs 50—Macfarlane Prize founded in 1836 by David Macfarlane Chief Magistrate, Calcutta

Second prize Rs. 35—In memory of Principal J Morrison, D D.

Philosophy

Rs. 70—A University prize in memory of the late Principal W. Smith, M A

History

Rs. 30—A prize founded by Prof Adharchandra Mookerjee, M.A

Economics

Rs 35—Founded by Mr Buchan of Kelloe

Sanskrit

Rs 30—A prize founded by friends of the late Dr Ewart

Mathematics

Rs 30—A prize founded by friends of the late Prof Gaurisankar De

Bachelor of Science

One Wilson and Ogilvie Scholarship of Rs 12 per month, one London and Edinburgh Scholarship and one Allan Bequest Scholarship each of Rs. 7 per month, are awarded to the three students of the College who stand highest in the Intermediate Science Course provided they are placed in the First Division, and are in necessitous circumstances Of this the Principal must be satisfied

These Scholarships are tenable for two years at the Scottish Churches College

At the close of the B Sc Course, College prizes of Rs 30 will be awarded to the students who stand highest in Honours Physics and in Honours Chemistry, respectively B Sc students are also eligible for the Hawkins Gold Medal, the Mathematics and the Scripture prizes

Hostel and Messes —The Duff Hostal, 32-6, Beadon Street, is primarily for Christian students and is a Non-collegiate Hostel Superintendent, Rev J D Sinclair, M A

The Lady Jane Dundas Hostel, 71-1, Cornwallis Street is for any class of students of the Scottish Churches College, Resident Superintendent, Mr. S K. Ray, M A

The Wann Hostel, 32 6, Beadon Street, is for any class of students of the Scottish Churches College, Resident Superintendent, Mr B M Bose, B A The Tomory Memorial Hostel, 5, Badur Bagan Row, Amherst Streer, is for any class of students of the Scottish Churches College, Resident Superintendent, Mr. M L Sarkar, M A

The Ogilvie Hostel, 31-2, Hartookibagan Lane, Superintendent, Mr J C. Kydd, M A is for any class of students of the S C College

Messes provided by the University are opened for Mofussil students who do not live in the Hostels or with proper guardians

Library —The Library of 12,120 volumes is open, free of charge and without deposit, to students of the College, who may borrow books either to read at home, or in the Reading Room

Clubs —There are the usual Literary and Athletic Clubs.

INSTRUCTIVE STAFF

Principal

Rev J Watt, M.A., D D, F C.S.

ENGLISH STAFF.

Professors

Rev J C. Scrimgeour, M A
Mr. A. Cameron, M A
Rev A Warren, B A (*Lond*)
Mr Nirmalkumar Siddhanta, M A
Mr J D Sinclair, M A, B D
„ Mihirkumar Mookerjea, M A

Tutor

Mr. M. M. Bose, M A

Paper Examiner

Mr Bijaymadhab Mukerjee, B A

PHILOSOPHY AND LOGIC STAFF

Professors

Rev W. S. Urquhart, M A., D.Phil.
Rev G Ewan, M A
Mr Purnachandra Sen, M.A.
Mr Bholanath Ray, M.A

ECONOMICS STAFF

Professors.

Mr J. C Kydd, M A
Mr Birendrachandra Dutt, M.A

MATHEMATICS STAFF

Professors

Mr G S. Mill M A., B Sc
Mr Madhusudhan Sarkar, M.A
Mr. Aparnacharan Ganguli, M.Sc
Mr Bibhutibhushan Mandal, M Sc.

HISTORY STAFF

Professors.

Mr Adharchandra Mookerjee, M A, B L, (*Emeritus*)
Mr Mahendralal Sarkar, MA.
Mr Satyendrakumar Ray, M.A
Mr Arunchandra Sen, M A

SANSKRIT, BENGALI AND HINDI STAFF

Professors

Pandit Biharilal Banerjee, M A *Sanskrit*
Pandit Kalipada Mukerjee, *Sanskrit and Bengali*
Pandit Nandalal Vidyabinod, *Sanskrit*,
Mr M M Bose, *Bengali*
Mr. Shib Narain Lala, *Hindi*.

PHYSICS STAFF

Professors

Mr. Jnanchandra Ghosh, M A (*Emeritus*)
Mr. Nibaranchandra Ray, M.A
Mr Rajanikanta De, M A, B Sc

Demonstrators

Mr Urukramdas Chakravarti, M Sc
Mr Sureschandra Ghosh, B A
Mr Kshitindrabhushan Sen, B Sc

CHEMISTRY STAFF

Professors

The Principal,
Mr B C Dutt, M A F C S

Mr Suryyanarayan Sen, M A

Demonstrators

Mr Haridas Banerjee, M Sc

Mr Rabindranath Chatterjee, M Sc

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Sanskrit College, Calcutta.

AFFILIATED, 1860

This is a Government Institution

It was founded in 1824 for the encouragement of the study of the Sanskrit language and literature, and at first Sanskrit was studied exclusively At present English is taught here up to the B A standard and Sanskrit to the standard prescribed for the B A Hon Examination and also for the Sanskrit Title Examination in several branches in the Oriental Department of the College A class has been opened for teaching the Vedas at the request and expense of Madhavachandra Giri, the late Mohanta Maharaj of Tarakeswar

The college is open to Hindus occupying a respectable position in Hindu society irrespective of caste The tuition fee is Rs 6 per month in the College Department, and Rs 3 and Rs 2 in the School Department The privilege of the lower fee for Rs 2 is conceded to 40 students of the College Department, who must be descendants of *bond fide* Pandits The fee of one of the students is paid out of the endowment fund of Srimati Sati Devi of Chandernagore Besides these there are 75 free studentships for the Sanskrit Title classes Six Government free studentships are available in the College classes for deserving poor students

The privilege of the lower fee of Re 1 is conceded to 200 students of the School Department, of whom 100 must be the descendants of Pandits, and the fee of 50 of the remaining 100 is paid by Maharaja Sir Manindrachandra Nandi Bahadur of Cossimbazar, and that of the other 50 by Babu Pramathanath Mallik, of Pathuriaghatta and his two other Co-Trustees, Babu Harendrakrishna Seal and Gopeswar Mallik, out the estate left by the late Rani Rajkumari Dasi. There is one graduate Scholarship of Rs 30 a month tenable for two years, and there are nine senior Scholarships, varying from Rs 10 to 20 per month, one Scholarship of Rs 4 called after its founder, Professor E B Cowell There is also an annual medal or prize of Rs 10 founded by His Highness the Maharaja of Scindhia, to be awarded to a student of the College, who on passing the Intermediate Examination from this College, stands next to those who obtain Scholarships or any other prizes There are also eight junior Scholarships of Rs 8 each, competed for by pupils of the second class of the School Department, and there are besides two Scholarships of Rs 5 each, two of Rs. 4 each, and eight of Rs. 3 each, called the Maheswari Dasi Scholarships, founded by the late Rai

Rajiblochan Ray Bahadur of Cossimbazar to commemorate the name of his mother They are awarded annually to the pupils of the third, fourth and fifth classes of the School Department for proficiency in Sanskrit Literature and Grammar There are two Scholarships of Rs 5 and R 3 a month called the "Abhaycharan Mallik Scholarships" The former is tenable in the College and the latter in the School Department And there are also two Scholarships of Rs 7 a month called "Karalicharan Sarkar's Scholarships" awarded to the students of the Oriental Department studying any one of the six systems of Hindu Philosophy

A valuable library of printed works and manuscripts is attached to the College, and a Government grant of Rs 1020 per annum is applied to the purchase of standard English and Sanskrit works Attached to the college there are two hostels accommodating about 60 boarders

INSTRUCTIVE STAFF

Principal (*Offg*)	Muralidhar Banerjee, M A
Professor of English	Narendranath Chakrabarti, M A. (on deputation to the Presidency College)
Professor of History	Krishnadhan Banerjee, M A
Lecturer in Philosophy and Logic	Mahendranath Sarkar, M A
Lecturer in Sanskrit	Surendranath Bhattacharyya, M A
Offg Professor of English	Syamacharan Mukerjee, M A
Offg Lecturer in English	Nanigopal Bhattacharyya, M A.
Professor of Hindu Law	Mahamahopadhyay Pramathanath Tarkabhushan
Lecturer in Sanskrit Literature and Rhetoric	Pandit Rajendranath Vidyabhushan
Lecturer in Hindu Law	Pandit Sitikantha Vachaspati
Lecturer in Veda and Grammar	Pandit Bahuballabh Sastri
Lecturer in Nyay	Mahamahopadhyay Gurucharan Tarkadarshantirtha
Lecturer in Vedanta	Mahamahopadhyay Lakshman Sastri Dravida
Lecturer in Nyaya	Pandit Yamininath Tarkavagish
Lecturer in Panini and Vedanta	Pandit Sakalnarayan Vyakaran-Kavya-Sankhyatirtha

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8

St. Xavier's College.

AFFILIATED, 1862

This Institution was established under the direction of the Society of Jesus, in January, 1860, in the large building then No 10 now No 30, Park Street formerly appropriated by the late Dr Carew for St John's College Since 1868, the adjoining house, enlarged and improved, forms part of the College

Its object is to give Catholic youths a full course of liberal education, and to train up their hearts to virtue Pupils of other religious persuasions are also admitted on the same principle of non-interference as the old St. Xavier's College which was closed in 1846

The College has an infant class, a Lower and Upper School Department averaging about 450 pupils, and a College Department of about 750 students The course of studies embraces the subjects of the Cambridge Junior and Senior School certificate examinations of Intermediate in Arts and Science and the B Sc courses

It is further affiliated in English, Vernacular Composition, Mathematics and History up to the B A pass Standard.

Competitions are held during the year, and medals and prizes in books are awarded to the best scholars

A solar spectroscopic observatory, a meteorological observatory, chemical and physical laboratories, and halls for practical science are attached to the College

INSTRUCTIVE STAFF

College Department

Rector and Prefect of Studies	Rev J. Fallon, S J.
Professors of English Literature	Rev P Carbery, S J Rev J Comerford, S J Rev O'Neill, S. J
Professors of Mathematics	Rev A Lallemand, S J Rev M Vermeire S J N N Mukerjee, M Sc H C Pal, B Sc
Professors of Physical Science	Rev A. Briot, S J K M Ghosh, B Sc. Rev A Roeland, S J
Professors of Chemistry	Rev J Van Neste, S J Manindra Sinha, B A
Professor of Logic	Rev. E Populaire, S J.
Professor of History	Rev C Limbourge, S J Rev J. Fernandes
Professor of Sanskrit	H D Sastri
Professor of Arabic and Persian	... Maulavi Abu Tahir
Demonstrators in Physics	.. P C Sankey, B Sc Ushanath Sen, B Sc B D Sarkar, B Sc. A T Biswas, B Sc
Demonstrators in Chemisty	Abinaschandra Nandan, L M S Sachchidananda Gangopadhyay, B Sc K C Ghosh, M Sc P. C Neogi, B Sc
Tutors in English	.. N C Sen Gupta, B A. J N Mitra, B A

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Rajshahi College

AFFILIATED, 1878

It is a Government Institution, originally established as a Zila School in 1836. In 1873 it was raised to a Second Grade College owing to the gift to Government in perpetuity of an estate yielding an annual income of Rs 5,000 by Raja Hara Nath Ray Bahadur, of Dubalhati and in 1878 it was raised to a

First Grade College, the additional expenditure being met partly from the proceeds of an endowment of one-and-half lacs of rupees created by the Rajshahi Association Instruction was given up to the standard of the M A. Examination of the Calcutta University up to 1908 Under the new Regulation of the Calcutta University, affiliation for M.A was withdrawn. It teaches now up to the B A and B Sc standards The students in the General Department pay a monthly fee of Rs 6

The College is affiliated as follows —

I A —English, Bengali, History, Sanskrit, Arabic, Persian, Logic, Mathematics, Physics, and Chemistry.

I.Sc —English, Bengali, Physics, Mathematics and Chemistry

B.A —English (Pass and Honours), Mathematics (Pass and Honours), Philosophy (Pass and Honours), Sanskrit (Pass and Honours), Arabic and Persian (Pass), History (Pass and Honours), Economics (Pass), Physics (Pass and Honours) and Chemistry (Pass and Honours)

B Sc —Mathematics (Pass and Honours), Physics (Pass and Honours) and Chemistry (Pass and Honours)

The College is under the control of the Director of Public Instruction, Bengal.

One scholarship of Rs 15 a month, called the K C. Sircar Scholarship tenable for two years in the B A and B Sc classes of the College, is awarded annually to a student passing the I A and I Sc Examinations from any College in Bengal and reading for his B A or B Sc Degree Examination in this College

There is one scholarship of Rs 3 a month, called the Mayo Memorial Scholarship tenable for two years open to students in the Third year class

An annual prize of Rs 80, called the Mohinmohan Ray prize, is awarded to the student who most successfully passes the B A or B Sc Examination with Honours, or to a graduate of the College who passed the M A Examination in any subject

There is a scholarship of Rs 5 a month tenable for two years in the Intermediate classes of this College, annuallly awarded to the best successful Matriculation candidate from the Bholanath Academy, Rajshahi

There are two scholarships, called the Banamali Jublee Scholarships named after their donor Rai Banamali Ray Bahadur, of Tarash, of the value of Rs 8 a month tenable for two years at the Rajshahi College They are open to two best and poor students who pass the Matriculation Examination one from the Pabna Zila School and the other from the Serajgunge H. E School, and who fail to obtain a Government Scholarship No student will be eligible for a scholarship who fails to produce certificates of moral character from the Head Master, Second Master and the Head Pandit of the School he reads in

Two scholarships named after the donor, Rani Manmohini Devi of Puthea, of Rs 10 and Rs 8 a month, respectively, tenable for two years are awarded to students who pass the Intermediate Examination of the Calcutta University from any College in Bengal, and who read in the Rajshahi College for the B.A or B.Sc Examination One scholarship of Rs 7 tenable in the First-year Class and another of Rs 8 a month, tenable in the Second-year Class of the College are awarded to the student passing the Matriculation Examination in the first division from the Puthea H E School but failing to obtain any other scholorship A scholarship of Rs. 4 a month for two years is awarded to a student who after passing the Intermediate Examination from any College in Bengal, joins the College and reads therein for his B A Degree Examination.

A medal is awarded to the student of the Rajshahi College who passes highest the Intermediate Examination among the successful candidates from it

Attached to the College there is a Sanskrit Department called the Rani Hemanta Kumari Sanskrit College, founded and endowed by Rani Hemanta Kumari Devi of Puthea. Classes in Vedanta, Smriti, Kavya, Alankara, Grammar, etc, have been opened since July, 1904

The Madrasa and the College buildings were erected in 1883 and 1884, at the cost of Rs 38,000 and Rs 60,000, respectively

There are two Hindu Boarding Houses, called the Pramatha Nath and Hemanta Kumari Devi Hindu Boarding Houses attached to the College, opened in 1884 and 1901, respectively, and also a Mahomedan Boarding House opened in 1909

INSTRUCTIVE STAFF

General Department

Principal and Professor of Physical Science	Rai Kumudinikanta Banerji Bahadur, M A
Professor of Chemistry	Dr Punchanan Neogi, M A, Ph D
Professor of Physics	Babu Bamacharan Bhattacharyya, M A
Offg Prof of Physics	Babu Kamadacharan Chakrabarty, M A
Professor of Chemistry	Babu Haridas Mukerji, M Sc
Professors of Mathematics	Babu Rucharan Biswas, M A
" "	Babu Upendranath Ray, M A
Professors of English	Babu Jatindrachandra Guha, M A
" "	Mr Hirankumar Banerji, M A
Professor of Philosophy & Logic	Babu Bisweswar Dutta, M A
Professors of History	Babu Santoshkumar Chatterji, M A
" "	Babu Jyotishchandra Chatterji, M A
" "	Babu Atalbehari Bhattacharyya, M A
Professor of Sanskrit	Babu Radhagobinda Basak, M A
Professor of Arabic & Persian	Maulvi Abdul Hakim M A
Lecturer in Arabic & Persian	Maulvi Muhammad Haidar Ali, M A
Lecturers in English	Babu Girijashankar Bhattacharyya, M A
"	Babu Chintaharan Banerji, M A
" "	Babu Debendrakumar Sen, M A
Lecturer in Sanskrit	Babu Shibaprasad Bhattacharyya, M A
Do in Sanskrit & Bengali	Babu Dineshchandra Bhattacharyya, M A
Lecturer in Philosophy & Logic	Babu Nalinikumar Dutta, M A (on leave)
	Babu Jadunath Singha, M A *Offg*
	Babu Jitendrakumar Chakrabarty, M A
Lecturer in Economics	Babu Kaushiknath Bhattacharyya, M A
Demonstrators in Physics	Babu Hemchandra Ganguli, M A
	Babu Narendranath Chatterjee, M A
Demonstrators in Chemistry	Babu Birendrabhushan Adhikari, M A
	Babu Kshirodemohan Sen, M A
Laboratory Assistants	Babu Prabodhchandra Ganguli, B Sc B T
	Babu Kalipada Ghosh, M Sc

RANI HEMANTA KUMARI SANSKRIT COLLEGE

Professor of Nayaya & Vedanta	Pundit Nishikanta Tarkabagish
Professor of Smriti	Pundit Bamandas Vidyaratna
Professor of Kavya & Vedanta	Pundit Girishchandra Kavyatirtha & Vedantabhushan (On leave)
	Pundit Ramnarayan Tarkatirtha *Offg*
Professor of Grammar ..	Pundit Ramanikanta Sidhantaratna

LAW DEPARTMENT

Law Lecturer ... Babu Saratchandra Ray, B L

LIST OF PRINCIPALS

1878	Haragobinda Sen (Head Master in-charge of the College)	1893	W. B Livingstone
1879	F. T Dowding, B A	1897	K Banerji M A. (*Offg*)
1880	A C Edwards, M A	1898	K Banerji, M A
1887	W B Livingstone (*Offg*)	1919	K Banerjee, M A. (on deputation)
1887	C W R Tepper, B B		Dr P Neogi, M.A, Ph.D (*Offg*)
1888	W B Livingstone (*Offg*)	1920	K Banerjee, M.A.

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Vidyasagar College

(Formerly the Metropolitan Institution)

AFFILIATED, 1872

This College is affiliated under the new Regulations up to the standard of the Intermediate Examination in Arts, in English, Bengali Composition, Sanskrit, Pali, History, Logic, Mathematics Physics and Chemistry and in the I Sc, in English, Bengali Composition, Mathematics, Physics and Chemistry, up to the standard of the B A Examination in English (Pass and Honours), Bengali Composition, Sanskrit (Pass and Honours), Pali, History, Mental and Moral Philosophy, Political Economy and Political Philosophy, Mathematics (Pass and Honours), Physics and Chemistry and up to the standard of the B Sc Examination in Mathematics (Pass and Honours), Physics and Chemistry Three members of the instructive staff are Lecturers in the Post graduate classes of the University, *viz*, Mr J R, Banerjea in Philosophy, Dr B C Ghosh in Experimental Psychology and Babu Satish Chandra Bose in Pure Mathematics

The Institution in its present form, at any rate, was the handiwork of Pandit Iswar Chandra Vidyasagara It was the first attempt to impart high education through a purely indigenous agency and was conducted in a way that was characteristic He gave it a costly local habitation and endowed it with a valuable Library and Laboratory In recent years extensive improvements have been made in the Physical and Chemical Laboratories and two large lecturer theatres provided with gas and electric fittings have been constructed, one for the teaching of Physics, and other for the teaching of Chemistry

It has a large Collegiate Hostel which provides accomodation for nearly 300 boarders, several "Attached Messes," a Literary Club and an Athletic Club

Six annual cricket prizes called the 'Hardinge Prizes' have been instituted with the sanction of the Viceroy and Governor-General of India, two in each department of the game, in commemoration of His Excellency's visit to one of the College Messes

Since the death of Pandit Iswar Chandra Vidyasagara in July, 1891, the management of the College has changed hands more than once Since the 1st September, 1896, it has, under an agreement with the Vidyasagara Institute, been vested in a Committee called the College Council, composed mainly of the Professors of the College At present the Council consists of Babu Saradaranjan Ray, Vidyavinod, M A, Mr J R Banerjea, M A, B L, Profs. K K. Bhattacharyya, K L Nag, M Roy, and A Mitra, Pandit Naraincbandra Vidyaratna, son of the late Pandit Iswar Chandra Vidyasagara, and Babu Lalitchandra

Mitra, M A, Secretary Vidyasagar Institute, (*ex-officio*), Mr. S. Roy is its President and Mr J R Banerjea is its Secretary

The annual tuition fee is Rs 60 for the I A classes except when Physics or Chemistry is taken up when the fee is Rs 72, that for the I Sc, classes is Rs 72, that for the B A is Rs 72 and that for the B Sc is Rs 84 The fee for admission in the case of I A and I Sc. students is Rs 5 and in the case of B A and B Sc students Rs 6

INSTRUCTIVE STAFF

Principal	...	Saradaranjan Ray, Vidyavinod, M A
Vice-Principal	...	J R Banerjea, M A B L
Professors of English Literature	...	J R Banerjea, M A, B L Kunjalal Nag, M A Asutosh Mitra, M A Purnachandra Raychaudhury, M A B L Amulyachandra Aikat, M A, B L Sisirkumar Bhaduri M A Dwijendranath Bhattacharyya M A Achyutakumar Datta, M A, Jiteshchandra Guha, M A, B L Manindra Sen, M A, B L Jatindramohan Ghosh, M A
Professors of Mathematics		Muktidaranjan Ray, M A Satischandra Basu, M A Priyanath Biswas, M Sc.
Professors of Philosophy		J R Banerjea, M A, B L Kshirodchandra Gupta M A, B L Indubhushan Sengupta, M A, B L Atulchandra Dasgupta, M A
Professors of Physics		B C Ghosh, M A, M B, B C, (*Cantab*) Amarnath Palit M Sc, B L (on leave) Dwarkanath Mukerjee, M Sc Sailajaranjan Ray, M Sc Surendranath Ray, M Sc (Temp)
Professors of Chemistry	...	Phanindranath Das M A Haridavkrishna De, M A Priyabrata Sarkar, M A, B Sc Debendranath Bhattacharyya, M Sc
Professor of Political Economy and Political Philosophy	..	Manimohan Sen, M A, B L
Professors of History	...	Jatindrakisor Chaudhuri, M A Jatindramohan Ghosh, M A
Professors of Sanskrit	...	Saradaranjan Ray Vidyavinod, M.A. Kalikrishna Bhattacharyya, Radharaman Vidyabhushan Madhabdas Chakrabarti, Sankyatirtha M.A. Ramkrishna Vidyabhushan
Professor of Pali		Amulyacharan Vidyabhushan
Tutor in Pali		Bishnucharan Bhattacharyya, B A.
Professors of Logic		Kshirodchandra Gupta, M A, B L. Indubhushan Sengupta, M.A, B L Atulchandra Dasgupta, M A
Demonstrators in Chemistr		Syamlal Mukherjee, B Sc Chunilal Datta, B Sc

Demonstrarors in Physics		Sudhirkumar Ray, B.Sc
Physical Laboratory Assistant		Rajkumar Chatterjee
Chemical Laboratory Assistant		Haranchandra De
Librarian	..	Bholanath Mukherjee
Inspector of Students Residences	..	Rajkumar Chatterjee

Succession List of Principals

1884 Suryyakumar Adhikari, B A.
1891 Baidyanath Basu, M A
1893 N N Ghosh, Barrister-at-Law
1909 Saradaranjan Ray, Vidyavinod, M A (*Offg*) / N N Ghosh, F R S L., Barrister at-Law / Saradaranjan Ray, Vidyavinod, M A
1910 J R Banerjea, M A, B L (*Offg*) / Saradaranjan Ray, Vidyavinod, M A
1916 J R Banerjea, M A, B L (*Offg*) / Saradaranjan Ray, Vidyavinod, M A
1917 J R Banerjea, M A, B L (*Offg*) / Saradaranjan Ray, Vidyavinod, M A.

11

City College, Calcutta.

AFFILIATED, 1881

This Institution was founded as a School under the name of the City School, in January, 1879 The aim of the institution from the beginning has been to impart education on a broader basis than is usually adopted, so that it should embrace not only intellectual training and the proper enforcement of discipline, but also the improvement of character and healthy development of the mind. The success of the institution, and the desire further to develop and carry out their ideas regarding education, led the council to add a College Department which was affiliated to the Calcutta University up to the standard of the First Arts Examination in January, 1881, and up to the B A standard in January, 1884, and B Sc in 1910

The institution is open to all classes of the community and consists of a College and a School Department In the School Department there are special classes in Drawing and Music, which are open to all students of the School without any extra payment. It has a Branch School teaching up to the Matriculation standard in the town of Mymensingh, called the City Collegiate School, Mymensingh Branch, opend in January, 1883

College Department.

The Course of instruction is adopted to the requirements of the University for degrees in Arts and Science.

Subjects taught

B A.—English (Pass and Honours), Sankrit (Pass and Honours), Philosophy (Pass and Honours), Mathematics (Pass and Honours), Political Economy and Political Philosophy, History, Persian, Vernacular Composition, Physics, Chemistry

B.Sc —Physics, Chemistry and Mathematics (Pass and Honours).

Fees

Arts and Sciences :—

Tuition Fee —Per month Rs 5 in the Intermediate classes and Rs. 6 in the B A and B Sc classes

Laboratory Charges —Re 1 per month

Admission Fee and Transfer Fee —Rs 5 in the Intermediate classes and Rs 6 in the B A, or B Sc classes

Punkha Fee —Re 1 per annum

College Union Fee —Re 1-8 per annum

Hostel and Boarding Houses

There are seven Boarding Houses attached to the College A hostel capable of accommodating about 180 students has been built at a cost of Rs. 2,70,000 the whole amount being contributed by the Government of India

The New College Building

The college removed to a commodious new building at 102-1, Amherst Street, in January 1918, the approximate cost of which is 2½ lacs of rupees This together with the hostel occupies about five bighas of land

Students' Common Room

The students' common room is open from 11 A M to 5 P M A number of periodicals, including some of the best English and American monthlies as well as literary and scientific journals and a collection of well-chosen biographies, novels and other useful works are kept for the use of students

The Library

Students are allowed to take out books from the Library

STAFF

Principal	Herambachandra Maitra, M A
Vice-Principal	Kaliprasanna Chattoraj M A
Professors of English Literature	Herambachandra Maitra, M A Rajanikanta Guha, M A Sureschandra Ray, M A Priyanath Chatterjee, M A Brajasundar Ray, M A
Lecturers in English	Brajendralal Ray, M A Binodebihari Banerjee M A Charukumar Sengupta, M A
Tutors in English	P Ramaswamy, B A Bankimchandra Pal, M A Kshitischandra Dasgupta, M A Jatindramohan Saha, M A Dhirendranath Mukerjee, M A
Professors of Mathematics	Kaliprasanna Chattoraj, M A Nagendranath Swarnakar, M A Satishchandra Chatterjee, M A
Lecturer in Mathematics	Pratapchandra Bhattacharyya, M A
Tutor in Mathematics	Phanimohan Mukerjee, M A
Professors of Physic	Jitendranath Sen, M A Abanibhushan Das, M Sc

Lecturer in Physics	Kalidas Chakrabarti, M Sc
Professors of Chemistry	Dhirendranath Mukerjee, M.A Pramathanath Sanyal, M A
Lecturer in Chemistry	Santoshkumar Banerjee, M Sc
Demonstrators	Satischandra Mitra, B A Dwijendranath Bhattacharyya, M Sc Debendranath Chatterjee, B A Surendranath Bose, B A Susilkumar Chatterjee, B Sc Durgacharan Mitra, B Sc Satyendranath Ganguli, M Sc
Professors of Philosophy and Logic	Hiralal Haldar, M A Ph D (*on leave*) (Dr Haldar will, by the kind permission of the Syndicate, take the Honours classes in Philosophy. Phanibhushan Chatterjee, M A Satischandra Sen, M A
Lecturer in Philosophy and Logic	Sureschandra Ghosh, M.A
Professors of History	Bhupendranath Chakrabarti, M A Brajasundar Ray, M A
Professors of Political Economy	Prafullakumar Chatterjee, B A (Cal), B Sc (London) (till July, 1919) Manmathanath Banerjee, M A
Professors of Sanskrit	Upendranath Ray, Vidyabhushan, B A M R A S Satyendranath Sen, M A, Vidyavagis
Lecturers in Sanskrit and Bengali	Bhagirathchandra Das, M A Satischandra Kavyatirtha, M A
Tutor in Sanskrit	Bipinbihari Guha, M A
Professor of Arabic and Persian	Maulvi Abdul Hadi
Superintendent	Satischandra Chatterjee, M A
Librarian	Surendra sasi Gupta
Inspector of Students' Residences	Durgacharan Mitra B Sc Satischandra Mitra B A

Besides the above staff two Examiners are appointed for the period from August to February to correct and mark papers in Philosophy and Logic

Free Studentships and Scholarships

There are about 50 free studentships which are awarded to poor deserving students

On the results of the periodical Examinations, 10 scholarships of the value of Rs 5 each are awarded annually, 5 to the Intermediate students and 5 to the B A and B Sc students

Constitution of the College--Mr A M Bose M A, Bar-at-Law, the founder and original proprietor of the College, made over, in 1887 by duly registered Trust Deed, the building and all other property movable and immovable, belonging te the Institution to the trustees who were to hold their office for life and entrusted in the same year the entire management of the Institution to a council consisting of nine members to be appointed periodically according to certain rules The Constitution of the College was changed in 1905, and the College was placed under a society, which was named the City College Institution, and which was registered under Act XXI of 1860 Under that Act all property belonging to the Institution vests in the governing body known as the City College Council, and the whole of the income has to be devoted to the maintenance and improvement of the College, no individual

having any proprietory interest in any portion thereof The name of the Society has now been changed into Brahma Samaj Education Society

The Council of the City College

Sir P C Ray, Kt, D.Sc (Edin.) Ph D
Dr P K Ray, D Sc
„ Brajendranath Seal, M A, Ph.D
„ Prankrishna Acharyya M A, M B
Hon'ble Sir Nilratan Sarkar, Kt, M A, M D
Mr Paresnath Sen B A
Mr Jatindranath Basu, M A., B L
Mr. Herambachandra Maitra, M A *Principal* and *Secretary*
Dr Hiralal Haldar, M A, Ph D
Mr Subodhchandra Mahalanabis, B Sc, F R S E
„ Kaliprasanna Chattoraj, M A
„ Krishnakumar Mitra, B A
„ Rajanikanta Guha, M A
„ Lalitmohan Das, M A
„ Sreegopal Chakrabarty M A
„ Annadacharan Sen, B A
„ Satisranjan Das, *Bar-at-Law, Secretary*
„ Sudhansumohan Bose M A *Bar-at-Law, Joint-Secretary*

A Provident Fund has been instituted with effect from January, 1915, for the benefit of the staff of the City College and the attached school

Succession list of Principals

1881	Umeschandra Dutt, B A
1907	Herambachandra Maitra M A
June, 1910	Kaliprasanna Chattoraj, M A *(officiating)*
January, 1911	Herambachandra Maitra M A

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Rangoon College

AFFILIATED, 1883

The College is affiliated as follows :—

B A—English (Pass and Honours), Pali (Pass and Honours), Mathematics (Pass and Honours), Philosophy (Pass), Persian (Pass), Physics (Pass), Chemistry (Pass and Honours)

B Sc—Mathematics (Pass and Honours), Chemistry (Pass and Honours) Physics (Pass)

I A—English, Pali, Latin, Persian, Mathematics, Logic, Chemistry, Physics
I.Sc—Mathematics, Physics, Chemistry

Law College —

Lectures and Instructions are provided for the University **B.L.** Courses and the local Pleadership Examinations

INSTRUCTIVE STAFF

Principal	...	M. Hunter, M.A, C.I E, F C.S
Professors of English	...	G H Luce, M A. A Campbell, M A C W Ainley, M A W. G. Fraser, M A.

Professors of Philosophy	L P Saunders, B A (on leave). G R T Ross M A, D. Phil (on leave). W Douglas, M A., B.Ph. (*Offg*)
Professors of Mathematics	L G Owen, M A Rai Sahib K P. De, M.A
Professor of Pali	Maung Tin, M A
Professor of Physics	K M Ward, B A
Professors of Chemistry	A E. Bellars, M A. R Venkateswaran, B A.
Lecturer in English	Maung Ba Maw, M A
Assistant Lecturer	B A Masani, B A
Lecturer in Persian	Mahomed Golam Akber, M.A.
Lecturer in Mathematics	S N Maitra, M A
Assistant ,, ,,	Maung Aung Hla, B A
Lecturer in Pali	Ahmed Cassim, B A
Lecturer in Philosophy	N. C Das Purkayastha, M.A.
Lecturer in Physics	N C K Aiyar, M.A.
Lecturer in Chemistry	... Maung Ba, B A
Demonstrators of Chemistry	Maung Ka, B A Maung Po Chu (on Military Service.) Maung Ba Than
Asst Demonstrator ,,	.. Maung Ba Theorin, B Sc Maung Ba Hla Tin, B A
Demonstrator of Physics	. Maung San Pwan, B Sc
Asst Demonstrators of Physics	H S Sokhey, B Sc Maung Sein Gyaw, B.Sc

LAW COLLEGE

Principal	... M Hunter, M A, C I E, F C. S
Senior Law Lecturer	T F R Mcdonnel B A, LL B, Bar-at-Law
Assistant Law Lecturer	The Hon'ble Maung May Aung M A LL B, Bar-at-Law
1st Additional Law Lecturer	Maung Gyi, M A, Bar-at-Law.
2nd	I C Bilimoria, Bar-at-Law

A monthly fee of Rs 7 and Rs 9 is charged for the I A, I Sc, and B A, B Sc Classes and Rs. 15 and Rs 10 for the Law Classes, respectively

Attached to the College is a College Hostel accommodating about 230 boarders (chiefly Burmese) under the management of Maung Ba, B A., F.C S, Lecturer in Chemistry, Maung Ba Hlaing, B A, Maung Ba Than and Maung San Pwan

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Ripon College

AFFILIATED, 1884.

The Institution was originally established as a School, under the name of the "Presidency School" in January, 1880 It continued for two years under the management of a Committee, and in January, 1882, the management passed entirely into the hands of Babu Surendranath Banerjee, who thus became the sole proprietor of the Institution

It was affiliated up to the F.A. standard in January, 1884, when the name was changed into the "Presidency Institution," which, however, was again changed into the present name in December, 1884 In 1885, it was affiliated up to the B.A and B L standards of the Calcutta University. Under the new Regulations it has obtained further affiliation to the B Sc and I.Sc. standards.

Babu Surendranath Banerjee executed a trust-deed, making the College a public Institution in charge of the following Trustees —Sir Rash Behary Ghose, Kt, C.S I, C.I E, The Rt Hon'ble Lord Sinha, P C, K C, Rai Bahadur Baikunthar ath Sen, The Hon'ble Sir Ashutosh Chaudhuri, Kt, The Hon'ble Babu Bhupendranath Basu, Dr U N Mukerjee, Mr J Chaudhury, the late Babu Ramendrasundar Trivedi and himself.

The administration of the College in respect of all its departments is vested in a Council consisting of members, some of whom serve *ex-officio* and others was elected by the Trustees or the Teaching Staff

The object of the Institution has been from the beginning to impart education to students of all classes of the people without distinction of creed or colour, at moderate and convenient rates of fees

The Institution has been removed to new premises in 1911 consisting of two commodious buildings, where the College and School classes are separately located

The Institution consists of two departments *viz.*, the General and the Law The General comprises the Collegiate Arts classes and the School Department which includes a vernacular section The Law Department consists of B L. and Pleadership classes.

The rates of fees are for the Intermediate in Arts Rs 5 and Intermediate in Science Rs 6, B.Sc Rs, 7, B A. classes Rs 6 B L clases Rs 6, Pleadership classes Rs 3, and for the School Department, the rates vary from Rs 3 to annas 8

INSTRUCTIVE STAFF

Law Department

Principal	.	Mr S C Chaudhury, M.A, L.L B
Vice Principal		Dr J N Kanjilal, M A, D L
Professors	..	Dr J. N Kanjilal M A, D L Gangadhar Mukerjee, B L.
Assistant Professors	.	J N Sinha, *Bar-at-Law* Asitaranjan Chatterjee, M A, B L. Asoke Dutt, B A, *Bar-at-Law* Nogendranath Bhattacharyya, M A, B L. Sailapati Chatterjee, M A, B L. D Basu, B L, *Bar at-Law* S N Chakrabarti, B A, *Bar-at-Law* S N Datta, M A, LL B. (Edin), *Bar-at-Law* Satyacharan Sinha, B L. A K Dhar, LL B (Lond) *Bar-at-Law*

College Department.

Principal and Prof of English	..	Janakinath Bhattacharyya, M A., B L
Vice-Principal and Prof of English	...	Rabindranarayan Ghosh, M A.
Professors of English Literature	...	Kirankumar Basu, M.A. Batuknath Bhattacharyya, M A. Rajendrabhusan Baksi, M A Anandakrishna Sinha, M.A.

Additional Professors of English	Durgapada Biswas, M A. Baradaprasad Pramanik, M.A. Nanibhushan Mukerjee, M.A. Dulal Ch Mallik, M A. Kirtishchandra Banerjee, M.A.
Professors of Mathematics	Devaprasad Ghosh, M A. Surendramohan Sengupta, M.A. Asutosh Pal M Sc Shambhunath Banerjee, M.Sc.
,, of Philosophy and Logic	Pramathanath Mukerjee, M A. Kalihar Sarkar, M A Bijaykumar Ray, M A Atulchandra Sen, M.A , B.L. Birendranath Basu, M A.
,, of Physical Science	Gangadhar Mukerjee, M A , B L. Nripendranath De, M A , B Sc. Surendanath Banerjee, M A. Umapati Bajpeyi, M A. M. Goswami, M A
,, of History and Political Economy	Harisadhan Chatterjee, M.A. Bipinbihari Gupta, M A Atindranath Mukerjee, M A , B.L
Professors of Sanskrit	Satkari Adhikari, M A. Krishnapada Vidyaratna Rajendra K Bhattacharyya, M A Jogendradas Chaudhuri, M A
Professor of Persian	Maulavi Abdul Hamid S M Moazem Hussain, M A
Asst Professors and Demonstrators	Sailendranath Basu, B.Sc Sureschandra Datta, M.Sc Jagadindu Ray. Radhikaranjn Guha, M.Sc. Prabhaschandra Ganguli, M.Sc.

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Bethune College

AFFILIATED, 1888.

This Institution for the education of girls, was founded in 1849 by the Hon'ble J E Drinkwater Bethune, after whose name it is called and by Dakhinaranjan Mookerji, Bahadur, Talukdar of Oudh, Zemindar of Bengal It was maintained by Mr. Bethune from his private funds until 1851, when he died The most Noble the Marquis of Dalhousie bore all its expenses from 1851 to 1856 It was then taken over and has since been supported by the Government of Bengal There is a Governing Body for the college appointed by Government, consisting of the following members :—

1 The Director of Public Instruction, Bengal, *President.* } *Ex-officio.*
2 The Principal of the College, *Secretary* }
3. The Hon'ble Sir Devaprased Sarbadhikary, Kt , C.I E.
4 Mrs. P. K Mozumdar
5. Mr S.C Mahalanobis, B Sc , F R S.E *Professor, Presidency College.*
6 Lady Wheeler
7 Lady Bose
8. Babu Debendranath Ray, M.A

There is also Managing Committee for the School appointed by Government, consisting of the following members —

1. The Principal of the College, *President*
2. Mrs Bear
3. Mrs A N Chowdhuri
4. Rai Chunilal Basu, Bahadur, M B, F C.S
5. The Head Mistress of the School *Secretary*
6. Mahendranarayan Sen

The College Department started in 1879, is open to girls of all ages and nationalities and provides for instruction up to the B A Standard of the Calcutta University It is affiliated in English, Vernacular Composition, Sanskrit, Bengali, History, Logic Mathematics and Botany for the Intermediate Examination, and in English (Pass and Honours), Vernacular Composition, Philosophy (Pass) History (Pass) Mathematics (Pass), Sanskrit (Pass and Honours), Economics (Pass) and Botany (Pass) for the B A Examination The School Department which is open to girls of Hindu nationality between 6 and 18 years of age, teaches up to the Matriculation Standard There is a Boarding establishmeut attached to the institution. The tuition fee for the day scholars is Rs 3 a month in the College Department and Rs 2 in the School Department Boarders are charged a uniform fee of Rs 11 a month excluding their tuition fees An admission fee of Rs 3 has to be paid by every day scholar of the College Department, the fee for the School Department being Rs. 2, and every boarder has to pay an admission fee of Rs. 11 excluding the fee for her admission to the College or the School A Bus fee of Rs 2 a month is also levied in case of students who use the College buses for conveyanee

INSTRUCTIVE STAFF

Principal	Miss G M Wright, Oxford Honour School, Modern History, Class II
Professors of English Literature	Paresnath Sen, B A Bijoygopal Mukerjee, M A
Professor of Logic and Philosophy	Krishnachandra Bhattacharyya, M.A
Lecturer in History and Political Economy and Political Philosophy	Binaykumar Chaudhuri, M A
Lecturer in Sanskrit	Debendranath Ray, M A Kumudbandhab Chatterji, M A
Lecturer in Bengali	Kumudbandhab Chatterji, M A
Lecturer in History	Miss Marie Bonnerjee M A, B T
Lecturer in Mathematics	Probodhchandra Sen, M A, B T
Lecturer in Botany	Mrs Sarojini Dutta, M A
Head Mistress	Miss Hiranmoyee Sen, B A., B T

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Victoria College, Cooch-Behar.

AFFILIATED, 1888

This College was founded to commemorate the Jubilee of Her Majesty the late Queen Empress Victoria and opened by His Highness the late Maharaja of Cooch-Behar on June 15th, 1888 For 19 years the College was maintained entirely at the expense of the State. A tuition fee of Rs 4 *per mensem* was introduced from Ist June, 1917

Students taking up Physics or Chemistry (or both) have to pay an additional fee of Re 1 (one) *per mensem*

The subjects taught at the College are –

B.A Examination —English (Pass and Honours), Bengali, Mental and Moral Science (Pass and Honours), Sanskrit, History, Political Economy and Political Philosophy and Mathematics

Intermediate Examination in Arts —English, Sanskrit, Bengali, History, Logic, Mathematics, Physics and Chemistry

Intermediate Examination in Science —English, Bengali, Mathematics, Physics and Chemistry

Two Scholarships of the value of Rs 20 each per month tenable for two years at the College, or elsewhere in the case of a scholar reading for the B Sc Degree are awarded on the results of the Intermediate Examinations Six stipends of the value of Rs 10 each, tenable for two years are awarded each year to six students of the First and Third-year classes in consideration of merit 15 natives of the State and local students receive gratuitous instruction

Attached to the College and under the control of the Principal is a Collegiate Hostel, charging a monthly fee of Rs 11 including tiffin per head, a Boarding Institution for the natives of the State maintained entirely at the expense of the State, and a Mahomedan Boarding Institution

The Jenkins School is attached to the College and is under the control of the Principal

The College Library is well equipped with standard works in the different subjects of study The total allotment in the College Budget for the Library and the Laboratory is Rs 1,100 a year, in addition to special collection of fees from Science students which is wholly spent on the Laboratory.

The State Library is also accessible to the advanced students, and forms an extensive collection of valuable works in different departments of Literature

There is a Gymnasium attached to the College in which the students of the Jenkins School and the College are taught exercises according to European and Indian methods

INSTRUCTIVE STAFF

Principal and Professor of Mathematics	Upendranarayan Sinha, M A
Professors of English Literature	Saratchandra Gupta, M A. Basantakumar Ray, M A Praphullaranjan Dhar, M A
Professor of Physics	Manorathadhan De, M A
Professors of Philosophy	Birendralal Bhattacharyya, M A Phakirdas Banerjee, M A
Professor of Sanskrit	Haridas Sengupta, M A
Professor of Chemistry and Superintendent of the Boarding	Phanibhushan Chatterjee, M.A
Professor of History and Bursar	Upendranath Ray, M A
Professor of Economics	Chunilal Mukerjee, M A
Professor of Mathematics	Nagendranath Basuray, M A.
Lecturer in Sanskrit	Nityagopal Vidyabinod Kavyavyakarantirtha
Head Master, Jenkins School	Manindranath Ray, M A.
Demonstrator of Science	... Jitendranath Dasgupta, B.Sc

List of Principals.

1888 J G Godley, M A	1896 Brajendranath Seal, M.A.
1889 W H A Wood, B.A	1913 Jaygopal Banerjee, M A.
1892 C F De la Fosse B A	1915 T L Vaswani, M A

1916 U N. Sinha, M.A.

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Bangabasi College

AFFILIATED, 1887

This Institution was founded under the name of Bangabasi School in May 1886 The success of the School in the first year of its existence led the proprietor to add to it a College Department, which was affiliated to the F A. standard in June, 1887, and to the B A and B.L standards in March, 1896 The College also prepared students and sent them up for the M A Examination for which separate affiliation was not required under Act II of 1857 Under the Universities Act of 1904, affiliation in the Intermediate standard in Arts was restricted to the subjects of English, Bengali, Sanskrit, Mathematics, History, Logic, Physics, Chemistry and Botany and in Science to the subjects of English, Bengali, Mathematics, Physics, Chemistry and Botany, in the B A standard restricted to the subjects of English (Pass and Honours), Bengali, Sanskrit (Pass and Honours), History (Pass), Mathematics (Pass and Honours) and Political Economy and Political Philosophy (Pass), and in the B Sc standard to the subjects of Physics (Pass), Chemistry (Pass), Botany (Pass) and Mathematics (Pass and Honours)

The Arts Department of the College has in addition to lecture works provision for regular tutorial help and exercise work in all the four classes conducted by the Professors in charge of the respective subjects with the help of tutors and supervised and scrutinized by Babu Lalitkumar Banerjee, the Senior Professor of English The Science Department consists of two lecture gallerys fitted up with the modern requirements of Science teaching, a Physics Laboratory a Chemistry Laboratory and a Botanical Laboratory, for the Intermediate students, four Physics Laboratories, two Chemical Laboratories, two balance rooms, one furnance room and two Botanical Laboratories for the B A and B Sc students Gas, water and electric connections have been so laid out that the students working in the Laboratories may have plentiful supply of these necessary adjuncts of practical work The Laboratory rooms are lighted up with powerful electric lamps so that practical work when necessary in continued right into the early part of the night The Laboratory work is conducted by the Professors and Demonstrators and scrutinized by the Principal

Practical Laboratory work in the Science subjects is recorded in manuscript books of prescribed size with a printed College label attached to each These manuscript books are carefully scrutinized, corrected and initialled by the Professors, Tutors and Demonstrators in charge Periodical exercises are given in rotation in all subjects once a month, and the answar-books returned regularly after being corrected and the marks or remarks entered in a record-book kept for the purpose Promotions and Selections for the University Examinations are regulated mainly on the basis of the records of marks or remarks

In view of the comforts of students, the lecture halls and galleries are provided with powerful electric fans which have completely replaced the old roller punkhas, and sanitary arrangements have been brought up to date.

There is a printed catalogue of books contained in the Library and each student is supplied with a copy of it at a nominal price Besides the books prescribed and recommended by the University, the Library possesses many other useful books of reference. To keep the Science students posted in facts of the latest developments of the subjects of their study, the Chemical Society's Journal, the Linnean Society's Journal, the Philosophical Magazine and Nature are subscribed. In the spacious Library, tables and seates have been arranged for the boys to consult books, Journals and other periodicals during intervals of rest. Excepting the prescribed text-books and books of reference, all other books are lent out to students, one volume at a time to be returned after a week.

There are several College Messes close to the College

The College has been publishing since January, 1903, a Magazine styled the *Bangabasi College Magazine*, which is issued once a moth excepting during the vacation months Educational matters and news mainly connected with the University, form the contents of the news column of the Magazine Political and controversial matters are on principle eschewed as unwholesome and beyond the range of our undergraduates The Magazine further affords an exercise ground for the students to try their powers of composition in English, Bengali and Sanskrit, above all it tends to promote an *esprit de corps* to which we attach great importance and which is one of the most potent factors in creating and upholding a genuine *College life and College atmosphere* In pursuance of this object a *Sporting Club* has been organized under whose auspices the College often enters for the Elliot Shield and other prizes open to College sporting clubs It thus enables the boys to spend their afternoons in mainly open air games wherein is developed that spirit of co-operation and healthy rivalry which is essential to the growth of a sturdy manhood Further there are two Associations *viz*,—an *Economics Association* and *College Association* mainly conducted by the First and Third year students, the Second and Fourth-year boys joining only occasionally

The administrative control of the Institution is entirely in the hands of a Governing Body consisting of eleven Members with Raja Peary mohan Mukerjee M A, B L, C S I, as President, and the Principal as Secretary. The financial control is also vested in the Governing Body subject, however, to the approval of the Trustees of the College consisting of Lord Sinha, P C, K C., Under-Secretary of State for India, Mr G C Bose, Principal, and three other members

Free Studentships—Government junior and senior scholars receive tuition free

College Scholarships — There are two graduate Scholarships of Rs 8 each

The College Staff

Principal

G C Bose M A, M R A C, M R A S, F R A S.

Tutorial Staff

Arts	*Science*
Lalitkumar Banerjee, M A	Kalidas Mallik, M.A.
Pulinbihari Kar, M A	Rajkumar Banerjee, M A
Devansunath Chakrabarti, M A	Pramodchandra Sen, M Sc
Nalininath Ghosh, M A	Sukhendrakumar Ray, M.Sc
Kalipada Mitra, M A	Ladlimohan Mitra, M Sc
Mrityunjay Chatterjee, M A	Basantakumar Sanyal, B Sc, (*Demonstrator*)
Mohitosh Raychaudhuri, M A	Sailendranath Bose, B Sc, (*Demonstrator*)
Siteschandra Kar, M A	G C Bose, M A
Nalinikanta Sengupta, M A	Harendranath Mitra, M A
Kaliprasad Banerjee, M Sc	Dakshinaranjan Banerjee, M Sc
Jogendranath Bhattacharyya, M.A	Anutosh Dasgupta, M.A
Bhabaibibhuti Bhattacharyya, M.A	Rohinikumar Majumdar, B Sc, (*Demonstrator*).
Panchanan Ghosal, M A	Khagendranath Bera, M Sc
Sailapati Chatterjee, M A	Jnanendranath Sen, M.Sc, (*Chemistry*)
Debendranath Mukerjee, M A	Indranarayan Mukerjee, B Sc
Rakhaldas Basu, B A	Jnanendranath Sengupta, M Sc, (*Physics*)
Jitendranath Chakrabarti, M A	Jogendrachandra Banerjee, B A.
Rajendrakumar Ghosh, M A.	
Rajkumar Chakrabarti, M A.	
Panchanan Ganguli, M A	
Dhirendrakrishna Mukerjee, M.A	
Mrinalkanti Basu, M.A	

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Brojomohun College, Barisal

AFFILIATED, 1889

This Institution was founded as a High Class English School on the 27th June, 1884, by late Babu Brojomohun Dutt, Small Cause Court Judge of Nadiya, at the request of the District Education Committee which had been instructed by the Director of Public Instruction to secure the establishment of a private school, as the number of students in the Barisal Zila School had at that time exceeded 600 and the buildings were found too small for the accommodation of so many boys Babu Brojomohun expressed a wish to raise the institution to the status of a second grade College but it could not be fulfilled on account of his sudden death His sons Babu Aswinikumar Dutt and the late Babus Kaminikumar Dutt and Jaminikumar Dutt encouraged by the unexpected success of the Institution and with a view to carry out the wishes of their deceased father added the college classes up to the F A. standard of the Calcutta University since June, 1889, and to the B.A standard since July, 1898

Babu Aswinikumar Dutt worked as an Honorary Professor from the foundation of the college up to 1906 giving up an extensive practice at the Bar

In March 1912 the Proprietors by a trust deed made over their rights and the management of the college to a council on which the Government, the Proprietors and local interests have been represented, the Rev E L Strong, M.A (Oxon.) being the first President of the Council, and the Government by an Indenture generously agreed to pay to the Institution three quarters of a lakh of rupees for the construction of a college building and monthly grant of Rs. 1,200 for the maintenance of the college and to acquire and make over a plot of land for the purposes of the college It was agreed that the school department should continue as before

A new site about a mile from the town and measuring about 56 bighas has been acquired and raised to the proper level and a new two storied building with 10 spacious rooms together with a suitable common room, out-houses, latrines, roads and temporary Kutcha hostels capable of accommodating 220 students and four Superintendents, as well as a separate house for the Optional Classes, have been constructed, at a cost of about Rs 1 33,000 The Government having paid a lakh of rupees in all for the site and buildings the deficit of Rs 33,000 has been met from other sources

The College classes except those for Chemistry students were removed to the new building after its completion in April, 1918

A new one storied building for the teaching of Chemistry, which is now under construction on the new site and is likely to cost about Rs 27,000 including that for the improvement of the Laboratory, will be ready for occupation from the next session

Mr J R Blackwood, I C S, District Magistrate of Barisal is the President of the College Council which has been reconstituted for the second term with effect from the 27th March, 1917

The object of the college has always been to impart to its students moral and unsectarian religious training together with intellectual and physical education

Fees —The tuition fee is Rs 4 per mensem with the additional contribution of Rs. 2 per annum Chemistry students have to pay one rupee per mensem in addition.

Special features —Among the special features of the college might be mentioned —(1) The teachers' and students' Friendly Union which presents to students by means of hymns, readings, sermons and discourses on the lives of great men, unsectarian cardinal principles of religion and morality. (2) "The Little Brothers of the Poor" consisting of a band of college and school students tend the helpless sick without distinction of caste or creed and help the poor Under its present gymnastics teacher Mr S K Guha and and Sports Secretary Prof N R Mookerjee the college has distinguished itself in athletics carrying off the James Roy Football Challenge Shield in 1915 and again in 1917 and 1919

Scholarship and prize —A Scholarship of Rs 10 a month called the "Bell Scholarship" after the Hon'ble Mr N D. Beatson-Bell, B A, C I.E, C S I, I C S. tenable for two years in the B A. Classes of this College, is awarded to the student who passes the I A Examination in the First Division and stands just below the students who secure Government Scholarships from this college

A silver medal or prize at the option of the recipient, founded by Babu Chandrasekhar Gupta, late Treasurer of the Currency Office, is awarded to the student who stands first among the successful Matriculation candidates of the school, provided he continues his studies in the college

Subjects taught in the I.A Classes —English, Bengali, Mathematics Sanskrit, Arabic, Persian, Logic, History and Chemistry

B A Classes —English (with Honorus) Mathematics, Bengali, Persian Sanskrit Philosophy (Pass and Honours) and History

THE COLLEGE STAFF

Principal and Professor of English Literature	Babu Nrityalal Mukerjee, M.A
Professors of English Literature	Babu Devendrakumar Chatterjee, M A „ Saurindrakumar Chaudhuri, M A „ Mukundakisor Chakravarti, M. A „ Jitendranath Dasgupta, M A
Professors of Mathematics	Babu Chintaharan Ray, M A „ Rohinikumar Bhattacharyya, M A.
Professors of Philosophy and Logic	Babu Hemantakumar Bose, M A. „ Bhabataran Chakravarti, M A. „ Gopalchandra Bhattacharyya, M A.
Professors of Sanskrit	Pandit Kaminikanta Vidyaratna Babu Atulchandra Dasgupta, M A
Vice-Principal and Professor of History	Babu Kalidasanna Ghose, B A, Secy, C C
Professor of History	Babu Nilratan Mukerjee, M A.
Professor of Persian and Arabic	Maulvi Abdus Sobhan
Professor of Chemistry	Babu Hemendranath Ray, M A
Demonstrator in Chemistry	Babu Mahendranath Gupta, B Sc.
Professor of Arabic and Persian	Maulvi Md Burhanuddin Fakhoul Mahaddesin

Succession List of Principals

1889-1890	Mr	Jnanendranath Chaudhuri, M A, B L
1890-1901	„	Brajendranath Chatterjee, M A, B L
1901-1911	„	Rajanikanta Guha, M A
1911	„	Nrityalal Mukerjee, M A

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Diocesan College

AFFILIATED, 1907

The College is affiliated to the Calcutta University, B A., English (Pas and Honours), Political Economy and Political Philosophy (Pass), Mathematics (Pass and Honours), Botany (Pass), History (Pass), Vernacular Composition, Sanskrit (Pass)

I A , English, History, Logic, Geography, Vernacular Composition, Sanskrit, Bengali

Training Class Department for B T and L T Examinations Hostel under care of resident Lady Principal

Collegiate School, exclusively for daughter of Indian gentlemen

Pupils prepared for Matriculation—Bengali, Urdu, and Sanskrit taught

Kindergarten Department under a fully trained and certified Mistress

Music Pianoforte, Violin, Indian Music, Instrumental and Vocal Pupils prepared for Trinity College Practical and Theoretical Examinations

Hostel under care of an English lady

COLLEGE AND COLLEGIATE SCHOOL STAFF 1920

Sister Mary Victoria, Lady Principal
Sister Georgina, Head Mistress of School
Miss H Jackson Honours Maths Mods and Pass Finals including Botany, Oxford, B A Dublin
Miss F Jackson, Mathematical Tripos, Cambridge, B A Dublin
Miss Kell, B A , London
Miss T Wright, B A , London, 1st Cl Hons in History
Miss Whitehouse, M A , London
Miss Burnett Hurst Honours in Education in the L L A , St Andrew's, Scotland
Mr B Mukerj , M A 1st Cl Pure Economics Calcutta
Mr P N Kundu M A , Calcutta
Miss C Dass, B A , B T Calcutta
Miss Weingartner B A , Calcutta
Pandit Vidhyabhusan I A , Calcutta
Moulvi Mohammed Khan I A , Calcutta
Miss Daltry, Higher Certificate N F W , Bedford, Kindergarten
Miss Seton, Senior Cambridge
Miss A Biswas, Senior Vernacular Training Certificate
Miss S Chatterji „ „ „ „
Miss E R Biswas „ „ „ „
Miss P Christien
Drawing and Painting Miss Cosserat
Violin M Sandre } Calcutta School of Music
M Guillaime }
Piano McCarthy
Singing Miss MacCarthy.
Indian Music The School Classes are under the supervision of the Sangit Sangha.
Hostel Nurse Mrs Wilks
Housekeeper Mrs Heap
Assistant Miss Biswas

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Jagannath College, Dacca

AFFILIATED, 1884

This Institution was started as a Middle Vernacular School. In 1872 an Entrance School was added In 1884 it was made a second grade College and in 1908 a first grade College It is named after the late Babu Jagannath Raychaudhury, Zemindar of Baliati, Dacca, father of the late Babu Kishorilal Raychaudhury the founder In March, 1907, it ceased to be a proprietary institution and was transferred to a Board of Trustees and by the end of the year it became a State-aided College The Principal has been appointed University Lecturer in English for Post-Graduate teaching, and M A Classes in English, group A, have been opened in the College

The subjects offered at present are —*In the B A* English (Honours), Sanskrit (Honours), Persian, Bengali, Urdu, Philosophy (Honours), Mathematics, History

In the Intermediate in Arts.—English, Sanskrit Persian, Bengali, Urdu, Logic, Mathematics, Physics, Chemistry and History

In the Intermediate in Science English, Bengali, Urdu, Mathematics Physics and Chemistry

Governing Body

President —J T Rankin, Esq, I.C S, Commissioner
Members —Babu Anandachandra Ray, Trustee
Rai Chandrakumar Datta, Bahadur, Trustee (Secretary)
Babu Jasodalal Raychaudhuri, Trustee
Rai Lalitmohan Chatterjee, Bahadur, M A Principal
Nawab Khajeh Mahomed Yusuff
Babu Satischandra, Sarkar, M.A.
,, Saratchandra Chakrabarti

TEACHING STAFF

Principal

Rai Lalitmohan Chatterjee, Bahadur, M A (English)

Professors and Demonstrators

Satischandra Sarkar, M A (English)
Phanindranath Lahiri, M A, (English
Sukharanjan Ray, M A, (English)
Sumtkumar Banerjee, M A, (English)
Nirmalkumar Gupta, M A, (History)
Saileshchandra Banerjee, M A (History)
Upendranath Gupta, M A (Philosophy and Logic)
Sarojkumar Das, M A, (Philosophy and Logic)
Rebatikumar Chakrabarti, M A, (Philosophy)
Dhirendranath Ganguli, M A (Mathematics)
Mahimchandra Pal, M A (Mathematics)
Kalikrishna Goswami, M A (Sanskrit)
Abhaycharan Chakravarti, M A (Sanskrit)
Pandit Bamacharan Bidyalankar (Sanskrit).
Rasbihary Bose, M A (Physics)
Jogeschandra Ghosh, M A, F C S (Lond), (Chemistry)

Moulvi Amiruddin Ahmed (Persian)
Akhilchandra Chanda, B Sc (Dem Chemistry)
Manoranjan Banerjee, B A , B Sc (Dem Chemistry)
Dineschandra Aichchaudhuri, B Sc (Dem Physics)
Suryyanarayan Ghosh (Dem Physics)
Nagendranath Nandi, B Sc (Lab Assistant)

Resident Superintendent of the College Hostel

Dhirendranath Ganguli, M A

Medical Officer

Umaprasanna Ghosh, L M S

Succession List of Principals

1884—Kunjalal Nag, M A
1895—Baikunthakisore Chakrabarti M A
1902—Herambachandra Maitra, M A
1904—Lalitmohan Chatterjee, Rai Bahadur, M A

Fees

Intermediate Classes – Rs 4 *per mensem* One rupee additional for students who offer a Science subject B A Classes– Rs 5 *per mensem* M A Classes— Rs 5 *per mensem* A limited number of poor and deserving students are admitted free or at reduced fees Accommodation in the College Hostel is rent free

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Judson College, Rangoon

AFFILIATED, 1894

This College was opened in May, 1894, and has been affiliated to the Calcutta University up to the B A standard It is under the control of the American Baptist Foreign Mission Society

A monthly fee of Rs 9 is charged in the B A and Rs 7 in the I A Classes

STAFF OF ADMINISTRATION AND INSTRUCTION

COLLEGE.

Principal Emeritus

Rev. Lewis Ezra Hicks, M A , Ph D , LL.D

Principal

Rev. David Chandler Gilmore, M A , D D

Vice-Principal

Rev Wallace St John, B D , Ph.D

Dean of Women

Miss Helen Kendrick Hunt, Ph B , B Sc

Professors of Mental and Moral Philosophy and Logic

Rev. Wallace St John B D Ph D
Mr Randolph Levi Howard, M.A

Professors of English Literature

Rev Raymond Noyes Crawford, M A
Mr Raymond Pilsbury Currier, B.A (on furlough)

Professor of Pali Literature

Rev Jesse Fowler Smith, B A (on furlough)

Professor of History

Rev Harry Everett Safford, M A

Professor of Mathematics

Rev Clarence Eugene Van Horn, M A

Professor of Chemistry

Mr Canell Henry Whitnah M Sc

Lecturers in English Literature

Mr Lao Htin Si, M A (on study leave)
Mrs H Broadbent

Lecturer in History

Mr Sarojkumar Sengupta, M A

Lecturer in Philosophy

Mr. Dindayal Banerjee, M A

Lecturer in Pali

Mr Dineschandra Kanungoe, M A

Instructor in Philosophy

Mr Lin Choon Foung, B A

Instructor in Pali and Burmese

Mr. Tun Pe, B A

Instructor in Mathematics

Mr Maung Pe, B.A

Instructor in English

Mr John Tun Myat, B A

Library

Mrs David Chandler Gilmore, Ph B., *Librarian*

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Cotton College, Gauhati

AFFILIATED, 1901

The College was established in 1901 as a purely Government Institution during the administration of Sir Henry Cotton, after whom it has been named and is under the control of the Director of Public Instruction, Assam

Originally started as a second grade institution teaching up to the F A standard it was housed in a building erected by Government at a cost of over half a lakh of rupees The short history of the college is one of steady growth since the establishment, due chiefly to the keen interest taken by Sir Lancelot Hare and Sir Archdale Earle, in extending its sphere of usefulness In 1909, when Assam formed part of Eastern Bengal, B A and B Sc Classes were first opened and a new Science block was added to the main building Since 1912, when Assam was reconstituted into a separate administration, the College has undergone further expansion Honours classes in different branches of studies were opened in 1914 and numerous additions have been made to meet increasing demands, a new block having been added for the exclusive accommodation of the Arts Section The College has a large Science Theatre with well equipped Chemical and Physical Laboratories, a good Library and a common room for students provided with leading periodicals and newspapers. At a distance of half a mile from the College there is a spacious play-ground entirely belonging to the College and the Collegiate School

Courses of Study

The College is affiliated to the University up to the M A standard in English (Group A), to the B A and B Sc Honours stage in English, Economics, Mathematics, Philosophy, History, Sanskrit, Physics and Chemistry, and to the B A Pass standard in Arabic and Persian In Intermediate in Arts and Science it is affiliated in English, Mathematics History, Sanskrit, Persian, Arabic Logic, Physics, Chemistry and Vernacular Composition

Connected with the College under the control of the Principal, there are two separate Hostels for the Hindus and the Mahomedans under the supervision and management of four Resident Superintendents The College Hostels have now accommodation for 276 boarders The cost of living in the Hostels ranges from Rs 10 to Rs 11 according to market fluctuations A visiting Medical Officer is in charge of the Hostels and looks after the health of the boarders

The fees levied in the College are Rs 5 monthly tuition fee and Rs 5 admission fee There is a limited number of free studentships which are awarded to deserving students Junior Scholarships are awarded to the residents of the Assam Valley, upon the results of the Matriculation Examination Senior Scholarships of the value of Rs 25, 20 15 and 10 are also awarded on the results of the Intermediate Examinations

Instructive Staff

Principal	F W Sudmersen, B A (London)
Professors of English Literature	R G Goffin, M A (London) Praphullachandra Ray, M A Asutosh Chatterjee, M A Suryyakumar Bhuyan M A Bamikanta Kakati, M A
Professors of Chemistry	Dr D Chakrabarti, Ph D (Offg) Chunilal De, M A A K Das, M A
Professor of Economics	A E Brown, M A (Cantab), LL B Bar-at-Law (on deputation)
Professors of Physics	D E Roberts, M Sc Acting as Principal Surendranath Chatterjee, M A
Professors of Mathematics	Rajanikanth Barat, M A Harshanath Sen, M Sc

Professor of Arabic and Persian	Sayed Md Muhibullah M A
Professors of Sanskrit	Padmanath Bhattacharyya, Vidyabinod, M A Lakshiminarayan Chatterjee, M A
Professor of Philosophy and Logic	.. R R Thomas, M A
Professors of History	Bijaychandra Sengupta, M A Bhubanmohan Sen, M A
Lecturer in Philosophy and Logic	Sureschandra Datta, M A
Demonstrator in Chemistry	Saratchandra Chatterjee, M Sc
Demonstrator in Physics	Taraleswar Bhattacharyya, M A
Lecturer in Assamese	Satyanath Bora, B L
Lecturer in Physics	Lakshminath Das, M Sc. (tempy)

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Chittagong College

AFFILIATED, 1869

This College is supported by Government, and is under the control of the Director of Public Instruction Bengal

It was originally opened as Zila School in 1836 by the General Committee of Public Instruction In January, 1869, it was raised to a Second Grade College teaching up to the F A (now Intermediate) standard A Law Department, teaching up to the Pleadership Examination standard was also added afterwards. The Collegiate School was separated from the College in April, 1910

The monthly tuition fee in the College Department is Rs 6, and in the Law Department, Rs 6

There is an endowment scholarship, called the "Raj Golokchandra Chaudhury Bahadur's Scholarship" of Rs 6 a month, tenable at this College for two years and awardable every year to the successful candidate at the Matriculation Examination who stands next below the Government Junior Scholars from the District of Chittagong

There is another endowment scholarship, called the "Kishori Mohini Scholarship" of Rs 5-8 per month tenable at this College (except when the recipient is a female) for two years and awardable every alternate year to the most deserving of the poor students of the Chittagong District, who may pass the Matriculation Examination of the Calcutta University but fail to secure any other scholarship

A Silver medal called the 'Nityananda Medal" to the value of the interest of Rs 400 given by Babu Rameschandra Das, Deputy Magistrate in memory of his father, late Babu Nityananda Das of Alampur, District Chittagong, is awarded annually to the best among the successful candidates from the Chittagong College in the B A. or B Sc Examination

Attached to the College there are a Hindu Hostel, and a Mahomedan Hostel Buddhist boarders are temporarily accommodated in a private house

The College has been affiliated up to the Intermediate standard in Arts and Science in English, Vernacular Composition, Sanskrit, Pali, Persian and Arabic History, Mathematics, Physics and Chemistry. From June, 1910, the College was raised to the first grade and was affiliated up to the B A standard in English Vernacular Composition, Sanskrit, Persian, (Honours), Arabic (Honours), Mathematics (Honours), History, Chemistry, Physics and Pali (Honours) From

June, 1913, the College has been affiliated up to the B.Sc. standard in Mathematics, (Honours), Physics and Chemistry From July, 1919, affiliation has been extended in English (Honours) Political Economy and Political Philosophy (Pass) up to the B A standard and Logic up to the Intermediate standard

INSTRUCTIVE STAFF

Principal and Professor of English Literature	J R Barrow, B A, (Cantab) (*On deputation*)
Professor of Physics and *Offg* Principal	Purnachandra Kundu, M.A
Professors of Mathematics	Jibanmohan Bose, M A, B Sc (Edn) Bar-at-Law (*On deputation*)
	Maulvi Ataul Hakim, M A, (*Offg.*)
Professor of English Literature	Nripendrachandra Banerjee, M.A
Professor of Chemistry	Kshitischandra Ray, M A
Professor of History	Akshaykumar Sarkar, M A
Professor of Arabic and Persian	Maulvi Mohamed Sonaulla, M A
Professor of Pali	Mahimaranjan Baruya, M A
Professor of Sanskrit	Surendranath Dasgupta, M.A
Professor of Political Economy	P. K Chatterjee, B Sc (Lond)
Offg Professor of English	Gopalchandra Bhattacharyya, M.A
Lecturer in Sanskrit	Bireswar Bose, M A
Lecturer in Mathematics	Sasadhar Dasgupta, M A, (*Offg*)
Lecturer in Arabic and Persian	Maulavi Abdul Latif
Lecturers in English	Jogeschandra Sinha, M A
	Praphullachandra Das, M A, (*Offg*)
Lecturer in Pali ..	Rev U Dhammawansa
Demonstrator in Chemistry	Kaminikumar Bhattacharyya, B A
Demonstrator in Physics	Narendranath Chatterjee, M Sc
Lecturer in Logic	Charusasi Chatterjee, M A.
Laboratory Asst., Physics	Brajendrakumar Sur, M Sc
,, ,, Chemistry	Aswinikumar Bhaumik, B Sc
Law Lecturer	Rajaniranjan, Sen, B L

Succession List of Principals

1869	J C Bose	1902	K C Raychaudhuri, M A
1877	C M Majumdar, M.A	1903	K C Bhattacharyya, B A
1885	William Dutt, M A	1910	F C Turner, M A., (Oxon)
1890	B Sen, M A (*Offg*)	1913	Egerton Smith, M A., (*Offg*)
1891	A C Chatterjee, B.A.	1914	F C Turner, M A, (Oxon)
1897	H C Ray, M A.	1915	J R Barrow, B A., (Cantab)
1889	D Dutt, M A	1917	P C Kundu, M A, (*Offg*)

23

Wesleyan College, Bankura

AFFILIATED, 1907

This College was established by the Wesleyan Methodist Mission in June 1903, partly because of the success of the Mission High School, now known as the Collegiate School, but chiefly because of the great demand for higher education in this part of Bengal There is no College within 60 miles, and the climate is dry and healthy The foundation of the College has been amply justified by the number of students who have entered it and the degree

of success obtained The College is affiliated in English (Pass and Honours), Sanskrit (Pass and Honours), Philosophy, Economics and Mathematics up to the B A standard and in the usual subjects (including Chemistry and Physics) for I A and I Sc

The College which is a handsome and convenient structure, stands in a compound of 115 bighas Gas and electricity are manufactured on the premises The College has an up-to-date workshop and an Astronomical observatory The first College Hostel, a fine two storied building, holds 88 students and the second, the Ronaldshay Hostel, contains 64 single rooms There is at present room for 60 students in attached Messes outside the compound

The aim of the College is to give a sound healthy education based on high moral and Christians principles The closest possible intercourse between Professors and students is attained Cramming is discouraged Scripture is taught systematically The playing fields are very extensive Cricket, football, hockey tennis and badminton are popular

SCHOLARSHIPS

(1) *John Mitchell Scholarship*—To commemorate the services of the Rev John Mitchell, M A, as Principal of the College from 1903-1917 Rs 10 monthly for one year, tenable in the Third-year Class

(2) *W Owston Smith Scholarship*—Founded by the late Sir William Smith and Mr R O Smith to commemorate the honorary services of Mr Owston Smith, M A, in the college from 1909 1914 Rs 15 monthly, tenable for one year in the Fourth-year Class

(3) *Moulton Scholarships*—Founded by friends in Manchester, in memory of the late Rev J H Moulton, D Litt, D D, D C L, D Theol, Professor in Manchester University, and in the Wesleyan Theological College, Didsbury About Rs 9 monthly each to two Christian students

MEDALS

(1) *Sarat Kumari Mitra Medal*—Given annually by Professor S K. Mitra M Sc, a former Professor in this college, in memory of his mother, to the student who stands first in Physics from this college in the I A and I Sc Examinations

(2) *Haripada Nandi Medal*—In memory of the late Babu Haripada Nandi given annually to the student of the Third-year Class who stands first in English

PRIZES

(1) Professor S K Karmakar, M A, gives annually 4 prizes of the value of Rs 10 each to the first student in Mathematics in each class

(2) Professor P K Banerjee, M Sc, gives annually a prize of the value of Rs 15 to the student who does the best work in Practical Chemistry

(3) *Parsons Prize*—Given annually in memory of the late Mrs S. A Parsons to the value of Rs 15 to the Third-year Student of this College who obtains the highest mark in the Third English Paper in the I A or I Sc Examination and who continues to read in the college

(4) Four College Prizes for general proficiency, two each of the First and Third-year Classes

The monthly fee is Rs 5, with Re 1 extra for Chemistry or Physics and Rs 1-8 for both

INSTRUCTIVE STAFF

Principal	Rev A E. Brown, M.A (Cantab) B Sc (London)
Vice-Principal	Rev E J Thompson, B A (London), M C
Professors of English	Rev A. R Spooner, B A (London) Mrs A E Brown, M A (Dublin), Med & Mod Lang Tripos (Cantab)*
Professor of Mathematics	Bibhutibhusan Banerjee, M A
,, Sanskrit	Srikanta Karmakar, M A
,, History	Ramsaran Ghosh, M A
,, Physics	Jatindrachandra Guha, M A
,, Chemistry	Rajendrachandra Banerjee, M Sc
,, Economics	Pramodkisor Banerjee, M.Sc.
,, Philosophy	Jitendrachandra Banerjee, M A
,, Logic	Ratneshchandra Sen, M A
Assistant in Sanskrit & Bengali	Sasankasekhar Banerjee, M A
Demonstrator	Anangamohan Kabyatirtha.
Tutor in English	Kalachand Mukherjee, B Sc
	Alfred Singh, M A

24

Victoria College, Narail

AFFILIATED, 1886

This College was originally founded as an H E. School by the late Babu Ramtanan Ray, the local Zemindar It was raised to the status of a second grade College in 1880 and to that of first grade College in 1890 There are however, at present no B A classes in the Institution The College building is a splendid *pucca* one, situated in the midst of a vast lawn, which affords good space for all sorts of manly exercise. The Boarding House attached to the College is also a *pucca* one which, from its position and facilites for athletic sports most prove an attractive residence to students All the Professors, Teachers and students of the College and the Collegiate School receive free medical aid, provided by the descendants of the founder The Vernacular School attached to the College has been incorporated with the Collegiate School, and the whole institution, in all the Departments, is under the control and supervision of the Principal.

The rate of fees in the College classes is Rs 3 per month

The Library of the College is well furnished with all the necessary or important works in English Literature The Professors, including the Principal, are not only always accessible to students but are ever ready to help the boys in all sorts of ways

INSTRUCTIVE STAFF

Principal and Professor of English Literature	Gopalchandra Maitra, M A
Professor of History	Amritalal Ray, B A
Professor of Logic	Gokulchandra Banerjee, M A
Professor of Mathematics	Gurudas Gupta, M A.
Professors of Sanskrit	Haragovinda Siromani, Anandacharan Kavyatirtha.
Tutor and Librarian	Rameschandra Banerjee, M.A

* On forlough.

List of Principals

1886 Jogendranath Sen, M A., B L
1888 Kalisankar Sukul, M A
1892 Umeshchandra Ghosh, M A B L, F.R A S
1901 Amritalal Ray, B A (*Offg.*)
1902 Annadaprasad Bhattacharyya M A
1903 { Amritalal Ray, B A (*Offg*) Gopalchandra Maitra, M.A

25

The Central College, Calcutta

AFFILIATED, 1896

This Institution was founded as a higher class English School, under the name of the "University Institution," on the 2nd June, 1893 The name, however, was shortly changed, and the Institution was recognised by the University of Calcutta under the name of the "Central Institution" which was altered again, in 1896, into the one it at present bears The unexpected success of the School within a short period of its starting and the connection of a number of experienced educationists with its teaching staff, led to its being raised to the status of a Second Grade College in June, 1894

The results for 1895, both in the Entrance and F A Examinations, having still further improved the prospects of the Institution, an application was made for its affiliation up to the B A standard of the University, and it attained to the status of a First Grade College in January, 1896 It completed the full period of five years for which it was stipulated to be maintained in June, 1901 and retained its rank and position as a First Grade College for full 14 years, that is up to May, 1910, when, under the operation of the new Regulations, its affiliation came to be restricted to Intermediate Arts standard of the University

The institution is not, and has never been, supported by any donations, subscriptions or other aids, and its proprietory rights and responsibilities have absolutely been in the hands of its founder, Babu Khudiram Bose Recently, however, a change in its present constitution, has been proposed.

Since the enforcement of the new Regulations of the University, the management of the College and the Collegiate School has been vested in a regularly constituted governing body and on the demise and resignation of some of its old members during the previous years it has been reconstituted in the following way —Lieut Col S P Sarbadhikari, C I E, M D (*President*) A K Ghosh, Esq, B A (*Cantab*) Bar-at-Law, (*Vice-President*), C H, Linton, Esq, M A, and R L Dutt Esq, D Sc (*Members*) and, the Principal of the College (*Member and Secretary*)

The object of the Institution, as remodelled after the promulgation of the new Regulations of the University, is to provide an un-aided College after the model of the great educationist, Pandit Vidyasagar, in the northern part of the city, for students of moderate means and resources, combining physical and moral training with the type of intellectual training, principally on the Arts side, adapted to the present day requirements of the University. Attention is paid to proper enforcement of discipline by precept and example, and examinations and exercises are held frequently B A classes had been at work since June, 1896 and several among the many graduates from this Institution had graduated with Honours in the course of these years The percentage of F.A success for 1907 was exactly 50, and that of B A (*A Course*) close upon that figure—an indubitable evidence of the success and efficiency of the College

work for the year, markedly in connection with the B A test—beating, as it did, not only its own past records but also, those of all its sister institutions in this city for the year [*Calcutta University Minutes* 1907] In 1919, again the number of I A successes was 210 (with 52, in the 1st Div)

The ordinary rate of the monthly tuition-fee in the College Department is Rs 5 The fee for admission is equal to a month's tuition-fee

Two scholarships named "*King-Emperor and Queen-Empress Coronation Memorial Scholarships*" of the annual value of Rs 60 to be awarded to two such students of the Institution as would pass with distinction the Matriculation test of the University from this Collegiate School, have been recently provided for, in addition to a lot of School Annual (*Victoria Memorial*) Scholarships determined by the results of the school annual examinations Two other Scholarships- *Vidyasagar Memorial* and *Bireswar Mitter Memorial*—are also awarded, one, to the student who stands first in the test examination in all the subjects taken together, and the other, in Mathematics only, of the Matriculation Class of the School Two gold medals, named "Durgacharan Sarkar Medal" and "Gaganchandra Basu Medal", are to be awarded by the Founder or Principal of the Institution—the one, in memory of his youngest brother and pupil and the other, in memory of one of his distinguished pupils, both in Pandit Vidyasagar's Metropolitan Institution—to two such students of this College as would secure a Duff Scholarship and the highest number of marks in Logic, respectively at the Intermediate Examination in Arts of the University for any year

The Logic Gold—Medal (Gaganchandra Bose) has been awarded in a very recent year

INSTRUCTIVE STAFF

Principal and Professor of Logic	Khudiram Basu, B A
Professors of English Literature	C H Linton, M A H W B Moreno, B A
Professor of Mathematics	Makhanlal Banerji, M A, B L Satindranath Raychaudhuri, M A, B L.
Tutor and Lecturer in History (Temporary)	Labanyalal Mookerjee M A, B L
Professor of History	Dwijendranath Datta, M A, B L
Professor of Sanskrit and Bengali	Trailokyanath Kabibhushan
Lecturer and Tutor in Sanskrit	Abanimohan De, B A,
Tutor and Lecturer in English	R K Chakrabarti, M A (Bankimchandra *Gold Medallist*)
Examiner and Lecturer in Logic	R R Banerji, M A

26

Midnapore College

AFFILIATED, 1873

This Institution was founded as a Zila School in 1834, and was converted into a High School in 1873, changing the nomenclature of Government School it has been called the Midnapur Second Grade College It is supported partly by Government and partly by the interest of an endowment fund raised by the people of the district of Midnapur, amounting to Rs 5,000 in Government Securities and Municipal Debentures The management of the Institution which was formerly in the hands of the Director of Public Instruction and of a District School Committee was made over by Government to the local Municipality on the 1st of July, 1887, on the grant-in aid system

It consists of a College and a School Depatment Into the former such students are admitted as have passed the University Matriculation Examination and intend to appear in the Intermediate Examinations The monthly fee in the College Department varies from Rs 5 to Rs 6-8 Rs 5 for those who take up pure Arts subjects Rs 6 for a combination with one Science Subject and Rs 6 8 for I Sc Students

A Law Department was opened in 1872 The B L Classes have been abolished and it now trains students for the Pleadership Examination only The rate of fee for this Department is Rs 5 a month

There is a gymnastic class attached to the College in which boys are taught exercises according to European and Indian Methods Drill Instructor has been appointed The boys also play games such as Football, Tennis, Badminton, Cricket and Hockey

Local Scholarship and Medals

1 Luchman Prosad Gurgo Scholarship of Rs 5 per mensem now reduced to Rs 4), tenable for two years, founded by the Zamindar of Mahisadal, of that name, and one Ajodhyaram Khan Scholarship of Rs 5 per mensem,tenable for two years, founded by Raja Mahendralal Khan, Zamindar of Midnapur, to perpetuate the memory of his father, are awarded annually to the two most deserving students, who pass the University Matriculation Examination from the Collegiate School, provided they are not holders of Government Scholarships and intend to prosecute their studies in this College

2 One Luchman Prosad Gurgo Gold Medal of the value of about Rs 32 endowed by the Zemindar of Mahisadal of that name, is awarded annually to the student from the Midnapur College who passes highest at the I A Examination

3 Four Silver Medals of the value of about Rs 16 each called the Harrison the Martin, the Kaliprasanna Raychaudhuri, and the Bipinbihari Datta Medals, are annually awarded to the best students in History in Mathematics, in English Composition, and in English Language and Literature respectively The money for the Martin Medal fund was subscribed by the Bengali friends and admirers of the late R L Martin, Esq, Inspector of Schools, to commemorate his name The money for the other medals is drawn from endowments given by those after whom the medals are named There is another Silver Medal called the "Abhayacharan Medal" which is annually awarded to the candidate who obtains the highest marks in History among the successful Matriculation candidates from the Collegiate School The money for this medal was subscribed by the friends and students of the late Babu Abhayacharan Basu Head Master of the Collegiate School Another Silver Medal of the value of about Rs 16 is annually awarded to the best student in Sanskrit The medal is called George V Coronation Medal The money for this medal (3 Government papers to the value of Rs 100 each) was received from Babu Atalbihari Sinha, B L, Law Lecturer of this College

4 A Hostel to accommodate 86 students was constructed in 1910 by Government at a cost of about Rs 40,000, half of which came from the Raja of Mahisadal and half from Government It was opened in June, 1910 It is divided into two equel sections occupied by the college and school departments

Instructive Staff

Principal	Jogendranath Hazra, M A
Lecturer in English Literature	Babu Mohinimohan Mukerji, M A.
Lecturer in Mathematics	Jogendranath Hazra, M A
Lecturer in English Literature	Haricharan Mookerjee, M A
Lecturer in Physics	Hemchandra Sanyal, M A, B.L

Lecturer in Chemistry	Jagadischandra Das, M.A
Demonstrator in Chemistry	Bishnupada Pal, B.Sc
Lecturer in History	Debendramohan Bhattacharyya, M A, B L
Lecturer in Logic	Aswinikumar Dutt, M.A
Lecturer in History	Debendramohan Bhattacharji
Lecturer in Sanskrit	Jnanendrachandra Chatterjee
Lecturer in Persian	Maulavi Abdul Bari
Law Lecturer	Atalbihari Sinha, B L

Succession list of Principals

1873—1884	Gangadhar Acharyya
1884—1891	Syamacharan Das
1892—1897	Haricharan Ray, M.A
1898—1911	R L. Maitra, M A
1911	W K Duthie M A
1912	J N Hazra, M A

27

Burdwan Raj College.

AFFILIATED, 1882

This Institution, since its first establishment in 1817 has been one of slow but steady growth True to its mission of supplying the demands of the public of Burdwan for education in the modern acception of the term, it has always kept pace with the real wants of the place Started as an Anglo-Vernacular School imparting rudimentary education which satisfied the intellectual cravings of the Burdwan people during the early days of the British rule in India, it passed through different stages of improvement, developed various phases of usefulness and at last attained a recognised position as a Second Grade College in 1881.

The educational establishments of the Maharajadhiraj Bahadur divide themselves at the present time under five heads —

First, the College Department, which is epen to all students that are matriculated in the Calcutta University, teaching up to the I A standard The monthly tuition fee is Rs 4, but there are numerous free-studentships and half-pay-studentships awarded to deserving pupils

Second, the School Department, serving chiefly as a feeder to the above preparing students for the Calcutta University Matriculation Examination

Third, the Persian Department, teaching, amongst others, those boys at the first two departments, that take up Persian as their Second Language.

Fourth, the Sanskrit School imparting instruction in the orthodox native style to those, whose religious scruples prevent them from availing themselves of the advantages of the English School

And fifth and last, the Girls' School, the present provision in connection with which, is more than sufficient to meet the requirments of female education as it is understood at Burdwan All these departments are under the control of the Principal

The disbursemeats in the different departments, aggregate annually about Rs. 32,200, they being entirely met by the munificent charity of the Maharajadhiraj Bahadur

Several boys in consideration of their extreme indigence, are found in money, besides provided with free tuition

Three scholarships, each of Rs 10 per mensem, and tenable for two years are annually awarded to some of the most successful I A candidates from the College, to assist them in the further prosecution of their University studies

INSTRUCTIVE STAFF

College Department

Principal and Professor of English and Sanskrit		Umacharan Bandyopadhyay, M.A
Professor of Mathematics		Kalaliprasad Ray, M A
Professor of English		Manibhushan Sen, M A
Professor of History		Gopalkinkar Mukerjee, M A, B L
Professor of Logic	.	Nanigopal Banerjee, M A
Lecturer in Persian	...	Nurul Islam (Offg)

List of Principals

1881 W Billing	1884 Ramnarayan Datta, B A,
1882 Kunjalal Nag, M A	1891 Umacharan Bandopadhyay, M.A

There is an un-attached College Mess in a nice and commodious building, with extensive premises and capable of accommodating more than 50 students Seat rent and establishment charges are paid by the Raj Free Medical help is also supplied to the boarders

The management of the College and the Collegiate School is vested in a Committee consisting of —

Hon'ble Sir Bijaychand Mahtab, K C S I, K C I E, I.O M, Maharajadhiraja Bahadur of Burdwan, *President*

Babu Debendranath Mitra, Government Pleader, *Member*

„ Jagadbandhu Mitra, L M S, Assistant Surgeon, *Member,*

„ Hrishikes Chatterjee B L, Deputy Manager, Burdwan Raj, *Member*

„ Umacharan Banerjee, M A., Principal, Burdwan Raj College, *Member and Secretary.*

„ Manibhushan Sen, M.A, Prof of English, *Member*

„ Karunakumar Chatterjee, M.A, Head Master, Collegiate School *Member.*

„ Moulvi Sayed Abdul Mowla, Late Vice-Chairman, Burdwan Municipality, *Member*

28

Uttarpara College.

AFFILIATED, 1887

This College is the final outcome of the long-continued efforts of the late Babu Jaykissen Mukerji in furtherance of the cause of English education in Bengal In 1846, he had a Government School opened at Uttarpara on the basis of an endowment by him and his brother the late Babu Rajkissen Mukerji, of Rs 1,200 a year, and a Government assignment of equal value. The School prospered and own its way to the front rank among the Schools in Bengal.

Babu Jaykissen's wish was that his School should ultimately expand into a College, and to this end, so long as the year 1853 he asked Government to raise the school to a first class College, offering to contribute an equal sum with Government towards the maintenance of the College. In 1883, he submitted a proposal for the conversion of the School into a Second Grade College offering to make an endowment for its support so that it may cost the Government nothing. The recently initiated educational policy of Government stood, however in the way of his proposal being accepted, and it was accordingly not accepted.

He finally went up to Government in April, 1887, with a proposal for the establishment of an aided College in connection with the old Government School. Government accorded him permission to open such a College, but on the condition that he took the School off the hands of Government. He agreed to do so, provided Government left the school the material advantage it derived from its connection with the Government. It took some time to settle the terms of the transfer, which was formally effected in March, 1889. The College and the Collegiate School were then under the management of a Board consisting of the Collector of Hughly as President, of Raja Pearymohan Mukerji, C.S.I., and of Babu Rashbihari Mukerji as representatives of the late Babu Jaykissen Mukerji and of Babu Manohar Mukerji as representative of the late Babu Rajkissen Mukerji. But the Uttarpara School having been resumed by Government on 1st April, 1897, the College is now maintained by its proprietor, Raja Pearymohan Mukerji, C.S.I., M.A., B.L.

INSTRUCTIVE STAFF

Principal and Professor of Logic and History	Jogendranath Mitra, M.A., B.L.
Professor of English Literature	Nanigopal Mukherjee, M.A.
" Physics	Dhrubakumar Pal, M.A., B.Sc., B.L.
" Chemistry	Pannalal Mukerjee, M.Sc.
" Mathematics	Saratchandra Rudra, M.A.
" Sanskrit and Bengali	Pandit Ramchandra Kabya-Smriti-Mimansatirtha
Lecturer in Bengali	Pandit Gurudas Gupta, Vidyavinode
Demonstrator	Mahendranath Gupta, B.Sc.

29

Murarichand College, Sylhet

AFFILIATED, 1891

This Institution was founded as a Higher Graded English School in 1886 by the late Raja Girischandra Ray, Zemindar of Sylhet, who after long-continued efforts in furtherance of the cause of higher education, raised it to the status of a Second Grade College in 1891. It is named Murarichand College after the name of the proprietor's grandfather, the late Babu Murarichand Ray.

The College has been provincialised from the 1st of April, 1912, but the name of the College has been retained as Murarichand College, Sylhet, in accordance with one of the conditions under which the late proprietor agreed to the transfer of the College to Government management.

When the new Regulations came into force in 1905, affiliation was restricted to the Intermediate in Arts in the following subjects, namely, English, Vernacular Composition, Mathematics, Logic, Chemistry, Sanskrit, Arabic and

Persian In the year following the provincialisation of the College, affiliation was extended in the following courses and subjects, namely, History, and Physics in the Intermediate in Arts, and English, Vernacular Composition, Mathematics, Physics and Chemistry in the Intermediate in Science

The affiliation of the College was further extended to the B.A. Pass standard in 1916, in the following subjects, namely, English, Vernacular Composition, Mathematics, Sanskrit, Persian, Arabic, History and Philosophy, and it was further extended to the B A Honours standard in Sanskrit in 1918.

The fees in the college classes are as follows —

Intermediate Classes		Rs 4 per mensem.
B A Classes	...	Rs 5 „ „

There are three Hostels attached to the College, two for Hindu pupils to accommodate 116, and the other for Mahomedan pupils to accommodate 38 The Hostels are under competent supervision

Land to the extent of 26 acres, was acquired for the permanent establishment of the college, situated in the heart of the town of Sylhet This has however, been abandoned in favour of a better site outside the town, containing about 112 acres of land, the acquisition of which has been completed It is expected that, the question of the site having thus been finally settled, the construction of the permanent buildings will be well in hand during the course of the year 1920

INSTRUCTIVE STAFF

Principal	A C Datta, B A (Cantab), F R Met.S
Professors of English	Sureschandra Sengupta, M A Surendrachandra Gupta, M A Sasimohan Chakrabarty, M A
„ Mathematics	Surendranath Sen, M A
„ Logic and Philosophy	Surendralal Kundu, M A Prabodhchandra Sanyal, M.A
„ Sanskrit	Vanamali Chakravarti, Vedantatirtha, M A Nalinimohan Mukherjee, Shastri, M.A.
„ Persian and Arabic	Abdulla Abu Sayed M A. Majuddin Ahmed, M A
„ History	Kishorimohan Gupta, M.A. Nimaichand Sil, M A
„ Physics	Radhagobinda Bhowani, M.A., B.L.
„ Chemistry	Jatindramohan Datta, M A, F.C.S.
Demonstrator in Chemistry	Gopalchandra Sen, B A.
„ in Physics	Sitanath Prandhan, M Sc.

30

Krishnachandra College, Hetampur.

AFFILIATED, 1897

This institution founded in the name of the father-in-law by late Rani Padma Sundari Devi of Hetampur and opened on 27th June, 1897, situated at Hetampur, a village in the District of Birbhum within 2½ miles of the Railway Station, Dubrajpur (Ondal-Sainthia Chord) East Indian Railway The place is reported to be very healthy and has a relatively dry climate and having none of the distractions of large towns it is specially suited for development of a sound and healthy Collegiate life

The College building is a handsome structure formerly used for the worship of the Goddess Saraswati By a registered trust deed the late proprietress endowed the College with an annual income of Rs 6,100 chargeable on certain of her estates in the districts of Birbhum and Santhal Parganas The management of the College is in the hands of a committee

This College has been affiliated up to the Intermediate Examination in Arts under the new regulations in the following subjects —English, Bengali, Logic, History, Sanskrit, Mathematics and Physics Of the optional subjects taught all combinations are allowed

The tuition fee is Rs 4 per month Five free studentships are granted according to the rules of the College to deserving students in each class All Government Scholars are admitted free The number of students in each class being limited they receive an exceptional amount of Individual attention.

There is a Hostel attached to the College pleasantly situated outside the village and is under the charge of a Resident Medical Superintendent The monthly charge for each boarder is about Rs 9

INSTRUCTIVE STAFF

Principal and Professor of English, Literature	Dharmadas Dutt, M A , M R A S
Professor of Physics	Vacant
Professor of Logic	Anilbaran Ray, M A
Professor of Mathematics	Bhupendrachandra Sengupta, M A , B L
Lecturer in History and Tutor of English	Saratkumar Sen, M A
Professor of Sanskrit	Durgamohan Kavyatirtha

List of Principals

1897 Dr Jogendranath Bhattacharyya M A , D L
1899 Akshaykumar Sen, M A , B L.
1902 Saratchandra Bhattacharyya, M A , (*Offg*)
1903 Akshaykumar Sen, M A , B L
1905 Radhikamohan Chaudhuri, M A , (*Offg*)
1906 Radhikamohan Chaudhuri, M A.
1908 Atulchandra Sen, M A , B L , (*Offg*)
1909 Atulchandra Sen, M A , B L
1910 Dharmadas Dutt, M A , (*Offg*)
1911 Dharmadas Dutt, M A.

31

The Edward College, Pabna.

AFFILIATED, 1898

This College was originally founded by Babu Gopalchandra Lahiri, who in 1898, added the F A classes to his school teaching up to the Entrance standard and called the Pabna Institution In 1906 the management of the College which obtained the new name of "Pabna College" was made over to a committee elected by the public In August, 1911, with a view to commemorate the loving memory of the late King-Emperer Edward VII, the College was named after His late Imperial Majesty

The constitution of the Governing Body of the College has undergone a through change. New rules have been adopted with the approval of Government, under which the management of the College is vested in a committee consisting of —

(*i*) The District Magistrate of Pabna, *President, ex-officio.*

(*ii*) (*iii*) (*iv*) } Three nominees of Government

(*v*) One nominee of the eldest male descendant of the late Rai Banamali Ray, Bahadur, (in consideration of his generous donation of Rs 50,000 to the College)

(*vi*) One member elected by the other donors and subscribers of the College

(*vii*) The Chairman of the Pabna Municipality, *ex-officio*

(*viii*) The Principal, Edward College, Secretary. *ex-officio*

(*ix*) (*x*) } Two members elected by the retiring Governing Body

(*xi*) (*xii*) } Two members elected by the Professors of the College from among themselves, one from the Arts and the other from the Science Department

During the visit of his Excellency the Governor of Bengal in August, 1912 His Excellency was pleased to announce in his reply to the address that Rai Banamali Ray Bahadur (since deceased), Zemindar, Tarash, Pabna would give a donation of Rs 50,000 to the College In December, 1912, the Government of Bengal sanctioned a capital grant of Rs 50,000 on condition of the realisation in full of the promised donation of the said Rai Banamali Ray, Bahadur, and a recurring grant of Rs 500 a month on condition of the actual collection of Rs 30,000 paid or promised by other gentlemen. The donation promised by the Rai Bahadur has been realised in full, and the capital grant of Rs 50,000 has been received from Government The construction of new College and Hostel buildings have since been completed and the College and the Hostels have been removed to the new premises Out of Rs 30,000 to be raised from the public, Rs 17,104 has been actually raised and a beautiful site on the river Ichamati consisting of 40 bighas of land for the College and Hostel buildings has been acquired the value of which has been estimated to be Rs 25,000 The recurring grant of Rs 500 a month has been sanctioned with effect from the 1st June, 1914, and the College has now been placed on a sound financial basis

The College teaches the following subjects up to the Intermediate standard in Arts —

English, Bengali, Sanskrit, Persian, Mathematics, Logic, History and Chemistry Of the optional subjects taught, all combinations are allowed.

The tuition fee is Rs 5 a month An additional fee of Re 1 is charged from each of the Second-year boys reading Chemistry The Boarding charges amount to about Rs 10 per mensem

Five per cent of the students on the rolls are admitted free, besides Government scholars

There are two scholarships, called the Banamali Jubilee scholarships named after their donor, Rai Banamali Ray Bahadur of Tarash, Pabna, of the value of Rs 8 a month, and originally tenable for two years at the Rajshahi College have been made tenable at the Edward College also from the year 1906-07. They are open to two best and poor students who pass the Matriculation Examination—one from the Pabna Zila School and the other from the Serajgunge H E School and who fail to obtain a Government Scholarship

INSTRUCTIVE STAFF.

Principal and Professor of English Literature	Radhikanath Bose, M.A
Professor of Mathematics	Haridhan Mukherjee, M.A
Professor of Sanskrit	Hemchandra Ray, M A Hemchandra Banerjee, M A.
Professor of History	Banwarilal Bose, M A
Professors of Logic	Dhirendranath Chaudhuri, M A Kalachand Bhattacharyya, M A
Junior Professors of English Literature	Surendranath Ray, M A, Digindranath Majumdar, M A
Professor of Chemistry	Bholanath Saha, M Sc
Professor of Persian	Maulvi Efazuddin Ahmed
Demonstrator of Chemistry	Jagatbandhu Pramanik

32

Comilla Victoria College.

AFFILIATED, 1899

It is aided by Government and has been endowed by H H the Maharaja of Tipperah

CONSTITUTION

Board of Trustees

H H. the Maharaja of Tipperah
The District Magistrate of Tipperah
Rai Anandachandra Roy, Bahadur

GOVERNING BODY

1 The District Magistrate of Tipperah

2 H H the Maharaja of Tippera to be represented by the Officer-in-charge of Chakla Rosnabad Estates

3 Rai Anandachandra Roy, Bahadur, Zamindar, Founder-Secretary

4 Babu Satyendranath Basu, M A, Principal

5. Nawab Syed Hossam Haider Choudhury, Khan Bahadur, Zamindar

INSTRUCTIVE STAFF

Principal and Professor of English Literature	Satyendranath Basu, M A
Professors of English Literature	Harendrachandra Chakrabarti, M A. Sasikumar Ghosh, M A Jyotsnamay Basu, M A.
Professor of Mathematics	Radhagobinda Nath, M.A.
Professors of History	Kshitimohan, Das Gupta, M A, Nirmalchandra Choudhury, M.A
Professors of Logic and Philosophy	Devendranath Ghose, M A Pareshchandra Ganguli, M A

Professors of Sanskrit	{ Atulchandra Banerjee, Vidyaratna, M A { Girindranarayan Mullik, M A
Moulavis	{ Moulvi Abdul Aziz { Moulvi Md Sonaulla

College fee, Rs. 5 a month for Intermediate and Rs 6 for B A. classes

HOSTEL

A comfortable Hostel is attached to the college and placed under the control of a Superintendent who is generally a Professor of the college

SCHOLARSHIP

"*Maharajas Scholarship*"—A scholarship of Rs 15 a month tenable for two years at this college to be awarded by His Highness the Maharaja of Tipperah to the student who passes the I A Examination in the 1st Division and does not obtain a Government Scholarship

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33

St Paul's Cathedral Mission College

(Formerly C M. S College)

FOUNDED, 1865 REFOUNDED, 1899

This College was originally founded as the Cathedral Mission College in 1865 at 22, Mirzapore Street It was refounded in 1899 under the name of Churches Missionary Society's College The College moved to its present premises at 33 Amherst Street in 1908 It was raised to the B A. standard and the present name adopted in 1914

The College is affiliated to the B A standard in English (Honours), Bengali, Sanskrit, Philosophy, History (Honours), Mathematics Economics and to the I.A standard in Chemistry

The aim of the College is to be a small residential College of the Oxford and Cambridge type Not more than 250 students are admitted, so that the classes may be small enough to admit to close individual attention Every student receives private tuition in each subject once a fortnight Eventually the College will be wholly residential At present there is Hostel accommodation for about 160 students Games are compulsory Every member of the College must play at least three approved games each week All students receive religious instruction

The College buildings have been greatly extended, and are large, airy and thoroughly up-to-date in equipment of every kind The Nirmalendu Hall of Learning contains a good Library, a bright and comfortable Common Room The College ground provides a field for foot-ball, cricket, and hockey, three tennis courts, and badminton court There are three five court, a gymnasium and an open swimming bath The hostel buildings are commodious and lighted throughout by electricity Each student has a separate furnished room There are two dining rooms for Hindu students Christians, Mahomedans, Buddhists, Brahmos and others dine in Hall The mess arrangements are in the hands of the students The Principal, Vice-Principal and several Professors reside in the Hostel with the students

INSTRUCTIVE STAFF

Principal	.	The Rev W. E S. Holland, M A. (Oxon) (on furlough)
Vice-Principal		The Rev A R Johnston, M.A. (Cambridge) (on furlough)
Acting Principal		Rev E C Dewick, M A (Cantab)
Acting Vice Principal		The Rev H M Grindon, M A (Cantab. and London)
Professors of English Literature	..	The Vice-Principal N K Bose, M A A Padmapati, M A B Mahanti, M.A
Professors of History		The Principal P Mahanti, M A
Professors of Philosophy		Kanailal Banerjee, M A Dhirendranath Mandal, M A.
Professors of Sanskrit and Bengali		Jatindranath Bhattacharyya, M A Phanibhushan Chatterjee, M A
Professor of Economics		Bijaykrishna Bhattacharyya, M A
Professors of Mathematics		Satyacharan Basu, M A. Jyotishchandra Mandal, M A
Professor of Chemistry		Dhiren Sircar, M Sc
Demonstrator	..	T M Mathai

FEES

College

I.A. Classes Rs 5 per mensem, Chemistry Re 1 extra B A Classes Rs. 6 per mensem

Hostel

Rs 6 per mensem, inclusive of electric light Mess Rs 8 per mensem Athletics Rs 5 per annum, payable in advance Common Room Rs 2 per annum, Magazine, Re 1 payable in advance Caution money —College Rs 5, Hostel Rs. 5 —Returnable when the student leaves Entrance fee, Rs 5

34

Hindu Academy, Daulatpur (Khulna).

AFFILIATED, 1907

This Institution was founded in 1902, and constitutes a religious trust under the management of a Board of Trustees Its aim, principally is to give Hindu boys a training in their religion, and to revive ancient Hindu Learning, it has in view also the furtherance of the case of general education

It has two departments, namely, the College and the *Chatuspathi* The College was affiliated in 1907 up to the Intermediate course in Arts, in English, Bengali, Mathematics, Sanskrit, History and Logic Affiliation was extended in 1909 up to the Intermediate course in Physics and Chemistry, and Botany, was added in 1911. In 1914 affiliation was extended up to the B.A Pass standard in English, Bengali, Mathematics, Sanskrit, History and Philosophy The *Chatuspathi* teaches different Sanskrit subjects and prepares students for the Sanskrit Examinations introduced by Government.

The Institution has got a healthy rural site with a large compound and a picturesque river frontage The special feature of the Institution is its Hostel, in which all the teachers and the majority of the students reside There is a substantial Library and a Laboratory fitted up with up-to-date equipment

INSTRUCTIVE STAFF

Acharyya	...	Pandit Debnath Smrititirtha
Principal		Dwijapada Banerjee, M A
Vice-Principal		Surendranath Basu, M A
Professors of English Literature	...	Bankubihari Bhattacharyya, M A Prafullanath Ray, M A. Sudhirgopal Mukherjee, M A Brajendrakumar Ghosh, M A,
Tutor of English		Bhubanmohan Majumdar, M.A
Professors of Mathematics		Charuchandra Basu, M A. Sudhansubadan Pande, M Sc
Professors of Philosophy		Dwijapada Banerjee, M A Narendranath Dasgupta, M.A Bilaschandra Mookerjee, M.A.
Professors of History	...	Satishchandra Mitra, B A Ramaniranjan Sen, M A,
Professors of Sanskrit	...	Pandit Annada Ch Smrititirtha. Surendranath Bhattacharyya, M A Pandit Jaminikanta Tarkatirtha
Professor of Physics		Surendranath Basu, M A
Professors of Chemistry		Hemendrakisor Datta, B A Anukulchandra Ray, M Sc
Professor of Botany		Hemendrakisor Datta, B A
Professor of Bengali ...		Satishchandra Mitra, B A
Demonstrators		Ramakanta Bal, Nilmoni Sengupta B Sc Nalinchandra Majumdar, B Sc
Medical Officer		Jahnavicharan Dasgupta, L M,S,
Librarian ...		Satishchandra Mitra, B A

35

Anandamohan College, Mymensingh.

AFFILIATED, 1908

The City College, Mymensingh Branch, established in July, was being maintained by the Council of the City College Institution, Calcutta They directed it to be closed from the end of May, 1908, and applied to the University for its disaffiliation Hearing this state of things some representative gentlemen of Mymensingh formed themselves in May, 1908, into a Provisional College Committee for the purpose of carrying on the College under the Provisional title of "The Mymensingh College," so as to meet the requirements of the District of Mymensingh for higher education Accordingly an application for the re-affiliation of the College under the aforesaid title was submitted by the Provisional College Committee to the University by the middle of June, 1908. The Syndicate considered this application for re-affiliation on the 23rd June, 1908 and their recommendation was subsequently confirmed by the Senate The Registrar submitted the application and proceedings of the Syndicate and Senate through the Hon'ble the Rector of the University to Government for orders, the City College, Mymensingh Branch, having been dis-affiliated in the meantime.

The Registrar informed the Principal that the new College should, in all future official correspondence, be properly designated by its correct name "The Mymensingh College" since the Government of India have accorded their sanction to the application for affiliation of the Mymensingh College under the name of "The Anandamohan College, Mymensingh"

The College has undertaken for the present, the following courses of Instruction, (i) English, (ii) Vernacular Composition in Bengali and Urdu, (iii) Second Language, (a) Sanskrit, (b) Persian, (iv) History, (v) Logic, (vi) Mathematics, and (vii) Chemistry, up to the Intermediate standard, and (i) English, (ii) Vernacular Composition in Bengali, (iii) Second Language (a) Sanskrit, (b) Persian, (iv) History, (v) Philosophy and (vi) Economics up to B.A. Pass standard and Honours in English

The tuition fee is charged at the rate of Rs 5-8 a month per head, except in the case of Chemistry students who have to pay Rs 6-8 per month.

The constitution of the College Council —

District Magistrate, *President*, (*Ex-officio*)
Maharaja Sasikanta Acharyyachaudhuri,
Rai Bahadur Syamacharan Ray, Pleader, *Secretary*
Kumar Nagendrakisor Raichaudhuri
Babu Manmohan Niyogi B L
Khan Bahadur Maulavi Mahomed Ismail, B L, Public Prosecutor, and Vice-Chairman of the District Board.
Maulavi Shahabuddin Ahmed, B L
Professor Nripendranath Datta, M A
" Saratchandra Pal M A
Principal *Ex-officio*

INSTRUCTIVE STAFF

Principal		Rajneswar Ghosh, M A., Ph D.
Professors of Chemistry	..	Tarapada Mukerjee, M A. Rabindranath Guha, M A.
" of English Literature	..	Praphullakumar Guha M A Bimalamohan Ganguli, M.A. Ajitnath Nandi, M A. Sanjibkumar Chaudhuri, M A
Professor of Mathematics		Radhabinod Pal M.A
Professors of Logic and Philosophy		Bidhubhushan Datta, M.A Akshaykumar Banerjee, M A Kumudbandhu Chakrabarti, M A
Professor of Economics	..	Nripendranath Datta, M A
Professors of History		Surendrakisor Chakrabarti, M A. Purnendukisor Chakrabarti, M A
" of Sanskrit		Saratchandra Pal, B A. Jatindramohan Ghosh, M A
" of Persian	...	Maulavi Faizur Rahaman Maulvi Abdul Hakim
Professor of Bengali		Pandit Navakanta Guha, Kabibhushan
Demonstrators		Mukul Chandra Bhattacharyya, B Sc. Satischandra Chakrabarti, B Sc
Laboratory Assistant	..	Haripada Mandal, B Sc.

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Serampore College.

AFFILIATED, 1910

Serampore College was founded in 1818 under the patronage of the Marquis of Hastings, then Governor-General of India, by the Revs Dr. Carey, Dr Marshman and William Ward, who together with Colonel Krefting, the Danish Governor of Serampore, and J C Marshman, Esq, formed the first College Council

The object of the College was the instruction of Indian youths, both Christian and non-Christian, in Literature and Science, and the training of selected Indian and Anglo-Indian young men for the work of the Christian Ministry.

In 1821 the College received a donation from King Frederick VI of Denmark of certain premises to the northwest of the College building and this act of liberality was followed in 1827 by the grant of a Royal Charter, giving perpetuity to the Institution and its endowments and empowering it to grant Degrees At the cession of Serampure to the East India Company, in 1845, this charter was confirmed at the special request of the Danish Sovereign and a special clause was inserted in the treaty providing that "the rights and immunities granted to Serampore College, shall not be interfered with, but continue in force in the same manner as if they had been obtained by a charter from the British Government'

The ground on which the College stands was purchased chiefly by subscription, the entire expense of the original buildings, amounting to about £15,000, was met out of the private funds of the Serampore Missionaries, who were the first promoters of the undertaking The Institution was crippled at the outset by the loss of the greater part of its invested funds through a series of bank failures only a few years after the granting of the charter It was enabled to continue its work through the liberality of J C Marshman, Esq., but not on the scale originally contemplated The right of conferring degrees was therefore not exercised.

On Mr Marshman's departure from Indian 1856, the College, though still legally under the control of its own Council, was placed under the general direction of the Baptist Missionary Society, which contributed the greater amount of the funds needed for its support In the following year, 1857, Serampore was one of the first eight Colleges to be affiliated to the newly formed Calcutta University This connection continued till 1882, when it was decided to close the Arts Department converting the College into a purely Theological Institution

Twenty years later, the decision of the Universities Commission that it was neither practical nor expedient to make provision for a Faculty of Theology in connection with any of the existing State Universities, led the Decennial Missionery Conference, representing all Protestant Missions in India, to ask the Serampore College Council whether it would not be possible to make the Serampore Charter available for the granting of degrees in divinity. The Council advised by Dr Howells, the present Principal, resolved to accede to this request and also to re organise the College on the lines planned by its founders, making it capable of imparting instruction in Theology of a standard equal to that obtainable in Europe and America With a view to providing a preliminary training in Arts for students intending to proceed to the B.D degree and for the benefit of the Christian community and of Hindu and Musulman youth generally it was also resolved to re-open the Arts classes.

Throngh the generosity of the Arthington trustees the Council has been enabled to rennovate the College and to build a new Hostel, including extra quarters for the professorial staff, at a cost of about two and half lakhs of rupees They have also made considerable progress towards the raising of a new endowment fund.

The College is affiliated up to the Bachelor of Arts in English (Pass and Honours), Bengali, Philosophy (Pass and Honours), Sanskrit (Pass and Honours), History (Pass) Political Economy and Political Philosophy (Pass), Hebrew (Pass), Syriac (Pass). In the Intermediate Arts, the College is affiliated in English, Bengali, History, Logic, Sanskrit, Mathematics, Chemistry

Tuition fees —Rs 5 for Intermediate Arts (with an additional Rs. 2 for a science subject), Rs 7-8 for Intermediate science and Rs 7 for B A Classes A few scholarships are grnted to poor and deserving students An anuual charge of Rs 4 is payable to the Union Society, this including the subscription to the Athletic Clubs

Attached to the College is a well-equipped Hostel The Hostel establishment fee is from Rs 4-8 to Rs 7 according to the character of the accommodation The charge covers seat rent, use of furniture, and cost of servants, light and medical attendance. Almost all the rooms are single-seated, but there are a few double rooms, for which the fee is Rs 4 (ground floor) or Rs 6 (first floor)

There is an additional Hostel healthily situated on the riverside under the direct supervision of the College The establishment fee in this Hostel is Rs 4-8 (ground floor) or Rs 5-8 (first floor) There are no single-seated rooms in this Hostel Another Hostel on the river-side is at present utilized for Syrian students

The admission fee for the Hostels is Re 1

The normal cost of food in the Hostels is Rs 9 (part from tiffin

The ordinery fee payable on entrance (*viz* the admission charges, Union subscription and one month's fees) must be remitted with every formal application

There is a large and valuable Library and considerable additions are being made to bring it up to date

The Union Society provides opportunities for the discussion of topics of general interest and serves to promote a corporate feeling among the students of the College

The College is under the control of a Council, of which the members who hold office for life, are appointed in accordance with the Charter and Statutes This Council which sits in London, is at present composed of the following members —

Rev G P Gould M.A , D D , Principal of Regent's Park College, London—Master of the College

Dr George Howells, Principal of the College
Geo B Leechman, Esq (Late of Ceylon)
Sir George Macalpine, LL D
Rev R F. Horton, M.A , D D
Rev Cuthbert McEvoy, M A.
Sir Alfred Pearce-Gould, K C V.O
Rev R C Gillie, M A.
Sir. Evan Spicer.
Rev W T Barber, M A., D D.
Rev. W. Goudie.

While the College Council remains the ultimate authority, under the Serampur College Act, Bengal (1918), the Faculty controls the internal affairs of the College, and the Senate decides the qualifications for Theological Diplomas and Degrees.

The Faculty is at present composed of the following members—

Rev Dr George Howells, M A, B Litt, B.D, Ph.D.
Rev John Drake, M A, B D
Mr. S C Mukherji, M A, B L
Rev J N Rawson, B Sc, B D
Rev. Father, P T Geevergese, M A
Rev A C. Underwood M A, B D
Rev. C G Carpenter, M A, B D
Rev. G H Matthews, M A
Rev G H C Angus, M A, B.D

The Senate is composed of the following members —

Dr George Howells (President and Convener).
Rev R Gee, M A

Rev Father W H G Holmes, M A
Rev N H Tubbs, M A
Rev. T W Norledge
Rev J Drake, M A B D (Registrar)
Rev W E Boggs, B A, B D
Prof. S C Mukerjee, M A B L.
Rev W G Brockway, B A
Rev J J Banninga, M A B D
Rev Dr L P Larsen, M.A, D D
Rev. A E Brown, M A
Rev Principal L A Core, D D
Rev. Dr J. Watt, M A, D D
Rev H. C Velte, M A
Prof. J R Banerjea, M A, B L
Rev Father P T Geevergese, M A
The Right Rev Abraham Mar Thoma, M.A., B.D

ARTS DEPARTMENT STAFF.

Rev G Howells, M A, B.D, B Litt Ph D., Principal and Professor of English

Rev J Drake B.A, B D, Vice-Principal and Professor of Philosophy and Hebrew

Mr S. C. Mukerji, M A, B L, Professor of English
Rev J N Rawson, B Sc, B D., Professor of Philosophy and English
Rev, Father, P T Geevergese, M A, Professor of Syriac
Rev A C Underwood, M A B D, Professor of English
Rev. G H Matthews, M A, Professor of Philosophy and English.
Rev. G H C. Angus, M.A Professor of English and Hebrew
Mr. J N Chakravarti M.A, Lecturer in English
Mr. D N Ghoshal, M A, Lecturer in Logic and Philosophy
Mr. H. P. Sengupta, M.A, Lecturer in Sanskrit
Mr. A K. Bhattacharyya, M A Lecturer in Sanskrit
Mr. N. N Mukherji, M A, Lecturer in History,
Mr H N Gupta, M.Sc, Lecturer in Chemistry
Mr. K. K. Mukherji, M.Sc, Lecturer in Mathematics.

Mr A C Raichaudhuri, M A, Lecturer in History and Examiner of Exercises in English.

Mr. B. B Das Gupta, M A, Lecturer in Economics.

Pandit Panchanan Bhattacharyya, Kavyatirtha, Vidyavinod, Tutor in Sanskrit and Bengali

Mr. K B. Banerji, B.Sc., Demonstrator

SECRETARY OF THE DEPARTMENT.

Prof. S. C Mukherji, M A, B L.

BURSAR.

Rev G. H. C. Angus, M A, B D

HOSTEL SUPERINTENDENTS.

Rev J N Rawson, B Sc, B D
Rev G. H Matthews M A

LIBRARIAN

Rev J Drake, M A, B D

ASSISTANT LIBRARIAN.

Mr K R Ghosh

HEAD CLERK

Mr M C Paul

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South Suburban College, Bhowanipore.

AFFILIATED, 1916

This College was started in 1916 at the instance of the authorities of the South Suburban School, a flourishing institution of Bhowanipur which had been founded in 1874 by the local public with the object of promoting the growth and spread of higher education in the south suburban areas of Calcutta. The immediate occasion which led to the development of the school into a college was the abolition of the University Departments, both on the Arts and Science sides, by the two existing Colleges in and near Bhowanipur, namely, the L M S Institution and the Bishop's College That there was room for a first grade college here was abundantly clear from the very beginning, but partly from financial and partly from other considerations, the authorities of the South Suburdan School were anxious to move cautiously, and they, therefore, applied in the first instance for affiliation up to the Intermediate standard only. They had great difficulty, however, in persuading the Government of India that second grade colleges did fulfil a definite function in the educational machinery of the country, and that it was a mistake to suppose that the view of the Indian Universities Commission of 1904 condemning the affiliation of such colleges had been endorsed in its entirety by the Government of India at the time. The result of the protracted correspondence on the subject was to delay the affiliation of the College which was obtained with effect from the commencement of the session 1916-17. although application for it had been made early in 1915

Affiliatoin was granted up to the Intermediate standard in Arts and Science in the following subjects, as asked for —English, Vernacular Composition, Sanskrit Logic, History Mathematics and Botany The College was started in a fine two-storied building at 26 Lansdowne Road in one of the best quarters of Bhowanipur with over 250 students on the rolls, but the very next year it became necessary to remove it to more spacious and more conveniently situated premises at No 147, Russa Road South, where it is at present located and where there was accommodation for nearly 700 students In October, 1917, the College authorities applied for extension of the affiliation up to the B A Pass standard in a few selected subjects, namely, in English, Vernacullar Composition, Sanskrit, Mental and Moral Philosophy, History, Political Economy and Political Philosophy, and Mathematics, and this was granted with effect from the commencement of the session 1918-19 During session 1919-20 accomodation was enlarged to suit the requirements of about 825 Students

Both the School and the College are under a General Committee, composed of 50 representatives of the local public, who constitute the ultimate controlling authority over the whole institution in financial matters. The actual management of the College is vested in a Governing Body which is quite distinct from the Mannging Committee of the school, and consists of 11 members who are annually elected by the General Committee except that the Principal and another representative of the teaching staff are members *ex-officio*

A special feature of the College is that in no section is the number of students allowed to exceed 75 in several subjects the number is in fact much smaller, the object aimed at being to ensure individual attention to every student as far as practicable Copious provision is also made for tutorial work in every subject in small batches, as well as for frequent exercises and examinations The College Council, consisting of all the Professors on the staff, has recently introduced a system under which each Professor is placed in charge of, and made responsible for, a specified number of students, who are required to look up to him on all matters, both in and outside the College, for help, guidance and advice

There is a Debating Club and an Athletic Club, each under the personal supervision of one or more Professors, which are very popular among the students

A large percentage of the students reading in the College live in the locality with their fathers or natural guardians For those that do not do so, provision is made in Attached Messes or Hostels under the supervision of members of the staff The seat rents are charged according to tho scale fixed by the University under the Calcutta Messing Scheme The College has a Special Officer for inspecting the residences of students

The College fees are as follows —

Admission Fees Rupees Six Tuition fee Rupees Six per month Laboratory Fee (for Botany students only) Re 1 per month Punkha Fee Rupees Two and and Athletic Fee Rupee One for the session Liberal provision is made for free and half-free studentships for deserving candidates. A fair number of College scholarships of Rs 6 a month are also awarded every year on the results of a College Test.

The College possesses a fairly good Library (worth over 10,000, Rupees) of which free use is made by the students Constant additions are being made to the stock of books

Governing Body for 1919-20

PRESIDENT

The Hon Justice Sir Asutosh Mookerjee, Kt., C.S.I, *Vice-Chancellor, Calcutta University (1906-14)*

VICE-PRESIDENT

Babu Dwarkanath Chakravarti, M.A, B.L, *Vakil, High Court*

SECRETARY

Babu Charuchandra Biswas, M A, B L, *Vakil, High Court, Member of the Senate and the Syndicate, Calcutta University*

JOINT SECRETARY

Babu Pramathanath Banerjee, M A, B L, *Lecturer in the Postgraduate Department of History & Economics, Member of the Senate and the Syndicate Calcutta University*

MEMBERS

The Hon. Mr Provaschandra Mitter, M A, B L, *Vakil High Court*

Babu Birajmohan Mojumdar, M A, B L, *Vakil High Court, Vice-Principal, University Law College, Member of the Senate and the Syndicate, Calcutta University*

Mr R H M Rustomjee
Mr M N Basu, M A, *Barrister-at-Law*
Dr Romeschandra Majumdar, M A, Ph D
Babu Panchanan Sinha, M A, B L, *Principal & Asst Secy*
Professor Jogeschandra Chakravarti, M A

PRINCIPAL

Babu Panchanan Sinha, M A, [Eng, Econ, Hist (Class I)]

PROFESSORS OF ENGLISH

1. Prof. Someswarprasad Mukerjee, M A
2. „ Chandicharan Mitra, M A
3. „ Nripeshchandra Guha, M A (Class II) and Hist. & Phils.
4. „ Maheshchandra Chatterjee, M A (Class I, Allahabad)
5. „ Nripendranath Ghosh, M A
6. „ Bibhutibhushan Ghoshal, M A (Class II)

PROFESSORS OF SANSKRIT.

1. Prof Sivadas Banerjee, M A
2. Prof Kshitishchandra Chatterjee, (Class I)
3. „ Sachindranath Banerjee, B.A

PROFESSORS OF PHILOSOPHY & LOGIC

1. Prof. Kalidas Sen, M.A
2. „ Harimohan Bhattacharyya, Kabyatirtha, M.A. (Sans & Philo.)
3. „ Bejoygopal Sarkar, M A

PROFESSORS OF MATHEMATICS

1. Prof Gangadas Mookerjee, M Sc [Class I (*Pure*)]
2. „ Bhupendrachandra Das, M.Sc, [Class I, *Gold Medallist (Mixed)*]

PROFESSORS OF HISTORY

1 Prof. Jogeschandra Chakravarti, M A
2 „ Amalkumar Ray Chowdhury, M.A.

PROFESSORS OF ECONOMICS

1 The Principal
2 Vacant

PROFESSORS OF BOTANY

1 Prof N Chakrabarty, B A (Cal) B Sc (Ohio)
2 „ Murarimohan Ray Chowdhury, M Sc

DEMONSTRATOR

Babu Gurudas Datta, B A

LIBRARIAN

Babu Hirankumar Ray Chowdhury, B A

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Carmichael College, Rangpur

AFFILIATED, 1917

The College was started in July, 1917, and is the result of the earnest efforts of the residents of this district to remove a long-felt want A scheme for the establishment of a college had originated as early as 1913, but it was not till 1914 that active steps were taken to carry it out A Committee of the local representative gentlemen met under the Presidency of Mr J N Gupta, M A, I C S, the then District Magistrate, the scheme took definite shape. By March, 1917, donations to the extent of about 7½ lacs had been raised An application to the University was then made for affiliation of the proposed college up to the B.A standard, which was subsequently obtained

The College occupied the new building in July, 1918 It is situated on a plot of ground measuring over 900 bighas of land, on the outskirts of the town and away from all contaminating influences There are three boarding houses for Hindu and two for Mahomedan students accommodating 300, boarders and the Principal and staff of the college have been provided with quarters in the college compound, the idea being to develop it eventually into an entirely residential institution

The College buildings are among the finest in Bengal From the funds subscribed over two lacs have been invested in War Loan Among the principal single donors may be mentioned the names of Raja Bahadur Gopal lal Ray of Tajhat (Rs 1,00,000), Rai Annadamohan Raychaudhuri, Bahadur, of Tepa, (Rs 1,00,000), and the Hon'ble Maharaja Sir Manindrachandra Nandi, Bahadur, K C I E., (Rs 50,000)

In February, 1918, His Excellency the Earl of Ronaldshay, Governor of Bengal, declared the new buildings open, spoke of the College scheme with the warmest approval, and announced a Government grant of 50,000 of rupees towards land aquisition and capital expenditure on buildings to which another (Rs 40,000), was afterwards added.

The College is under the management of a Governing Body with the District Magistrate as President. Mr J N Gupta, the late Collector—to whose strenuous efforts the college owes its existence—as well as Raja Bahadur Gopal lal Ray of Tajhat and Rai Annadamohan Raichaudhuri Bahadur, of Lepa, in consideration of their generous contributions, are life members of the Governing Body

The College is affiliated to the University up to the B A. Pass standard in English, Vernacular Composition (Bengali and Urdu), Sanskrit (Pass and Honors) Arabic, Persian, Mathematics, History, Political Economy and Political Philosophy, and Moral and Mental Philosophy In Intermediate Arts it is affiliated in English, Vernacular Composition (Bengali and Urdu), Sanskrit, Arabic, Persian, Mathematics, History and Logic. Affiliation has been further extended to the B A Honours standard in English, Philosophy and Mathematics

The tuition fee is Rs 5 per mensem, the seat rent charged from the hostel students is Rs 3 for the upper storey and Rs 2 for the lower storey

TEACHING STAFF

Principal & Professor of English		1 Rev Charles H Watkins, B A (Oxon) M.A (London) D Theol (Heidelberg)
Professors of English		2 Upendrachandra Nag, M A 3. Sureshchandra Duttagupta, M.A. 4 Hridayranjan Lahiri, M A 5 Sudhanshukumar Sengupta, M A
,, ,, Mathematics		6 Charuchandra Ghosh, M Sc, B L 7 Basantakumar Sinha Roy, M Sc 8 Indubhusan Mukherjee, M Sc
,, ,, History		9 Harendrachandra Chanda, M A 10 Arunchandra Sen, M A
,, ,, Philosophy & Logic	.	11 Birendrachandra Mukerjee, M A 12 Gaurgobinda Gupta, M.A. 13 Atulchandra Sen, M A
,, ,, Sanskrit & Bengali		14 Sasibhushan Bhattacharyya, M A. 15 Bimalanath Bhattacharyya, M A 16 Kshetreschandra Chatterjee, M A
,, ,, Economics	.	17 Aswinikumar Dasgupta, M A
,, ,, Arabic & Persian	...	18. Moulvi H M Amjad Hossain, M A (Allahabad) 19. Maulvi Mahammad Hossain

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Bagerhat College, (Khulna)

AFFILIATED, 1918

This College owes its origin to the energetic efforts of the promoters of the *Haveli Pargana Sacial Reunion*, an organisation for the advancement of education, sanitation, and social reforms in the Pargana. It is backed by the entire Subdivision of Bagerhat and supported by a Board of Trustees numbering eighty nine, all influential and representative men of the Sub-division.

It is situated on a healthy rural site consisting of a big maidan facing the Khulna-Bagerthat Railway line and a streamlet flowing close behind.

It is affiliated up to the I.A. standard in English, Vernacular Composition Sanskrit, Persian, Mathematics, History and Logic It has Hostel accommodation for both Hindu and Mahomedan students

The College fee is Rs 4 a month

The Governing Body of the College consists of the following members

1. Sir P C Ray, Kt, C I.E, D.Sc, Ph D., F C S, F A.S.B.,—*President*
2. Babu Gopendrakumar Ghosh Chowdhury, B A —*Sub-Divisional Officer Vice-President*
3. ,, Gopalchandra Biswas, B L.,—*Secretary*
4. ,, Suklal Nag Majumdar
5. ,, Hemchandra Raychaudhuri,—*Zemindar*
6. ,, Sreeshchandra Mukherji, B L
7. ,, Rajendrakumar Nag Majumdar
8. ,, Abanimohan Raychowdhury
9. ,, Mahendranath Biswas —*Zemindar*
10. Maulvi Syad Sultanali (Pleader)
11. Babu Chandrakanta Das
12. Babu Upendragopal Biswas, B L
13. ,, Bishwambhar Nandi, B L
14. ,, Benimadhub Gangopadhyaya
15. ,, Mathuranath Haldar, B L
16. ,, Ashwinikumar Day
17. ,, Benimadhab Haldar
18. ,, Kamakhyacharan Nag, M A.,—*Principal*
19. ,, Nepalchandra Ray, M Sc,—*Professor*

INSTRUCTIVE STAFF

Principal and Professor of English	Kamakhyacharan Nag, M A
Lecturer in English	Girijakanta Majumdar M A
Professor of Mathematics	Nepalchandra Ray, M Sc
Professor of History	Janardanprasad Mukherji, M A. (on leave) Harendrakumar Chakravarti, M A (officiating
Professor of Logic	Panchanan Sarkar, M A
Prosessor of Sanskrit	Sureschandra Bhattacherryya, Vidyanidhi, M A
Professor of Persian	Maulvi Mahomed Fazlal Haque
Superintendents	Prasannakumar Ray, B A Radhacharan Chatterjee
Medical Officer	Jatindranath Bandyopadhyaya, M.B

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Rajendra College, Faridpur

AFFILIATED, 1918

The College was established in July, 1918, and has been named after the late Babu Rajendrachandra Raychoudhury, the Zamindar of Baishrashi, whose public-spirited and enlightened son and heir, Babu Rameshchandra Raychoudhury by his munificent donation of Rs 50,000 has made the institution an accomplished

fact Rs 30,000 more have been raised by subscription and donation. Among the chief minor donors the following names may be mentioned

	Rs
The Hon'ble Maharaja Sir Manindrachandra Nandi Bahadur	2 000
Babu Prafullanath Tagore	2,500
The Hon'ble Kumar Arunchandra Sinha ..	2,000

Babu Taraprasanna Bhattacharjee Choudhury has promised Rs 5,000 for the College Library and Babu Prafullanath Tagore has contributed to the library about 700 books

The College is well calculated to supply an educational desideratum of the district of Faridpur, so long without an outlet for the multitude of matriculates turned out year after year from the large number of High Schools it contains, and from the number of students admitted to begin with, the presumption is inevitable that a great future lies before it, for it is bonnd to expand considerably in all possible directions

The total area of the College grouud is 5 55 acres or 17 bighas approximately, which have been conveyed by the Government in permanent lease at a nominal rent of Re 1 per annum for which the Faridpur public is particularly grateful to His Excellency Lord Ronaldshay and the Rt Hon'ble Lord Sinha as also to Mr J G Dunlop, I C S , the then Collector of the District who was kind enough to move in the matter About 3 bighas of this land are now occupied by the Hostel buildings in which the classes were held in 1918 The new College Building with accommodation for a maximum number of 500 students is now complete Close by, there is another commodious building which has been purchased by the College authorities and which is intended to be used as a meeting-hall, an examination-hall or a laboratory, as the case may be A plot of land has been set apart for games and sports In short, the College has every possibility of developing into a fully equipped first grade residential institution

The site of the College is an ideal one It is at one end of the town, far from din and tumult, open in all directons, accessible by streets and it faces an enormous lake which fades away in the distant horizon

The College is under the management of a Governing Body presided over by the Hon'ble Babu Ambikacharan Mazumdar, M A., B L , the Grand Old Man of East Bengal, one of the foremost leaders of the country, to whose indefatigable endeavour and streunous exertions the College mainly owes its existence and whose connection with it is a guarantee for its steady expansion and progress

The College has a Literary Club or a Debating Society and also a Mutual Aid Society—institutions which bring the students and professors together foster a healthy, corporate life and afford opportunities for co-operation and fellow-feeling the educative value of which it is impossible to exaggerate The College has also an Athletic Club

The College is affiliated to the University up to the I A standard in English, Vernacular Composition, Sanskrit, Mathematics, History, Logic, Persian and Arabic

The tuition fee is Rs 4 per mensem There is provision for eleven free-studentships

The sum of Rs 800 has been deposited by Babu Surendrakumar Ray, B L. Pleader of Faridpur, for the estsblishment of another free studentship to be called the "Swarnamayee free-studentship"

INSTRUCTIVE STAFF.

Principal and Professor of English	..	Babu Kamakhyanath Mitra, M A., B L
Professor of Logic, Tutor of English	.	,, Srishchandra Sen, M.A
Professor of Mathematics		,, Debendrachandra Dutta, B A M Sc
Professors of Sanskrit and Bengali	..	,, Dineshchandra Mazumdar, M A Pandit Chandrakanta Nayalankar
Professor of History	..	Babu Sisirkumar Acharjee, M A
Professor and Tutor of English		,, Pramathabhushan Mukherjee, M A
Professor of Arabic and Persian		Maulvi Mahammad Mohsin (Final Madrasah).

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David Hare Training College, Calcutta.

AFFILIATED, 1908

The David Hare Training College was opened on July 1, 1908, by the Government of Bengal, to train teachers for the Secondary Schools of the Province

It is affiliated to the University of Calcutta up to the Bachelor of Teaching standard, and prepares students for the L T and B T. Examinations

Students who have passed the B A or B Sc Examination and the Intermediate Examination are eligible for admission to the College

At the present time, the number of students-in-training is fifty They come from Government, Aided and Private Institutions, and include Deputy Inspectors, Sub-Inspectors, Head Masters and Assistant Masters of Schools, and those who are engaged or intend to be engaged in the work of education but who are not in the employ of Government or members of the staff of aided schools and are not more than thirty years of age

There are no admission and tuition fees Teachers from Government Institutions continue to receive their salaries during their period of deputation Those who come from Aided High Schools receive an allowance equivalent to three quarters of their salary, up to a maximum of Rs 50 per month Several stipends of Rs 20 each are awarded per month to private students on certain conditions

The course is of one year's duration It includes both theoretical and practical teaching,

The practical teaching is carried on in the Hare, the Hindu and the Sanskrit Collegiate Schools Each student-in training gives sets of lessons in the ordinary school subjects under the supervision of the staff

There is a Hostel attached to the College accommodating twenty-five boarders and it is under the direct control of the Principal One of the Professors hold the post of Superintendent and resides in the buildings Five rent-free seats are reserved for the Mahomedan students of the College in the Carmichael Hostel

GOVERNING BODY

The Principal, Presidency College, Calcutta, *President*
The Assistant Director of Public Instruction, Bengal
The Inspector of Schools, Presidency Division
The Inspector of Schools, Burdwan Division
J. W. Holme, Esq Professor, Presidency College, Calcutta
The Principal, David Hare Training College, *Secretary*

INSTRUCTIVE STAFF

Offg Principal and Professor of History of Education.	Babu Chintaharan Chakravarti, M A. B T
Professor of Method	Babu Binaybhushan Sarkar, B.A., B T (*Offg*)
Professor of English and Educational Classics and Master of Method	Babu Satyendranath Gupta, B A, B T (*Offg*)
Professor of Psychology and Master of Method	Babu Banabilas Ray, M A, B T
Professor of Geography and Master of Method.	Babu Gangacharan Dasgupta, B A, B T
Visiting Drawing Master	Babu Purnachandra Ghosh
Visiting Drill Master ...	Babu Nagendranath Ghosh

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Dacca Training College

1 Opening—The Training College at Dacca was founded by Government and opened for the first time on July 5, 1910

2 Premises—The main building was constructed in 1904 by the Government of Bengal and is a fine two-storeyed erection in red brick situated in Armenitola The lower part of this building accommodates a Government High English School of about 240 boys and forms the practising School for the College The upper storey is divided into four large and four smaller rooms and these are used for College class, lecture and staff rooms, a Laboratory, for Nature Study and Elementary Science and for the Office and Library One of the larger rooms has now been divided, the smaller part being used for an Office This has set free the old office for use as class room The Library is now vacated for class purposes except for occasional tutorial work The College and the hostels have been furnished with electric lights and the former with fans

There are two hostels one for Hindus and the other for Mahomedans which, together accommodate up to sixtyfour students The necessary offices and bathing places are also provided The old buildings of the temporary Government School Hostel have been demolished and the whole ground levelled to make a fairly large play-ground for the boys in front of school There is a separate play-ground for the College students, but it is unfortunately not quite large enough for full-sized field for the usual games

3 Staff—Offg Principal, H A Stark, B.A, Offg. Vice-Principal, Manoranjan Mitra, B.A, B T (Calcutta); Professor, Abdur Rahman Khan, M A., B.T. (Calcutta), Offg. Professor, Nagendranath Majumdar, M A, B.T (Calcutta), Lecturer, Prasannakumar Deb, M A, B T, Lecturer, Aswinikumar Datta, M.Sc, B T (Calcutta), Drill Master, Krishnakishore Ganguly, Drawing Master Saratchandra Chatterjee

The Drill and the Drawing Instructors also work in Practising School, the former being in charge of the games of both institutions

4 Curriculum —The courses of study prescribed by the University of Calcutta for the Degree of Bachelor of Teaching and the Diploma of Licentiate in Teaching are generally followed The courses for L T and for B T extend over one academic year There is a special course in physical exercise followed by a departmental test

5 Students— The students are recruited from (*a*) Government service (inspecting officers and teachers), (*b*) Aided and Board Schools, (*c*) The general public with the necessary qualifications

The allowances are to (*a*) students their full salaries, to (*b*) students twenty rupees a month A special grant-in-aid is made to (*c*) school to enable them to send their teachers to be trained

New caudidates(*a*) must be not more than thirty and others not more than thirty five years of age

6 Entrance qualification —The minimun qualification for the B. T course is that of a Graduate, and for the L T course that of an Intermediate pass in Arts or Science

7. GOVERNORS

The Governing Body consists of —

(1) The Commissioner of Dacca Divisin
(2) The Inspector of Schools, Dacca Division
(3) The Principal of Dacca College
(4) do of Jagannath College
(5) do of the Training College, Dacca
(6) The Vice-Principal of the Training College, Dacca
(7) Shamsul-Ulama Abu Nasr Md Wahced, M A, Principal, Dacca Madrassah
(8) Library .—The Library has made considerable advance in the year

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Loreto House, calcutta.

AFFILIATED, 1913.

This Institution was established under the direction of the Sisters of Loreto in 1842

It includes four departments, *viz*, a College Department, a Teacher's Training Department, a School Department and Kindergarten Department conducted according to the principles laid down by the National Froebel Union for Kindergarten Teachers

The practical teaching required in the Teacher's Training Department is carried on in the School of Loreto House Each student-in- training gives sets of lessons in the ordinary school subjects under the supervision of the staff

The Institution has been connected with the Calcutta University since 1889 and is now affiliated up to the I A and L T standards The following are the subjects in which affiliation has been granted —English, French, History, Mathematics and Botany

The College is under the direction of a Governing Body consisting of—

Principal	.. The Provincial Superioress of the Loreto Nuns in India
Vice-Principal	The Superioress of Loreto House

INSTRUCTIVE STAFF

Professor of English	Mother Joseph, M A
Professor of French	Mother Baptist, B A
Professor of Botany and Mistress of Method	Mother Dolores, B A , B T
Professor of History	Mother Agatha, B A.
Prefessor of English	.. Miss d Eca, B A , Teacher's Diploma Dow Hill
Professor of Mathematics	Haranchandra Pal, B Sc

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Earle Law College, Gauhati

AFFILIATED, 1914

This College was affiliated in 1914, as a Government Institution The then Chief Commissioner (Sir Archdale Earle) after whom the College has been named, formally opened it in its present site on the eastern bank of the Dighi Pukhri The college has a hostel attached to it for a limited number of students and has a Common Room, College union, etc and an up-to-date Library with a complete set of original English Law Reports purchased from the special grants made by Sir Archdale Earle

"Goonabhiram Borooah Medal"—A medal, is awarded each year to the most successful student from this college in the summer final examination in Law

The College has a Governing Body consisting of the following gentlemen :—

1	The Hon'ble Mr W J Reid, C S I., J P , Commissioner, Assam Valley Division	*President*
2	The Hon'ble Mr A Mellor, Judge, A V Districts	*Vice-President.*
3	J Borooah, Esq , Barrister-at-Law, Principal of the College	*Secretary.*
4.	D E. Roberts, Esq , M Sc , Offg Principal, Cotton College	*Members*
5	Rai Kalicharan Sen, Bahadur, B L Govt Pleader	
6	T. R Phookun Esq , Barrister-at-Law . .	

INSTRUCTIVE STAFF.

PRINCIPAL	Jnanadabhiram Borooah, Esq, Barrister-at-Law
PROFESSORS	T R Phookun Esq, Barrister-at-Law. Satyanath Bara, Esq, B L A E Brown, Esq, M A, L L.B, Barrister-at-Law (on deputation)
LIBRARIAN	Srijut Muktadhar Sarma

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Medical College of Bengal

N B—The scale of fees as given in this Prospectus is payable by students admitted to the College from the beginning of the session 1916-17 and will not apply to old students who will continue to pay the existing rate of fees

RULES FOR THE GUIDANCE OF STUDENTS SEEKING ADMISSION

1 Three classes of students are admitted for study in the College—

(*a*) "Regular," or those who enter for the full University Course

The admission to this class is restricted to students (Male and female) who are natives of, or whose parents are domiciled in, the area within the territorial limits of the Calcutta University, and the Province of Behar and Orissa

(*b*) "Casual," or those who enter for selected or isolated subjects.

(*c*) "Military Class" (only students of European or Eurasian parentage are admitted to this class) (See separate prospectus for Military students)

The admission to this class is regulated by the Director-General, Indian Medical Service

2 The minimum preliminary qualification for admission to the—

(*a*) "Regular Class" is the I Sc Pass Certificate of the Calcutta University

N B—This rule does not apply to female students

(*b*) "*Casual*"—The Matriculation or Entrance Pass Certificate of the Calcutta or other Indian Universities, or the pass certificate of an examination equivalent to the Matriculation or Entrance Examination

3 The session commences on the 15th June

4 All new students must apply for admission to the Principal, Medical College, Calcutta, in the prescribed form available in his office before the 25th May, except in the case of Bihari, Uriya, Chota Nagpuri and Assamese students, who should aply to the Inspector-General of Civil Hospital of their respective Provinces for admission within such date as the latter may prescribe

Selected candidates must pay the following fees on or before the 10th June failing which their names will be struck off the selected list —

Admission fee	...	...	20 0
Fees for Summer term	...	...	62 8
Athletic Club fee		...	1 0
	Total	...	83 8

5 The number of regular students to be admitted each year is generally 120, but the Principal, may, at his discretion, increase or decrease this number. Preference for admission will usually be given to candidates who have superior qualifications, but the final selection lies entirely with the Principal

One-fourth of the total number to be admitted shall be Mahomedans, Twelve candidates will be nominated by the Inspector-General of Civil Hospitals of Bihar and Orissa and six candidates by the Inspector-General of Civil Hospitals of Assam These candidates must possess the qualifications mentioned in rule 2(a). In addition, the Bihar and Orissa Government will nominate six scholars, who after 1918, must possess the I Sc Pass Certificates These nominations must reach the Principal, Medical College, Calcutta, before the 10th June in each year failing which the Principal will fill up vacancies with local candidates

6 Female students of Bengal, Bihar and Orissa, Assam and Burma belonging to the Calcutta University will be admitted to the College provided they possess the requisite preliminary qualification and provided there is a vacancy in the Surnomoyee Hostel in which all female students must reside

7 Failed students must apply for admission and pay fees before the 15th May, otherwise their prior claim lapses

8 All Regular students must pay an annual fee of Rs. 125 in two instalments, *viz.*, Rs 62-8 for the Summar term and Rs 62-8 for the Winter term Fees once paid cannot be refunded

9 The fees for each term are to be paid in one instalment Except in the case of new students, the fees for Summar term are due on the 15th June, and those for the Winter term on the 1st November, and must be paid on those dates or on such subsequent dates as the Principal may direct, after which a daily fine of annas 4 will be levied along with the fee in each case of default

10 All Regular students excepting the female students must pay an annual fee of Re 1 to the Medical College Athletic Club along with fees for the Summer term.

11 Students relegated to a further course of study after their failure at the Preliminary Scientific M B and at the First M B Examinations shall pay Rs. 80 for the whole session in one instalment by the 1st June

12 Students taking up subjects outside the curriculum of the year in which they are studying shall pay Rs 30 for each such subject including lectures and practical classes

13. The fees for Casual students or for Certificates issued to Regular students leaving the College before completing their study or for those issued to Military students shall be Rs 40 per each course of lectures and practical classes and Rs 30 for every three months of Hospital Practice

14 Students who fail at the Final M B Examination shall pay fees for the whole session at the following rates in one instalment by the 1st June —

	Rs
For one subject ..	.. 25
„ two subjects ..	.. 50
„ three or more subject	.. 75

15. In calculating the sum to be paid under the Rule 12 by a Regular student, the amount of College fees paid by him or in the case of a student enjoying a stipendiary scholarship and free tuition, the amount which would have been paid by him, had he been a paying student, shall be deducted.

16. The fees payable by a Muhammadan student requiring certificates in the same way will be calculated on the same principle, *i e*, he will be allowed a deduction for the full annual fee, half of which has been paid by himself and half by the Mohsin Fund

17. Students of the Military class requiring certificates in the same way will be required to pay the rate of fees laid down in paragraph 12 for the full curriculum or for such portion as they have attended No deduction will be made in this case as they are not free students in the sense in which that term is defined in Bengal Government Resolution (Education) No 601 of the 7th December, 1880

18 The fee for Post-Graduates undergoing a course of training in the Pathological, Bacteriological, Physiological or Chemical Laboratory is Rs 90 for a period not exceeding six months

19 Holders of scholarships, awarded by the Government of Bengal, are not required to pay the annual fee of Rs 125 for the year in which they hold such scholarships All holders of other scholarships, whether granted by other Local Government, Local Bodies, or Dufferin Fund, shall pay the same fees as regular students

20 The following are the curricula of the College —

Regular students -

1st-year Class

Physics, Chemistry, Botany, Zoology and Practical classes in all these subjects, to be followed by Preliminary Scientific M B Examination of the Calcutta University and the Scholarship and Medical Examination of the College

2nd-year Class

Anatomy, Physiology, Materia Medica, Practical Pharmacy and Dissections to be followed by Examinations for award of College scholarships

3rd-year Class

Anatomy, Physiology, Materia Medica, Organic Chemistry, Dissections, and Practical classes in Physiology and Organic Chemistry, to be followed by Honour Examination of the College in the above subjects for scholarships medals and certificate of Honour of the College and by the First M B Examination of the Calcutta University

4th-year Class

Medicine, Surgery, Midwifery, Pathology, Medical Jurisprudence, Hygiene Dental Surgery, Hospital Practice (12 months), Clinical Methods and 20 Demonstrations, Practical Surgery and Bandaging and 30 Demonstrations, to be followed by a special Examination in Pathology and Midwifery for the selection of Class assistants

5th-year Class.

Medicine, Surgery, Midwifery, Hygiene, Ophthalmic Surgery, Operative Surgery, Mental Disease, Practical Pathology and Bacteriology, Practical Midwifery, and 20 Demonstrations, Hospital Practice (12 months), to be followed by Honour Examination of the College in all the subjects for the award of medals and certificates of Honour

6th-year Class.

Hospital Practice (12 months), to be followed by the Final M B. Examination

21. The following are the scholarships and rewards obtainable by students —

(*a*) Ten College scholarships of Rs 12 each, tenable for one year, together with free tuition are awarded to ten students on the results of the

Scholarship Examination at the end of the First-year Class, provided such students also pass the Preliminary Scientific M. B. Examination of the Calcutta University at the first attempt.

(*b*) Ten College scholarships of Rs 12 each, tenable for one year, together with free tuition, are awarded to ten students on the results of the Second-year's Scholarship Examination

(*c*) Ten scholarships of Rs 12 each, tenable for three years, together with free tuition, are awarded to ten students on the results of the Honour Examination of the Third-year Class, provided such students also pass the First M B. Examination of the Calcutta University at the first attempt

(*d*) Six Government scholarship (one for each year) of the value of Rs 25 each, will be awarded to the female students of the regular class who do not get the Dufferin or other Scholarships

(*e*) Special scholarships for Bihari and Uriya students –

Six scholarships of Rs 12 each to six students from Bihar and Orissa, tenable for six years from the date on which the students enter the College, are awarded by the Inspector-General of Civil Hospitals of Bihar and Orissa

(*f*) Mohsin Scholarships —Six stipends of Rs 15 each tenable in the Medical College, Calcutta, two of which tenable for one year only will be awarded by the Director of Public Instruction, Bengal, on the result of the I A and I Sc Examinations of the Calcutta University and of the remaining four, two tenable for two years each, will be awarded annually on the result of the Pr Sc M B Examination and the remaining two tenable for 3 years each will be awarded on the result of the First M B Examination to Bengali Mahomedans of indigent circumstances

(*g*) A limited number of scholarships will be granted to Mahomedan students of straitened circumstances who must prove to the satisfaction of the Principal that they are too poor to pay the college fees

22 If on account of the death, resignation or dismissal of any College scholar, a scholarship falls vacant, such scholarship will be awarded to the next best student in the list of the last Scholarship Examination, or to such other student as the Principal may consider fit

23 Holders of the College Scholarships, any other Government Scholarships or Trust Fund Scholarships administered by Government, are not eligible for the Durga Charan Laha Scholarship Similarly, a student already holding a scholarship, either on the result of the University Examination or granted by any other Government, is not eligible to compete for the College Scholarships

24 Regular students who at any time are referred, for a second year of study in all the subjects of one curriculum, are thereby rendered ineligible for any of the stipendiary scholarships awarded by the Government of Bengal for them They are however, eligible for the special scholarships and class prizes and medals and Certificates of Honour of the College

25 Certificates of Honour, to the number of three in each subject, may be awarded by the Professors, subject to the sanction of the Principal, to such students who have not obtained the medal, but are deemed worthy of it

26. The following is the list of prizes and special scholarships :—

Name of Reward	Subject	To whom open.	Condition of grant	When awarded	Value	Tenure.
1	2	3	4	5	6	7
					Rs A	
Goodeve Scholarship	Midwifery	Regular students of fourth year's curriculum who are *bona fide* Natives of India of Hindu or Muhammadan parentage	On the result of the Special Examination in Midwifery	At the end of fourth year	12 0 per month	One year
F C. Chatterjee Scholarship	Histology	Regular students of Native Indian extraction.	(*a*) The best in Histoloy, Normal and Morbid, at the end of Fourth-year (*b*) Good conduct	Annually in June	15 0 per month	Ditto *
Abdul Gunny Scholarship	.	Regular students	The best in all subjects at the College examinations of the First to Fourth-years, inclusive	Annually in May	22 0 per month	Ditto
Prosecutor's Prize ..	Anatomy	Ditto	The best student in Anatomy at the end of the Second and Third-years, respectively	Annually	24 0	
Bholanath Bose's Prize ..	Medicine or Surgery	Ditto	The most successful of the Fourth-year at bed-side diagnosis of disease in Medicine or Surgery	Ditto	35 0	
Government Prize in Clinical Medicine	Clinical Medicine	Regular students and others	The best clinical clerk of Fourth and Fifth-year.		35 0	

Government Prize in Clinical Surgery.	Clinical Surgery	Regular students and others.	To the best Clinical dresser of the Fourth and Fifth-year	...	Instruments	
Duke of Edinburgh's Prize	Surgery	Regular students	To the best of the Fourth and Fifth-years	...	28 0	
Raye Testimonial Prize	Anatomy	Regular Military pupils	On the results of the Second-year Examination in Anatomy	Annually	56 0	
Maharaja of Gwalior Prize	Preliminary Scientific M B Examination	Regular students	Highest marks at the Preliminary Scientific M B Examination and provided that the winner does not get any other prize	Ditto	10 8	
Dr Chandra's Scholarship	Materia Medica and Therapeutics	(1) Senior students of the Medical College (2) *Ex*-senior students of the Medical College studying in a Medical College in India or Europe (3) Any graduate or licentiate in Medicine of whatever standing †	Examination and Thesis Winner need not complete course of study in India	Ditto	30 2 per month	One or two years
Mrs Mary Chandra's Scholarship	Ditto	Female medical students of the Second-year	To the female medical student who stands first at the Second-year Examination No restriction on place of study afterwards	Annually at the end of the Second-year	20 0 per month	Two years

* Immediately after the Test Examination in Pathology.

27. The following is the list of College medals —

Name	Subject	To whom open	Conditions	When awarded	Nature
1	2	3	4	5	6
Goodeve .	Anatomy	Regular students	To the best native student of Second-year in the subject	End of Second-year	Silver
Macnamara ...	Chemistry	Ditto	To the best native student of the First-year Class	Ditto .	Do
Class ...	Ditto	Regular, Military pupils	The best student of First-year	End of First-year	Gold
Do	Botany	Regular students	Ditto Ditto	Ditto	Do
Do .	Comparative Anatomy	Ditto	Ditto. Ditto	Ditto	Do
Do ..	Physiology Materia Medica Anatomy	Regular, Military pupils	The best student of Third-year and the best student of the First and Second-year Military pupils	End of Third-year	Do
Do	Medicine . Surgery Midwifery . Medical Jurisprudence Pathology . Opthalmic Medicine Hygiene .. Dental Surgery	Regular students and Military pupils	The best Regular student of Fifth-year The best student of the Third and Fourth-year Military pupils.	End of Fifth-year	Do

Application for Enrolment as a Student of the Medical College of Bengal

Name . . . .

Age .. ..

Race, caste or religion and nationality .. ..

(Bengali, Uriya, Bihari, Assamese, &c)

Residence (Native District, Village and Post Office) ... .

Father's name (alive or deceased) . ...

(If father dead) guardian's name and residence (state relationship with the guardian) . . . .

Occupation and approximate annual income of father or guardian . . .

Source of maintenance while a student . .

What University examinations appeared (state name of College and roll number) .. . .

What University examinations passed . ...

(*a*) In what division

(*b*) From what College . . . .

(*c*) In what year . .. .

(*d*) From what University .. .

(*e*) In which of the subjects—Physics, Chemistry, Botany, Zoology—passed in the Intermediate Examination in Science, or Bachelor of Science. .. ..

What is your University registration number ? .. ...

I hereby certify that the above statement of particulars is true

Signature of applicant ..

Dated... .... Address . . . . .

N B —Candidates are requested to fill in this form carefully All the information in the above form must be correctly given

INSTRUCTIVE STAFF

Lt-Col. B H Deare, M R C P, D.P H, I M S.	Offg Principal and Professor of Medicine
Assistant Surgeon Ekendranath Ghosh	Professor of Botany
Ditto	Ditto Zoology
Rai C. L. Basu, Bahadur, M.B, F.C S, I.S.O.	Ditto Chemistry
Tulsidas Kar, M.A.	Ditto Physics
Captain J A. Shorten, I M S	Professor of General Anatomy and Physiology
Lt-Col. D. McCay, M.D., M R.C P, I.M.S.	Professor of Materia Medica
Dr. N. Pan, M.B. ..	Professor of Descriptive and Surgical Anatomy.
Lt. W. J. Key Stone, I.M S. ...	Lecturer in Practical Pharmacy
Lt.-Col. F P Cannor, D S.O., F R.C.S., I.M.S.	Professor of Principle of Surgery

Lt-Col. J C. H Leceister, I M S.	Professor of Midwifery
Major N P Sinha, M D, I.M S (Retd) M R C P.	Professor of Medical Jurisprudence
Lt-Col R P Wilson, F.R C S, I M S	Professor of Clinical and Operative Surgery
Major W. V Coppinger, M D, F R C S, D S O, I M S.	Professor of Ophthalmic Medicine and Surgery
J E Gill, Esq, L D S	Professor of Dentistry
Ditto	,, Dental Operations
Lt-Col D McCay, M D, B C H, D A O, M R C P, I M.S	,, Clinical Medicine
Lt-Col Sir L Rogers, Kt, C I.E, M D, F R S, F R C S, I M S	,, Pathology
Dr C A. Bentley, M B, D P H ..	,, Hygiene
Capt J A Shorten, B A, M B, B C H, I M S.	Offg Lecturer of Practical Class in Clinical Methods
Captain R B Lloyd	Offg Lecturer of Practical Surgery and Bandaging
Asst Surgeon Nagendranath Chatterjee	Asst Professor of Anatomy
,, Nilratan Banerjee	Demonstrator of Anatomy
,, Satischandra Das	,, ,,
,, Rajatchandra Sen	,, ,,
,, Lalitmohan Ghosh	,, ,,
,, Kalidas Bhattacharyya	,, ,,
,, Rai Satischandra Banerjee, Bahadur	Asst Professor of Physiology
,, Lalmohan Ghosal	Demonstrator of Physiology
,, Rajendranath Kundu .	Ditto
,, Satyacharan Sen	Ditto
,, Sureshchandra Chandra	Ditto
,, Charubrota Ray .	Ditto
,, Rai G C Chatterjee, Bahadur, M B	Asst Professor of Pathology
,, Jogeschandra Mukherjee	Demonstrator of Pathology
,, J N Maitra, M D	Ditto
,, Manindranath De .	Ditto
,, Saileswar Mukerjee	Asst Professor of Biology
,, Harihar Ganguli	Demonstrator of Biology
,, Nabajiban Banerjee	Ditto
Babu Pranabprasanna Sengupta, M B	Ditto
Asst Surgeon Benimadhab Chakrabarti	Asst Professor of Physics and Chemistry
,, Amulyaratan Chakrabarti	Demonstrator of Physics and Chemistry
Babu Sureshchandra Mukerjee M Sc	Ditto
,, Hariprasanna Chakrabarti ..	Ditto
Asst Surgeon Satinath Bagchi ...	Offg Lecturer on Practical Demonstration in Midwifery

SUCCESSION LIST

Principals

1853	M J Bramley	1865	C R Francis, M B, (*Offg.*)
1855	J McRae, M D		J Ewart, M D., (*Offg*)
1856	T W Wilson, M D	1868	N Chevers, M D
1857	W C B Eatwell, M D	1872	D B Smith, M D
1860	S B Partridge, (*Offg*)	1873	N Chevers, M D
1861	N. Chevers, M M	1876	D. B. Smith, M.D.

1877 J M Coates, M D, (*Offg*)
1878 { D B Smith, M D / J M. Coates, M D, I M S
1880 J. M Coates, M D, I M S
1890 Edward B Birch, M D, I M S
1893 G Bomford, M D, I M S.
1898 G. F A Harris, M R C P, I M S, (*Offg*)
1900 G Bomford, M D, I M S
1904 F J Drury, M B, I M S, (*Offg*)
1905 C P Lukis, M D, F R C S, I M S
1909 F J Drury, M B, I M S
1910 J T Calvert, M B, M.R.C.P, I M S, (*Offq*)
1911 F J Drury, M B, I M S
1912 J T Calvert, M B, M R C P, I M S
1913 B H Deare, M B, M R C P, I M S, (*Offg*)
1914 J T Calvert, M B, M R C P D P H, I M S
1919 B H Deare, M R.C P, D P H, I M S, (*Offg*)

Secretaries

1837 David Hare
1841 F J Mouat M D
1854 F Goodeve
1855 F N Macnamara, M A

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Carmichael Medical College

Founded, 1916

This College, the first non-official recognised Medical College in India, came into existence in 1916 The affiliation to the University of Calcutta in the Preliminary Scientific M B standard was obtained in April, 1916 The Institution that developed into this College was at the time of affiliation known as the Calcutta Medical School and College of Physicians and Surgeons of Bengal. It had its origin in the year 1886 when some independent medical practitioners met and thought that there was great demand for medical education and that the Government medical schools were unable either to cope with it or to supply a sufficient number of trained medical men for the people It was decided to start the first private medical school under the name of the Calcutta School of Medicine to supplement the efforts of the Government. The school continued in rented houses for seventeen years The bulk of the present site was bought in 1896 and the school was removed to Belgachia in 1903 The curriculum was modified in 1887 and framed according to that of the Government medical schools The name was also changed to "Calcutta Medical School" For clinical instruction the students used to attend the Mayo Hospital from the year 1888 The Albert Victor Hospital (one storeyed building) was formally opened with 40 beds in 1902 The upper storey was built and the new wards were opened in 1909 the total number of beds being thus increased to 100 The institution flourished, numerous students wanted admission every year and many trained men of the Hospital Assistants standard were passed out. The College of Physicians and Surgeons of Bengal, another private institution started in 1895 aiming at medical education of the collegiate standard, was amalgamated with it in 1903 The combined institution was now called the Calcutta Medical School and College of Physicians and Surgeons of Bengal and continued to do useful work till session 1917-18. During thirty years hundreds of trained medical men passed out who are doing useful work under Government, Municipalities, in the various industries, (jute, tea, shipping, &c,) or as country practitioners This was rendered possible, mainly by the voluntary, ungrudging, and unpaid work done both in the school and in the Hospital by the independent medical profession.

In 1911, before the introduction of the Medical Registration Bill the Government asked the private medical institutions in Calcutta to unite and form one good and efficient teaching institution with a view to help its recognition by the University or the Bengal Council of Medical Registration Attempts at this union continued for nearly two years but failed The Government of India then decided to render financial help to the parent institution at Belgachia with a view to its ultimate affiliation to the University of Calcutta Negotiations were opened between the Government and the representatives of the institution in May, 1913 Ultimately a scheme was framed, the main conditions of which were that the Government offered to give a capital grant of 5 lacs, provided the Committee raised 2½ lacs from the public and a recurring grant of Rs 50,000 provided they got Rs 30,000 a year from the Calcutta Corporation and Rs 10,000 annually from the University The authorities had great difficulties in fulfilling the conditions of the Secretary of State and in obtaining affiliation of the University However, at last these struggles were over and the difficulties overcome and the first affiliation to the University of Calcutta was obtained in April, 1916 The College was formally opened on the 5th July 1916

In July 1917 the College was affiliated up to the standard of the 1st M B Examination The affiliation of the college was extended to the Final M B Examination in July 1919

The College Curricula are in accordance with the M B Examination rules in the Regulations of the Calcutta University.

In May 1918 the name of the Society was altered to "Medical Education Society of Bengal" New Rules and Bye-laws were framed and the Government of the College is now vested in a Council consisting of 11 members of whom 3 are nominated by Government and 1 by the Corporation of Calcutta The Principal is a member ex-officio Of the remaining six, 3 are selected by the College and the Hospital staff, and 3 by the members of the Society (2 of these are of the teaching staff this year)

COUNCIL

1 Lt Col S P Sarbadhikari, I M S, C I E, M D *President*

2 Dr. M N Banerjee, B A, M R C S (Eng), Principal, Carmichael Medical College

3 The Hon'ble Sir Devaprasad Sarbadhikari Kt, C I E, M A, LL D

4 The Principal of the Medical College, Calcutta
5 The Superintendent of the Presidency General Hospital } Nominated by Government
6 The Superintendent of the Campbell Hospital

7 Dr Saratkumar Mullick, C B E, M S, M D, (Edin) (Calcutta Corporation)

8 Dr Narendranath Basu, L M S

9 Dr Mrigendralal Mitra, M.D, F R C S, (Edin)

10 Dr M. N Bose, M B C M, (Edin)

11 Dr Kedarnath Das, C I E, M D

THE STUDENTS

1 Students ordinarily enter for a complete course of study but few go in for selected courses in one or more subjects

2 Students who enter for the full course are called "regular" and those who enter for isolated subjects are termed "casual" students

3 The maximum number of students admitted every year is determined by the Syndicate of the University

4 Application for admission should be made to the Principal of the colleg Forms of application are to be obtained from the Principal's office

FEES

All regular students must pay an annual fee of Rs 125 in two instalments of Rs 62-8 viz, in June and December, admission fee for the First-year students being Rs 20 A practical class fee is also payable in 2 instalments along with the college fees Fees once paid cannot be refunded

All regular students must pay an annual fee Re 1 to the College Sporting Club along with the fees for the summer terms The fees for the casual students shall be Rs 40 for each course of lectures and for each course of Practical classes

All students shall have to make a deposit of Rs 10 as caution money which will be refunded to them when they finally leave the College after deducting any amount that may be charged against them for damage or loss of instruments and appliances If the caution money so deposited by any student is at any time fully used up for his purpose he will be called upon to make a fresh deposit of Rs 10 as often as may be necessary Practical classes (for 2 hours each in Bacteriology are held thrice a week in the winter Session the minimum attendance for eligibility to appear at the examination being 30 hours A practical class fee of Rs 50 is payible for a term The attendance at this course entitles them to a certificate

EXAMINATION

1 The examinations compulsory for regular students are - The College Test Examination and the Calcutta University Examination

2 Casual students may be required to pass the College Test Examinations

SCHOLARSHIPS, MEDALS, PRIZES AND CERTIFICATES OF HONOUR

1 R Sen Scholarship—in Hygiene—Rs 2 per month, tenable for one year in each case awarded by Mrs R Sen

2 Aghore—Prakash Scholarship—to 15 students of the 2nd, 3rd, and 4th year classes at Rs 10 each per month, tenable for one year (12 students to be selected by the Council and 3 by the donor himself—) Awarded by Dr B C Roy M D M R C P F R C S (Eng)

3 Swarna—Paibati Scholarship—Rs 10 a month tenable for one year in each case, to the best student at the first M B Examination Awarded by Dr K S Ray M A, B Sc, M B Ch B (Edin) and Kumar Sanker Ray, Esqure

4. Dr Rakhaldas Ghosh Medal (Silver)- in Clinical Medicine Awarded by Dr B N Ghosh F R F P S (Lond) L M, (Dub) F R S M (Lond)

5 Harimati Dasi Medal (Silver,—in Midwifery Awarded by Sreemati Harimati Dassi

6 Medal in Bacteriology- Awarded by Dr J M Das Gupta, M B and Capt J L Sen, M C I M S

7 A Medal (Gold) in Pharmacology -Awarded by Dr P Nandi, M D

8 Soorjeekumar Sarbadhikari Medal (Silver) in Botany—Awarded by Lt Col S P Sarbadhikari, I M S

9 Dronath Bose Medal (Silver) in Chemistry—Awarded by Rai Chunilal Bose, Bahadur, I S O, M B, F C S

The College awards a Silver Medal in each of the remaining subjects on the result of the Test and Annual Examination provided he obtains not less than 75 per cent of marks and passes the University Examination

Certificates of honour not exceeding three in each subject will be awarded to the students next in order of merit provided they obtain not less than 66 per cent of marks and passes the University Examination

THE STAFF OF THE COLLEGE

1	Principal	Dr M N Banerjee, B A, M R C S. (Eng)
2	Professor of Medicine	Dr B C. Roy, M D, F R C S (Eng).
3	Professor-in-charge of Surgery	Lt. Col S P Sarbadhikari, I M S. C I E, B A, M D
4.	Protesor of Surgery	Dr M Mitra M D, F R C S (Edin)
5	Professor of Ophthalmic Surgery	Dr M. N Chatterjee, M B.
6.	Profeesor-in-charge of Midwifery and Gynecology	Dr Kedarnath Das, C I E, M D.
7.	Professor of Midwifery and Gynecology	Dr Narendranath Basu, I. M.S
8	Professor-in-charge of Pathology	Dr Charuchandra Basu, B A, M B
9	Professor of Pathology	Dr J M Dasgupta, M B
10.	Professor of Medical Jurisprudence	Major N P Sinha, I M S
11	Professor of Hygiene	Dr T N Majumdar D P H, F C S, (Lond) F R S, (Edin)
12	Professor of Anatomy	Dr M N Bose, M B, C M (Edin.)
13	Actg Professor of Physiology	Dr S P Neogi, M.Sc, M. B.
14	Professor of Materia Medica	Dr P Nandi, M D
15	Professor of Chemistry	P C Ray, Esq, M A
16	Professor of Physics	M M Ray, Esq, M Sc
17	Professor of Botany	S R Bose, Esq, M A
18	Professor of Zoology	Dr Ekendranath Ghosh, M Sc, M D.
19	Asst Professor of Anatomy	Dr A K Rai Chaudhury, M D.
20	Asst Professor of Biology	Dr P P Sengupta, B Sc., M B
21	Senior Demonstrator of Pathology	Dr H C Banerjee, L M S
22	Demonstrator of Pathology	Dr B N C Roy, M B
23	Demonstrator of Anatomy	Dr Bhupendranath Bose, M B
24	Do	Dr Debipada Banerjee, M B
25	Do	Dr Nerodchandra Chatterjee, M.B
26	Demonstrator of Physiology	Dr S K Sen, B Sc, M B
27	Do	Dr A N Banerjee, M B
28	Do	Dr Sreepati Kumar M B
29	Do	Dr S N Nandan, M B
30	Demonstrator of Chemistry	Mr N K Sen, B Sc
31	Do	Mr Haripada Chakraburtty M.A
32	Do	Mr Dhirendramohan Dutt, B Sc.
33	Demonstrator of Physics	Mr S D Majumdar, B Sc
34	Do	Mr B B Datta, M Sc
35	Demonstrator of Biology	Dr S N Basu, M B
36	Demonstrator of Botany	Mr P P Sen, B.Sc
37	Demonstrator of Botany	Mr Chittaranjan Roy, B Sc

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The Bengal Engineering College, Sibpur.

AFFILIATED 1880

This is the only College affiliated in Engineering to the Calcutta University. It was opened at Sibpur on 5th April, 1880, and is under the control of a Governing Body, appointed by the Bengal Government

It is a residential College to which all classes of the community are admitted

There are two Departments

I, The Engineer Department, affiliated to the standard of the Degree of Bachelor of Engineering in the Civil Engineering Branch and offering the full College Diploma of "CIVIL ENGINEER"

II The Apprentice Department, offering the courses of the Joint Technical Examination Board (*a*) Civil Engineering, to the Upper Subordinate Stardard (*b*) Mechanical and Electrical Engineering and (*c*) a College course in Mining for the Government *Diploma in the Principles of Mining*

I ENGINEER DEPARTMENT

Admissions are made yearly up to a maximum of 24, of whom 20 are Regular and 4 Special students

Of the Regular students 6 vacancies are reserved for Burma, Bihar and Orissa, and Assam

Candidates from Burma and Assam must apply for nomiations to the Directors of Public Instruction of those Provinces

Special students are defined as being the sons of professional men, owners of landed or mineral property and others who wish to receive training in connection with private business, for the development of the country and its resources They are admitted at the discretion of the Principal

For admission to the Engineer Department of the College the candidate must have passed (*a*) the Intermediate Examination in Science with English, Mathematics, Physics and Chemistry and in addition (*b*) a special Test in Drawing

Candidates for admission as regular students must be under 21 years of age on the first of January of the year in which they seek admission

Applications for registration for the Drawing Examination and for admission must reach the Principal not later than such date as may be fixed and they must be accompanied by an Examination and Registration Fee of Rs 4

The course for the full College Certificate of "CIVIL ENGINEER" extends over five years—four years at the College followed by one year of practical training on works in progress The 1st two years of the College course prepare students for the Intermediate Examination in Engineering and the last two for the Bachelor of Engineering Examination,—at present this is offered only in the Civil Engineering Branch Regular student are allowed three years to complete the Intermediate Course, if they take longer they are not re-admitted to the College as Regular students Three years also are allowed for the Graduate Course

The College Fees are payble in 8 equal monthly instalments during the session as follows —

	Tuition Regular students		Consolidated Barrack charges	Boarding
	Intermediate Course	Graduate Course		
	Rs	Rs	s	Rs
Europeans & Eurasians	15	22-8	5-8	22 to 26
Hindus	15	22-8	5-8	11 to 13
Mahomedans	15	22-8	5-8	a private mess *

Special students pay Rs 7-8 extra throughout the course for tuition and are not eligible for College stipends or for posts guaranteed by Government.

*A cook and a servant are engaged by Government for the Mahomedan Mess and special stipends are awarded to Mahomedan students of a value from Rs 6 to Rs 2 depending on the number in the Mess The object of their provisions is to reduce the cost of living in the College of Mahomedan students to the same level as in the case of other Indian students

Scholarships

Payble in 8 equal monthly instalments during the session as follows —

One of Rs 300 yearly, and five of Rs 180 each yearly tenable for 2 years, are awarded to Regular students entering the First Year Class, provided that they do not hold any other Government or University Scholarships

Mohsin Stipends—Two of Rs 120 yearly awarded on admission. Two of Rs 120 yearly awarded in the 3rd and 4th years

One of Rs 300 yearly is reserved for qualified Europeans or Eurasians, but if no such are applicants, they are open to any one else

One Senior Scholarship of Rs 300 yearly, one of Rs 300 yearly, two of Rs 240, each yearly tenable for two years, are awarded to Regular students on the results of the Intermediate Examination in Engineering and the workshop tests combined. One Senior Scholarship of Rs 360 yearly is reserved for Europeans The number of these Senior Scholarships shall not exceed one-half the number of candidates appearing or two thirds the number that pass the Intermediate Examination in Engineering.

A Forbes Memorial Scholarship of Rs 120 yearly tenable for two years accompanied by a Medal is awarded by the Principal on the result of the Intermediate Examination and workshop Tests This scholarship may be held concurrently with a Senior Scholarship.

After obtaining the University Degree in Engineering every Regular student is as far as possible given the opportunity of undergoing one year's course of practical training and of thus earning the full College DIPLOMA OF CIVIL ENGINEER During this period 13 scholarships are available of which 3 are specially reserved for training under the Sanitary Engineer

These scholarships are of the value of Rs 100 for Europeans Rs 50 for Indians, but Rs 10 is retained and handed over to the student on the satisfactory completion of his training

The Government of India guarantees each year one appointment of Assistant Engineer in the Superior Provincial service of the Public Works Department to a student of this College who is statutory native of India The successful students are posted in alternate years to Bengal and to the State Railways

II APPRENTICE DEPARTMENT

Offers courses in Civil Engineering, Mining and Mechanical and Electrical Engineering

(*a*) *Civil Engineering*—A four years' course is offered, three years at the College and one on practical training At the end of the third-year the Overseer Examination is held and the full course Diploma Upper Subordinate is awarded on the satisfactory completion of the practical training

Admission—Students who have passed the B Final Examination or who have passed the Matriculation Examination in the 1st Division with Additional Mathematics are eligible for admission to the 1st-year class, provided that they are under 19 years of age on the 1st of January of the year in which they seek admission.

The session begins on the 1st Monday in November

(*b*) *Mining*—A three years' College course preparing students for the Government Diploma in the Principles of mining The 1st-year session begins in February Matriculation and B Final candidates are eligible for admission to the 1st year and Sub-Overseer to the 2nd-year Students over 20 years of age are not admitted

(*c*) *Mechanical and Electrical Engineering*—A three years College course preparing students for the full course certificate of the Joint Technical Examination Board, this is followed by one year of practical training Admission as laid down above for Mining

The tuition fee is Rs. 36 yearly except during the practical training period when no tuition fee is charged This fee is payable in 8 instalments

All students must be boarders A consolidated Barrack charge of Rs 32 yearly is made

Boarding Stipends

There are 5 Boarding stipends of Rs 25 and 25 Boarding stipends of Rs. 20 each per month for Anglo-Indians and 32 of Rs 10 each per month for Indians Holders of Boarding stipends pay no tuition fee

Scholarships

A few Scholarships tenable for two years in the Mining Branch are granted on the result of the Examination for promotion held at the end of the 1st-year

Ten stipends of Rs 15 and ten of Rs 0 monthly tenable during the final period of Practical Training, are awarded on the result of the Overseer Examination

Guaranteed Appointment

The Government of India guarantee each year one Overseers appointment on the Pensionable establishment of State Railways, this is awarded on the result of the Final Examination of the Upper Subordinate Class

Electrical Power Plant

Students studying Electrical Engineering are trained upon the College Electrical Power Installations, which comprise

1 An Electric Lighting Plant 110 volt direct current with a large accumulator Battery

2 An Electric Power Plant for the workshops 220 volt 3 phase alternating current

Workshops

The students of the Engineer Department undergo workshop training for about 8 hours weekly, during the 1st two years, attending the Carpenter's shop in the 1st year and the Blacksmith's in the 2nd year Passing in the Practical tests of these shops is obligatory The marks obtained are taken into account in the award of the guaranteed Assistant Engineer's post

The students of the Apprentice Department spend 3 hours daily in the workshops

There are the following workshops –

(1) Carpenters, (2 Blacksmiths (3) Iron and Brass Foundry, (4) Fitting and Machine shop

Industrial Classes

Boys, preferably the sons of workmen are admitted to Industrial Classes in connection with the workshops

College Staff

Principal — Mr R Heaton (I E S), F C U

PROFESSORIAL AND TEACHING STAFF

Department of Civil Engineering

Professor — Mr T H Richardson, B A I (Dublin). M I C E (Ireland), (I E S.), F C.U

Teacher — Babu Ramaranjan Ghosh, B.A B E, (Cal)

Visiting Lecturers

Mr. W S Kerr — Asst Govt Architect
Mr P N Banerji — Resident Engr Messrs Martin & Co.
Mr J. C Sedgeley — Under Secy P W D (Irrigation)
Capt Bery — Asst Sanitary Engr
Mr Ghosh — Ditto.

Sub-Department of Drawing

Assistant Professor		Mr J V Francies, F C S (On deputation)
Teacher	..	Babu Chunilal Sarkar B E (Cal).

Department of Mechanical Engineering

Professor and Superintendent of Workshop	(Vacant) Mr A Macdonald (*Offg*)
Assistant Professor	Mr P C Ganguli
Instructor in Mechanical Drawing	(Vacant)
Foreman Instructor (Carpenter's shop)	Mr H G Landeman
Do (Power House and Mechanical Engineering shop)	Mr W C Mylne
Foreman Instructor (Fitting and Foundry)	Mr G R Ballantine
Foreman Instructor (Smith's shop)	(Vacant)
Native Mistry Instructors	Fourteen in number

Department of Electrical Engineering

Professor	Mr W H Everett, B A, B E, (Royal) M I M E, M I E E, (I E S), (On deputation) Mr B C Gupta, (I E S) Offg
Demonstrator	Babu Bhawanicharan Mitra, F M U S

Department of Mining

Professor	Mr F H Roberton, M Sc, (Birm) B A M I M E, F G S, (I.E.S),
Instructor	Babu Rashbehari Mondol

Department of Physics and Mathematics

Professor	Mr A. Macdonald, B Sc, (Glasgow) M A (I E S), on Military duty Mr S N Mitra, B A (Cantab), A R C S (Lond.) (Offg.)
Demonstrator (Physical Lab)	Babu Dhirendranath Mukerjee, M Sc (Cal),
Lecturer in Mathematics	Babu Tulsicharan Basu, M A (Cal) (Outside grades)
Demonstrator (Mathematical Lab)	Babu Nagendranath Banerjee, B E (Cal)
Instructor ...	Mr. C V Newman, B Sc, (Cal)

Department of Chemistry

Professor	Mr W. Saunders, B Sc, (Lond.) I E S
Demonstrator	Babu Tarak Das Ghosh.

Staff of Laboratory Assistants and Draftsmen

Draftsman Department of Drawing, and Principal's Office	Babu Hrishikesh Chakrabarti
Draftsman, Department of Mechanical Engineering	Mahomed Fezlar Rahman
2nd Assistant, Mining Department	Babu Prokashchandra Ghosh.
Assistant, Chemical Laboratory	Babu Brajakisore Banerjee, B Sc
,, Physical Laboratory ..	Babu Narayandas Bose, M.Sc
Assistant, Electrical Laboratory ..	Babu Jitendranath Chakrabarty, M Sc.

Library

Librarian .. **Babu Nagendranath Sen**

List of Principals.

1880—1891	S F Downing, M A , A M I.C.E., I C.E
1892- 1898	J S. Slater
1899—1900	*A Macdonell, M A.* (*Offg*)
1900—1901	B Heaton (*Offg*)
1901—1902	J S Slater
1902—1903	*B Heaton,* (*Offg*)
1903—1904	J S Slater, F.R A S
1904	B Heaton
1904—1905	*A Macdonell, M A.* (*Offg*)
1905	B Heaton
1910—1911	*P Bruhl, D Sc*, (Cal), M I E.E , F.G S , F C.S (*Offg*)
1912	B Heaton

XVIII.

Alphabetical List of Recognised Schools.

Permanently Recognised Schools with Districts.

A.

A

Abdullapore H E School, Dacca
Abaipore Ramsundar Institution, Jessore
Abhayapuri Abhayeswari H E School, Goalpara, Assam
Agartala Umakanta Academy, Tipperah
Ajagarah H E School Khulna
Alamdanga H E School, Nadia
Amla Sadarpore H E School, Nadia
Amta H. E School, Howrah
Andul H E School, Howrah
Araihazar H E School, Dacca
Arambagh H E School, Hughli
Ariadaha Kalachand H E School, 24-Parganas
Asansol H. E School, Burdwan
Autshahi Radhanath H E School, Dacca

B

Babulia J S H E School, Khulna
Baburhat H E School, Tipperah
Badla H F School, Burdwan
Bagati H E School, Hughli
Bagerhat H E School, Khulna
Baghutia Bibhagdi H School, Jessore
Bagnan H E School, Howrah
Baharu H. E School, 24-Parganas
Bahirdia H E School, Khulna
Baidyabati Banamali Mukerjee Institution, Hughli
Baidyapore George Institution, Burdwan
Baisari H E School, Barisal
Baisharshi Sivasundari Academy Faridpore
Baje Shibpore B K. Pal's Institution, Howrah
Bajitpore H E School, Mymensingh
Bajitpore Rajkumar Edward Institution Faridpore
Bajrajogini H E School, Dacca
Balagarh H E School Hughli
Bali River Thompson School, Howrah
Balurghat H E School, Dinajpore
Baluhati H E School, Howrah
Banagram Century Institution, Khulna
Banari H E School, Dacca
Banaripara Union Institution, Backergunj
Bangora Umalochan Academy Tipperah
Baniachong Harischandra H E School, Sylhet Assam
Bandhura Gobindpore Holy Cross Institution, Dacca
Bankura Wesleyan Mission H School
Bankura Hindu School
Bankura Zila School
Bantra Madhusudan Palchaudhary H School, Howrah
Baradi H E School, Dacca
Barahanagar Victoria H. E School, 24-Parganas
Barasat Govt H E School, 24-Paraganas
Barisa H E School 24-Parganas
Barisal Brajamohan Institution, Backargunj
Barisal Zillah School
Barpeta H E School, Kamrup, Assam
Barrackpore Govt H School, 24-Parganas
Baruipore H E School, 24-Parganas
Basantia H E School, Midnapore
Basirhat H E School, 24-Parganas
Bawali H E School 24-Parganas
Behala H E School, 24-Parganas
Beldanga Govindasundari Academy, Murshidabad
Belpukur H E School, Nadia

Beltali Gangaprasad Jagannath H School Dacca
Bera Bipinbihari Institution, Pabna
Berhampore K N Collegiate School, Murshidabad
Bhagirathpore H E School, Murshidabad
Bhagyakul Harendralal Academy, Dacca
Bhaita H E School, Burdwan
Bhajanghat H E School, Nadia
Bhandarhati B M Institution, Hughli
Bhanga H E School, Faridpore
Bhastara Jajneswar H E School, Hughli
Bhola Govt. H E School, Backargunj
Bijhari H English School, Faridpore
Binodpur B K High School, Jessore
Birbhum Zila School, Birbhum.
Birsinha Bhagabati Vidyalaya, Midnapore
Bishenpore High English School, Bankura
Bishnupore Sir Rameschandra High School, 24-Parganas
Bogra Coronation School, Bogra
Bogra Zila School, Bogra
Boinchi B L Mukerjee Free Institution, Hughli
Bolpur H E School, Birbhum
Bongong H E School, Jessore
Boral H E School, 24 Parganas.
Brahmanbaria Annada H. E School, Tippera
Brahmanbatia Edward H E School Tipperah
Brahmanbaria George H School Tipperah
Brahmanbhita Union Institution, Dacca
Burdwan H E School, Burdwan
Burdwan Raj Collegiate School Burdwan

C

Calcutta Academy
" Aryan High School
" Aryya Mission Institution
" Atheneum Institution
" Bangabasi Collegiate School
" Baptist Mission Girls' H School
" Bethune Collegiate School
Calcutta Bishop's Collegiate School
" Bowbazar H. School
" Brahmo Girls' H School
" Brahmo Boys' H School
" Central Collegiate School.
" Christ Church H School
" City Collegiate School
" Collin's Institute
" Cotton Institution
" Diocesan Collegiate School
" Garden Reach C M S H School
" Girls' H School
" Hare School
" Hindu School
" High School
" Kesav Academy
" Khelatchandra Institution
" Kidderpore Academy
" Kumar Radhaprasad Institution
" L M S Institution
" Loreto House
" Madrassa
" Metropolitan Institution
" " Barabazar Branch
" " Bowbazar Branch.
" Mitra Institution
" " " Bhownipore Branch
" M L Jubilee Institution
" Morton Institution
" Narikeldanga George H School
" New Indian School
" Oriental Seminary
" Ripon Collegiate School
" Scottish Churches Collegiate School
" Sanskrit Collegiate School
" Syambazar Vidyasgar School
" Sil's Free College
" South Suburban School
" Sri Vishuddhananda Saraswati Vidyalaya
" St Mary's H School
" St Anthony's Institution
" St Paul's H School
" Taltala H School
" Town School
" Training Academy
" United Mission Girls' School
" U F C Training and High School
Chakdaha Ramlal Academy, Nadia

Chakdighi Saradaprasad Institution, Burdwan
Chanchal Siddheswari Institution, Maldah
Chanchaitala Siddheswari A C Institution, Dacca
Chandernagar Dupleix College, Hughli
Chandpur Hasanali Jubilee Institution, Tipperah
Chandrakona Jirat H E School, Midnapore
Chatkhil Panchgaur Gupta H School, Noakhali
Chatmohar Sambhunath H School, Pabna
Chatra Nandalal Institution, Hughli
Chaubari Islamia School, Pabna
Chikandi H E School, Faridpore.
Chinsurah Training Academy, Hughli
Chinsurah U F C Mission H School, Hughli
Chittagong Collegiate School, Chittagong
" Government Moslem School, Chittagong
" H E School, do.
" Municipal School, do
" National School, do
Chuadanga Victoria Jubilee School, Nadia
Comilla Yusuf School, Tipperah
Comilla Victoria H E School
Comilla Zila School
Contai H E School Midnapur
Contai Model School, "
Cooch-Bihar Jenkin's School, Cooch-Bihar

D

Dacca Armenitola Government School
" Collegiate School
" East Bengal Institution
" Eden Female School
" Government Moslem School
" Imperial Seminary
" Kisorilal Jubilee School
" Pogose School
" Ukil's Institution
Dainhat H E School, Burdwan
Damurhuda H E School, Nadia
Darjeeling H School, Darjeeling
Dasghara H E School, Hughli
Daulatpur H E School, Khulna
Debigunj Nripendranarayan H F School, Jalpaiguri
Dibrugarh Government H School, Lakhimpur, Assam
Dhalla H E School, Mymensingh
Dhandia Union Institution, Khulna
Dhakoria H E School, 24-Parganas.
Dhubri H E School, Goalpara, Assam
Diamond Harbour H. E School, 24 Parganas
Dighapatiya P N H School, Rajshahi
Dinajpore Zila School, Dinajpore.
Dinhata H E School, Cooch-Bihar
Dishargarh Ambicacharan Institution. Burdwan
Domsher Jagatchandra Institution, Faridpore
Dumkal H E School, Murshidabad
Durgapore H E School, Chittagong.
Duptara Central Coronation School, Dacca
Dubalhati Raja Haranath School, Rajshahi

E

Elliotgunj H E School, Tipperah.
Ethora Srischandra Institution, Burdwan

F

Faridpore Isan Institution, Faridpore
Faridpore Zila School, Faridpore
Fatikchari Coronation H E School, Chittagong
Feni H E School, Noakhali
Fukura Madanmohan Academy, Faridpore
Fultala Reunion School, Khulna

G

Gabha H E School, Backergunj
Gaffargaon Islamia H School, Mymensingh
Gaibandha H E School, Rangpore
Gaila H E School, Backergunj
Gangarampore P K Institution, Jessore
Garalgachcha H. E School, Hughli
Garbati H E School, Hughli
Garbeta H E School, Midnapore
Garbhawanipore H E School, Howrah
Gauhati Cotton Collegiate School, Kamrup, Assam
Gauripore P C Institution, Goalpara, Assam

Gauripore Rajendrakishore H School, Mymensingh
Ghatal H E School, Midnapore
Goalanda H E School, Faridpore
Goalpara H E School, Goalpara, Assam
Gobardanga H E School 24 Parganas
Gokarna P M H School Murshidabad
Gokarna Syed Waliullah H E School, Tippera
Golaghat Bezbarua Government School, Sibsagar, Assm
Gopalgunj Mathuranath Institution, Faridpore
Gopalnagar Kerr Institution, Midnapore
Gossain-Durgapore H E School, Nadia
Guptipara H. E School, Hughli
Ghustia K M H E School, 24 Parganas

H

Habigunj Government H School Sylhet, Assam
Hailakandi Victoria Memorial School, Cachar, Assam
Halisahar H E School, 24 Parganas
Harina Bagbati H E School, Pabna
Harina Chalitatali Edward Institution, Tippera
Harinabhi H E School, 24 Parganas
Harinarayanpore H E School, Nadia
Haripal Gurudayal Instituton, Hughli
Hashara Kalikisor H E School Dacca
Hatuganj M N K H E School, 24-Parganas
Hemnagar Sasimukhi H E School, Mymensingh
Hetampore Raj H E School, Birbhum
Howrah I R Belilios Institution Howrah
Howrah Ripon Collegiate School, Howrah
Howrah Zillah School, Howrah
Hughli Branch School, Hughli
Hughli Collegiate School, Hughli

I

Ichhapura H. E. School, Dacca
Idilpore H E School, Faridpore
Ikhra Basantibijay H. E School Burdwan
Ilsoba Mondlai H. E School, Hughli
Irphala Krishnamohan Institution, Midnapore
Islampore H E School, Murshidabad
Itachona Srinarayan H E School, Hughli
Itna H E School, Jessore

J

Jagatballabhpore H E School, Howrah
Jaidebpur Rani Bilasmani H E School, Dacca
Jalpaiguri Zila School, Jalpaiguri
Jamalpore Donough Government H. E School, Mymensingh
Jamirta High English School, Pabna
Jamsherpore B N High School, Nadia
Jamurki Sir Nawab Abdul Gani High School, Mymensingh
Janai Training School, Hughli
Jangipore H E School, Murshidabad
Jara H E School, Midnapore
Jaynagar Institution, 24-Parganas
Jaypore Phakirdas Institution, Howrah
Jaypore Lohagara Institution, Jessore
Jessore Sanmilani, Jessore
Jessore Zila School, Jessore
Jhalakati Govt H. School, Backergunj
Jhapardaha Duke Institution, Howrah
Jhenidah H E School, Jessore
Jhikra H E School, Howrah
Jiagunj E C Institution, Murshidabad
Joradah H E School, Jessore
Jorhat Bezbarua H School, Sibsagar, Assam
Jorhat Govt H School, Sibsagar, Assam
Juniadah H E School, Nadia

K

Kagram H. E School, Murshidabad
Kaikala H E School, Hughli
Kakina Mahimaranjan Memorial School, Rangpore
Kalia Remodelled H School, Jessore
Kaliguni Raja Rajendranarayan H School, Dacca
Kalma Lakshmikanta H School, Dacca
Kalna Maharaja's School, Burdwan
Kamarhati Sagore Dutt Free School, 24-Parganas
Kanchantala J D. J Institution, Murshidabad
Kandi Raj H E School, Murshidabad

Karapara H E School, Khulna
Karimganj Govt H School, Sylhet, Assam
Kartikpore H. E School, Faridpore
Kasba H E School, Tippera
Katwa Kasiram Das Institution, Burdwan
Kazirpagla A. T Institution, Dacca
Khagra L M S Institution, Murshidabad
Khaliskhali Magura Saradacharan Institution, Khulna
Khalispore H E School Khulna
Khanakul Krishnagar Jnanada Institution, Hughli
Khankhanapore Surajmohini Institution, Faridpore
Kharagpore B N R Indian H School, Midnapore
Khararia H E School, Khulna
Khoksa Janipore H F School, Nadia
Khulna Zilla School, Khulna
Kirnahar Sibchandra H Sehool Birbhum
Kirtipasa P K. Institution, Backergunj
Kisoregunj H E School, Mymensingh
Konnagar H E School, Hughli
Kotalpur H E School, Bankura
Kotchandpore H E School, Jessore
Kotwalipara Union Institution, Faridpore
Krishnagar A V Institution, Nadia
Krishnagar C M S St John's H School, Nadia
Krishnagar Collegiate School, Nadia
Kuchiakole Radhaballabh Institution,
Kumarkhali M N Institution, Nadia
Kurigram H E School, Rangpore
Kushtia H E School Nadia

L

Labhpore J L H E School, Birbhum
Lakshmipasa D C Institution, Jessore
Lakshmipore H E School, Noakhali
Lohajang H E School, Dacca
Lonsing H E School, Faridpore

M

Madaripore H E. School, Faridpore
Magura H E. School, Jessore
Mahamuni Anglo-Pali Institution, Chittagong
Mahespore H E School, Jessore
Mahestala H E School, 24-Parganas
Mahisadal Raj H School Midnapore
Majdia Railbazar H E School, Nadia
Majilpore J M Training School, 24 Parganas
Maju R N Basu H School, Howrah
Maldah Zila School, Malda
Malkhanagar H E School, Dacca
Mangaldai H E School, Darrang, Assam
Manickgunj H E School, Dacca
Mathabhanga H E School, Cooch-Bihar
Mathrun N C Institution, Burdwan
Maulavibazar H E School, Sylhet, Assam
Meherpore H E School, Nadia
Mekliganj H E School, Cooch-Bihar
Memari Vidyasagar Memorial School, Burdwan
Midnapore Collegiate School, Midnapore
Midnapore Hindu School, Midnapore
Midnapore Town School, Midnapore
Miksimil Rudaghara H E School, Khulna
Mughkalyan H E School, Howrah
Muktagachcha Ramkisor H School, Mymensingh
Munsiganj H E School, Dacca
Muradnagar Durganarayan H School, Tippera
Muragachi H E School, Nadia
Murapara Victoria H School, Dacca
Murshidabad Nawab Bahadur's Institution, Murshidabad
Mymensingh City Collegiate School
Mymensingh Mrityunjay H School
Mymensingh Vidyamoyee Girls School
Mymensingh Zila School

N

Nabadwip Hindu School, Nadia
Nabinagar H, E School, Tippera
Nagarpore Jadunath Institution, Mymensingh
Naihati Mahendra H E. School, 24-Parganas
Nakipore H E School, Khulna
Nakrakonda H E School, Birbhum
Naldanga Bhushan H E School, 24-Parganas
Naldha H E School, Khulna
Nalta H E. School, Khulna
Naogaon K D H E School, Rajshahi
Naokhila P N H. E School, Bogra
Narail Sub-Divisional H E School, Jessore

Narail Victoria Collegiate School Jessore
Naraingunj H E. School, Dacca
Narit Nayaratna Institution, Howrah
Nasigram H E School, Burdwan
Nator Maharaja's H E School, Rajshahi
Nawabgunj H M Institution, Maldah
Nawabgunj S B Institution, 24-Parganas
Nawapara George Coronation School, Khulna
Nazira aided H. E School, Sibsagar, Assam
Nepal Durbar H E School Nepal
Netrokona Dutt H. E School, Mymensingh
Nibadhai H. E School, 24-Parganas
Nilphamari H E School, Rangpore
Nimtita Gaursundar Dwarkanath Institution Murshidabad
Noakhali Rajkumar Jubilee H School, Noakhali
Noakhali Zila School, Noakhali
Nowgong Govt H School, Nowgong, Assam

O

Olpore Purn chandra H E School, Faridpore
Orissa H E School, Burdwan
Orakandi H E School, Faridpore

P

Pabna Institution, Pabna
Pabna Zila School, Pabna
Paigram Kasba H E School, Khulna
Paikpara Union Institution, Dacca
Pakuria Brindabanchandra H School, Mymensingh
Palasdanga H E School, Bankura
Palong H E School Faridpore
Panchthupi T N Institution Murshidabad
Panditsar H E School, Faridpore
Panihati Trannath H E School, 24-Parganas
Panitras H E School, Howrah
Panjia H E School, Jessore
Parjana M. N H E School, Pabna
Paschimgaon Badarunnesa H School, Tippera
Patuakhali Jubilee H School, Backergunj
Patuli H E School, Burdwan
Pingla Krishnakamini Institution, Midnapore
Pingna H E School, Mymensingh
Pirojpore Govt H School, Backergunj
Potazia H E School, Pabna
Purbasthali H E School, Burdwan
Puthia P N Institution, Rajshahi
Putsari P. Institution, Burdwan

R

Radhanagar Majumdar's Academy, Pabna
Raiganj Coronation School, Dinajpore
Rajagram A S. School, Bankura
Rajbari Raja S K Institution, Faridpore
Rajshahi Bholanath Academy, Rajshahi
Rajshahi Collegiate School, Rajshahi
Ramgopalpore H E School, Burdwan
Ramgopalpore P J K Institution, Mymensingh
Rampurhat H E School, Birbhum
Ranaghat Palchaudhuri H School, Nadia
Rangamati Govt H School, Chittagong Hill Tracts
Rangdia H E School, Khulna
Rangpore Kailasaranjan H School, Rangpore
Rangpore Zila School, Rangpore
Raniganj H F School, Burdwan
Raozan R R Institution, Chittagong
Raruli Katipara B K H C H School, Khulna
Raspur H E School, Howrah
Rayna H E School, Burdwan
Rol Chaudhuri Md Tayeb Institution, Bankura
Rowile H E School, Dacca

S

Saidpore H E School, Rangpore
Sailkupa H E School, Jessore
Saktipore K M C Institution, Murshidabad
Salap H E School, Pabna
Salar Edward H E School, Murshidabad
Salkia A S H School, Howrah
Sandwip Cargil Institution, Noakhali
Santipore Municipal H School, Nadia
Santipore Oriental Academy, Nadia
Santosh Jahnavi H F School, Mymensingh
Sarail Annada H School, Tippera
Sarisa H E School 24-Parganas

Saroatali P C Sen H School, Chittagong
Satirpara Kalikumar Institution, Dacca
Satkania H E School, Chittagong
Satkhira Prannath Institution, Khulna
Seakhala Benimadhab Institution, Hughly
Searsole Raj H School, Burdwan
Sekanderpore Rai K P Pal Bahadur Free Institution, Hughli
Senhati H E School, Khulna
Serajgunj B L H School, Pabna
Serajgunj Victoria H School, Pabna
Serampore Collegiate School, Hughli
Serampore Union Institution, Hughli
Shahazadpore H E School, Pabna
Shashati Nahala Abinas H School, Howrah
Sherpore Diamond Jubilee School, Bogra
Sherpore Town Victoria Academy, Mymensingh
Shillong Govt H School Assam
Sholak Batajor Union Institution, Backergunj
Sibpore H C E School, Howrah
Sibsagar Bezbarua H School, Sibsagar, Assam
Sibsagar Govt H School Sibsagar, Assam
Siddhikati J P H School, Backergunj
Sikarpore H E School, Nadia
Silchar Govt H School, Cachar, Assam
Singur Mahamaya H E School, Hughli
Sodepore H E School, 24-Parganas
Solaghar Sir C M G H F School, Dacca
Somra H E School, Hughli
Sonakanda B M Institution, Dacca
Sonamukhi Jubilee H School, Bankura
Sonargaon Gangabasi Ramchandra Institution, Dacca
Sonatala H E School, Bogra
South Garia Bompas Institution, 24-Parganas
Sthal Pakrasi H F School, Pabna
Sudhakarpore H. E School, Nadia
Sunamgunj Jubilee H School, Sylhet, Assam
Sutragarh Maharaja of Nadia's H School, Nadia
Swarnagram Radhanath H School, Dacca
Syamagram Mohinikisor H E School, Tippera
Sylhet Govt H School, Assam
Sylhet Raja Girischandra H School, Assam

T

Tajhat H E School Rangpore
Taki Govt H School, 24-Parganas
Tala B De Institution, Khulna
Tamluk Hamilton H School, Midnapore
Tangail Bindubashini H School, Mymensingh
Telinipara Bhadreswar H E School, Hughli
Telirbagh K M D M Institution, Dacca
Teota Academy, Dacca
Tezpore Govt H School, Darrang, Assam
Thakurgaon H E School, Dinajpore
Torekona Jagatbandhu Institution, Burdwan
Tulasar Gurudas H School, Faridpore

U

Ujanchar Ker H School, Tippera
Ukhara H E School, Burdwan
Ulipore Maharani Swarnamayee H School, Rangpore
Ullapara Merchants' Association H E School, Pabna
Uluberia H E School, Howrah
Uttarpara Govt H School, Hughli

W

Wazirpore W B Union Institution, Backergunj

B.

Provisionally recognised Schools with Districts.

A

Abutorab Rajlakshmi H E School, Chittagong
Achmita George H School, Mymensingh
Adamdighi Iswar Purnajay H E School, Bogra
Adiabad Islamia H F School, Dacca
Alipur Duar H E School, Jalpaiguri
Amgram H E School, Faridpore
Amirabad H E School, Noakhali
Anwara H E School, Chittagong
Arani H E School, Rajshahi
Arbelia J V H E School, 24-Parganas
Ariel Swarnamayee H School Dacca
Asadtalia Coronation Memorial H School, Midnapore
Asuja Jaynath Coronation Institution, Mymensingh

B

Badangunj H E School, Hughli
Bagribari Harendranarayan H School, Goalpara, Assam
Bahiri Bradley-Birt H School, Midnapore
Balapore Nabinchandra H E School, Dacca
Balijuri Fazal Mohammed H E School, Mymensingh
Baliakandi H E School, Faridpore
Baliati Iswarchandra H E School, Dacca
Balla Coronation H E School Mymensingh
Banagram Anandakisor H School, Mymensingh
Banagram H E School, Chittagong
Banwaribad H E School, Murshidabad
Banwarinagar Coronation Banamali H School, Pabna
Baranadi H. E. School, Backergunj
Barhatta Coronation Krishnaprasad H School, Mymensingh
Barisal Town School, Backergunj
Barisal Asmat Ali H School Backergunj
Barkati Bindubasini H E School Backergunj
Barkanta H. E School Tippera
Barrackpore Debiprasad H School, 24-Parganas
Barthi Tara Institution, Backergunj
Baruipara P C H E School, Khulna
Basunda H E School, Backergunj
Basurhat Abdul Halim Coronation H School, Noakhali
Begumgunj H. E School, Noakhali
Benipore H E School Jessore
Benodepore Ramkumar H. E School, Dacca
Bhadrasan Gobindachandra H E School, Faridpore
Bholahat Rameswar Institution, Maldah
Bidyakut Amar H E School, Tippera
Bidyanandakati Rashbihari H School, Jessore
Bilonia Brajendrakisor H School, Hill Tippera
Bishnupore Rasamanjari H E School, Birbhum
Bitgarh Radhanath H E School, Tipperah
Boalia H E School, Tipperah
Boalmari George Academy, Faridpore
Brahmangaon H F School, Dacca
Budge-Budge P K H School, 24-Parganas

C

Calcutta Ballygunj Jagatbandhu Institution
" Bengal Institution
" Chetla Boys' H E School
" Jorasanko H E School
" Kalighat H E. School

Calcutta Maharaja Cossimbazar's Polytechnic Institute
„ North Suburban School, Tala
„ Oriental Training Academy
„ Rani Bhabani H. School
„ Saraswat Kshattriya Institution
„ Sri Maheswari Vidyalaya
„ Sri Sanatan Dharma Vidyalaya
„ Saraswati Institution
„ Victoria Institution
Chak-Atitha H E School, Rajshahi
Chak-Bochai H E School, Bogra
Chaltakhali Bharatchandra Raigunakar H School, Howrah
Chandipasa H E School, Mymensingh
Chandpore Ghani H E School, Tipperah
Chandrahar H E School, Backergunj
Chandsee Iswarchandra H School, Backergunj
Charmatuia Panna Mia Trust Fund School, Noakhali
Chaugram H E School Rajshahi
Cheoia H F School, Tippera
Chhagalnaya H E School, Noakhali
Churalia H E School, Khulna
Chittagong J M Sen's Institution, Chittagong
„ Khastagir's Girls' School, Chittagong
„ Oriental Academy, Chittagong
„ Umatara Institution Chittagong
Comilla Iswar Pathsala, Tipperah

D

Dacca Nabakumar H School, Dacca
Daibajnahati Bisweswar H School, Khulna
Dari-Rampore H E School, Mymensingh
Darjeeling Maharani's Girls' H School, Darjeeling
Dattapara Ramratan H School Noakhali
Daulatpore H E School, Pabna
Debagram H F School, Tippera
Deotukun Harakisor H F School, Mymensingh
Dewangunj Co-operative H E School, Mymensingh
Dhalghit H School, Chittagong
Dhamrai Hardinge H School, Dacca
Dhankora Girls' H. School, Dacca
Dhobakhola Coronation, Pabna
Dhoradaha H E School, Nadia
Dhuberia Seffatullah H E School, Mymensingh
Dibrugarh George H School, Lakhmipore Assam
Dinajpore H E School, Dinajpore
Dinajpore Town H School, Dinajpore
Digpat H E School, Mymensingh

F

Farasgunj H E. School, Noakhali
Fatehabad H E School, Chittagong
Fatehpore K G H School, Tipperah
Feni Institution, Noakhali

G

Gaibandha Islamia H School, Rangpore
Galimpore Rahmania H E School, Dacca
Gasbaria Nityananda H F School, Chittagong
Gauhati Sonaram H School, Kamrup, Assam
Gobindanath Union H School, Khulna
Gobindagunj H E School, Rungpore
Gopaldighi Kaloha Poujan Union H School, Mymensingh
Gopalgunj Sitanath H School, Faridpore
Gopinathpur H F School, Faridpore
Gorabazar Iswarchandra H School, Murshidabad
Gosainbari Amiruddin H E School, Bogra
Gulbatia H F School, Murshidabad

H

Habashpore Kasimbazar H E School, Faridpore
Hajiganj H E School, Tippera
Haria H E School, Midnapore
Hathazari Patbati H School, Chittagong
Hatiya Union H E School, Noakhali

I

Ibrahimpore King George H School, Tipperah
Indus H E School, Bankura
Islampore Nekjahan H. E. School, Mymensingh

Iswarigunj Bisweswary H E School Mymensingh

J

Jafarnagar H E School, Chittagong
Jagannathpore Chandipresad H E School, Backargunj
Jahapore Kamalakanta Academy, Tipperah
Jalabari D N H F School, Backargunj
Jalpaiguri Fanindra Deb Institution, Jalpaiguri
Jangipara Dwarkanath Institution, Hooghly
Jatia H E School, Mymensingh
Jorhat Christian H E School, Sibsagar, Assam
Jujersa Prannath Manna Institution, Howrah

K

Kadamtala George H F School, Backergunj
Kagail Karunakanta Academy, Bogra
Kailasahar Radhakisor Town School, Hill Tippera
Kalai H. E School Bogra
Kalaskati Baradakanta Muktakesi Academy, Backergunj
Kalihati Ramgati Union H School, Mymensingh
Kandipara Askar Ali H School, Mymensingh
Kanibari Biswanath Harendranarayan School, Mymensingh
Kansat H E School, Maldah
Karakdi Rashbihary H E School, Faridpore
Karanjali H E School, 24-Paraganas
Karatiya Hafiz Ali H E. School, Mymensingh
Karimgunj Nilmani H School, Sylhet, Assam
Kasiani H E School, Faridpore
Kendua Spry Institution, Mymensingh
Khalia Rajaram H School, Faridpore
Khalilpore H E School Pabna
Khalna H E Rector Governor's Institute, Howrah
Khanjanpore H E School, Bogra
Khasial H E School Jessore
Kheyachera H E School, Chittagong
Khilpara H E School, Noakhali
Kholisakota H. E School Backerganj
Khulna B K Union Institution, Khulna
Kisorgunj Azimuddin H School, Mymensingh
Kisorgunj Ramananda H E School, Mymensingh
Kolia Ameer Ali H School, Howrah
Kodalia Saharulla Islamia H. School, Mymensingh
Koneswar S C Edward H E School, Faridpore
Kudurkhil H E School, Chittagong
Kundala Kripasindhu Gobindachandra H E School, Birbhum
Kukutia Kamalakanta Academy, Dacca
Kumira H E School, Khulna
Kundi H E School, Rangpore
Kurhman N C Institution, Burdwan

L

Lalgola M N Academy, Murshidabad
Lakhpore Simulia H E School, Dacca

M

Madaripore Islamia H School Faridpore
Magrahat Anglo-Oriental School, 24-Parganas
Mahimgunj H E School, Rangpore
Malda Akrurmani H School, Malda
Malhara H E School, Bankura
Mangalkandi H E School, Noakhali
Manikdaha Lilabati Seminary, Faridpore
Masni H F School, Khulna
Matlubgunj H E. School, Tipperah
Mirpore Siddhanta H E School, Dacca
Mirzapore Sadaikrishna High School, Mymensingh
Mohanpore Kshitimohan H School, Pabna
Mugberia Gangadhar H E School, Midnapore
Muhammadpore Ramendra H. School, Noakhali
Mustafapore H E. School, Faridpore
Memnagar H E School, Nadia.
Meher-Sahapore Satindra H E School, Tipperah
Mymensingh Edward Institution, Mymensingh

N

Nabigunj Jugalkisor H School, Sylhet Assam

Nagharia H E School, Maldah
Nakol Raicharan H. School, Jessore
Nalbari Gurdon H E School, Kamrup Assam.
Nalchira Village Union H E School Backergunj
Nalhati Hariprasad H E School, Birbhum
Nandigram Carmichael H School, Midnapore
Narchi H E School, Bogra
Natuda H E. School, Nadia
Nawabgunj H E School, Dacca
Netrokona Anjuman H School, Mymensingh
Noakhali Ahmedia H School, Noakhali
Noakhali Arunchandra H School, Noakhali
Noapara H E School, Chittagong
Noapara H E School, Mymensingh
North Gauhati Auniati Kamal Institution, Kamrup, Assam
North Lakhimpur Government School, Lakhimpur, Assam
Netrakona Gaursundar H E School, Mymensingh

P

Pabna Aryan Academy, Pabna
Panchakhanda Haragobinda H E School, Sylhet, Assam
Panchetgarh H E School, Midnapore
Pangsa George H School Faridpore
Panskura Bradley-Birt H School, Midnapore
Pantihal Damodar Institution, Howrah
Parbatipore Patitpabani H School, Midnapore
Patiya Rabatali H E School, Chittagong
Patna Academy, Jessore
Patrasayer Gurudas H E School, Bankura.
Pirpur Jaynagar H E School, Howrah
Poraikora Nayantara Institution Chittagong
Purbadhala Jagatmani H E School, Mymensingh

R

Raghunathbari Ramtarak H School Midnapore
Rahamatpore H E School, Backergunj
Raipore George Coronation H School Noakhali
Raipur K C H School, Tippera
Rajarampore Ezechiel H School, Dinajpore
Rajbalhat H E School, Hughli
Rajgunj Union H School, Noakhali
Rajibpore Anglo-Vernacular School, 24 Parganas
Ramgunj Budhinath H. School, Dinajpore
Ramgunj Madhupore Union H E School, Noakhali
Rampurhat Union H School, Birbhum
Roshangiri H E School, Chittagong.
Rudrakar H E School, Faridpore.
Rupasdi Brindabanchandra H School, Tippera
Rupsa Ahmedia H School, Tippera
Rangunia H E School Chittagong
Rupapat Bamanchandra Academy, Faridpore
Rajdia Abhay H E School, Dacca

S

Sabhar Adharchandra H School Dacca
Sachar H E School, Tippera
Sadasadi H E. School, Dacca
Saidabad Hardinge H School, Murshidabad.
Salimgunj H E. School, Tipperah
Salkia Hindu School, Howrah
Sandikona H E School, Mymensingh
Sankari Bhubanmohan H School, Burdwan
Sankrail Abhay H E School Howrah
Sara Marwari H School, Pabna
Sarangabad H E School, 24-Parganas
Sekharnagar Rai Bahadur Sreenath Institution (Dacca)
Shakpura H E School, Chittagong
Shamnagar Kantichandra H School, 24-Parganas
Shariakandi H E School, Bogra
Sherpore Town Gobindakumar Peace Memorial Institution, Mymensingh
Shibganj H E School, Howrah
Shibpore H E School, Dacca
Sibchar Nandakumar Institution Faridpore
Siddhipasa Pulinbihari H School, Jessore
Sijgram Hosseinabad H School Murshidabad
Silchar Narsing H School Cachar, Assam
Siliguri H E School, Darjeeling

Simulia Syamaprasad H School, Dacca
Singhergaon Gobinda H School, Tippera
Singhajani H E School, Mymensingh
Sitakundu H E School, Chittagong
Sohagpore Syamkisor H School, Pabna
Senaimuri H E School, Noakhali
Sonamukhi H E School, Bogra
Sonarang H E School, Dacca
Srikhanda H E School, Burdwan
Sripore M C H School, Jessore
Sufalakati H E School, Jessore
Sukhanpukur H E School, Bogra.
Suri Benimadhab H E School, Birbhum
Susung Kumudchandra Memorial H E School, Mymensingh

T

Tangail Sivanath Academy Mymensingh
Tiluri Kripamayee H E School, Burdwan
Town Sripur H E School, Khulna
Tufangunj Nripendranarayan H E School, Cooch Bihar
Tulsighat Kasinath H E School, Rangpore

U

Udainarayanpore Saradacharan H. E School, Howrah
Ulania Coronation H. School, Backergunj
Uttarsahabazpore George H E School, Backergunj

Z

Zorwargunj Ramsundar H E School, Chittagong
Zuluhar Saptagram Sammilani Institution Backergunj

ALPHABETICAL LIST OF RECOGNISED SCHOOLS ARRANGED ACCORDING TO THE PROVINCE AND DISTRICT IN WHICH THEY ARE SITUATED

ASSAM

CACHAR

†* Hailakandi Victoria Memorial High School
* Silchar Government High School
Silchar Narsing School (Prov)

DARRANG

Mangaldai H E School
* Tezpore Government School

GOALPARA

Abhayapuri Abhayeswari High School
* Dhubri High School
Gauripur P C School
* Goalpara H E School
Bagribari Harendra Narayan Seminary (Prov)

KAMRUP

* Barpeta H E School
† Gauhati Cotton Collegiate School
Gauhati Sonaram School (Prov)
Nalbari Gurdon H E School (Prov)
North-Gauhati Anuiati Kamal Institution (Prov)

LAKHIMPUR

* Dibrugarh Government H E School
* Dibrugarh George Institution (Prov)
North Lakhimpore Government School (Prov)

NOWGONG

* Nowgong Government School

SHILLONG

* Shillong Government High School

SIBSAGAR

* Golaghat Bez-Baruya Government High School
* Jorhat Bez-Baruya High School
* Jorhat Government High School
Nazira Aided High School
Sibsagar Bez-Baruya H. E School
* ,, Government High School
Jorhat Christian High School (Prov

SYLHET

Baniachong Harischandra High School
† Habiganj Government High School
* Karimganj Government High School
* Maulavi Bazar H E School
* Sunamganj Jubilee School
* Sylhet Government High School
,, Raja Girishchandra High School
Karimganj Nilmoni School (Prov)
Nabiganj Jugalkisore School (Prov)
Panchakhanda Haragobinda School (Prov)

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BENGAL

BACKERGANJ

Baisari H E School
Banaripara Union School
Barisal Brajamohan Institution
*† Barisal Zila School
*Bhola Govt H School
Gabha H E School
Gaila H E School
Baranadi H E School, (Prov.)
Barisal Asmat Ali H E School (Prov)
Barisal Town School, (Prov)
Barthi Tara Institution (Prov)
Basunda H E School, (Prov)
Barkati Bindu Basini Institution (Prov.)
Chandrakar H E School (Prov)
Chandsee Iswarchandra Institution (Prov)
Jagannathpur Chandiprosad School (Prov)
*Jalabari D N H E School (Prov)
*Jhalakati Govt H School
Kirtipasa P K Institution
Patuakhali Jubilee H E School
Pirojpur Govt H E School
Kadamtala G H E School (Prov)
Kalashati Baradakanta Muktakesi Academy (Prov)
Kholisakota H E School (Prov)
Nalchira H E School (Prov)
Rahamathpur H E School (Prov)
Sholak Batajor Union Institution
Siddhakati H E School
Wazirpur W B Union Institution
Ulania Coronation Institution (Prov)
Uttersahabazpur George Institution (Prov)
Zuluhai Saptagram Sammilani Institution (Prov)

BANKURA

Bankura Hindu H E School
" Wesleyan H E School
" Zila School
Bishenpur H E School
Indas H E School (Prov)
Kotalpur H E School
Kuchiakole Radhaballav Institution
Mahara H E School (Prov)
Palasdanga H E School
Patrasayer Gurudas H E School (Prov)

BANKURA—*contd*

Rajagram A S. School
Rol Chaudhuri Md Tayab Institution
Sonamukhi Jubilee H E. School

BIRBHUM

* Birbhum Zila School
Bolepure H E School
Hetampur Raj School
Kirnahar Sibchandra H E School
Labhpore J I H E School
Nakrakonda H E School
Rampurhat H E School
Bishnupur Rasamanjari School (Prov)
Kundala Kripasindhu Gobindachand School (Prov)
Nalhati Hariprosad H E School (Prov)
Rampurhat Union Institution (Prov)
Suri Benimadhab H E School (Prov)

BOGRA

Adamdighi Iswar Puranjay H E School (Prov)
Bogra Coronation Institution
*† Bogra Zila School
* Naokhila P N H E School
* Sherpur Diamond Jubilee H E School
Sonatala H E School
Chak Bochai H E School (Prov)
Gosaibari Amiruddin H E School (Prov)
Kagail Karunakanta Academy (Prov)
Kalai H E School (Prov.)
Khanjanpur H E School (Prov)
Narchi H E School (Prov)
Shariakandi H E School (Prov)
Sukhanpukur H E School (Prov)

BURDWAN

Asansol H E School
Badla H E. School
Baidyapura George Institution
Bhaita H E School
* Burdwan H. E School
† Burdwan Raj Collegiate School

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BENGAL—*contd*

BURDWAN —*contd*

Chakdighi Saradaprosad Institution
Dainhat H E School
Dishargarh Ambicacharan Institution
Ethora Srischandra Institution
Ikhra Basantibijoy H E School
Kalna Maharaja's School
Katwa Kasiram Das Institution
Kurhman N C Institution (Prov.)
Mathrun N K Institution
Memari Vidyasagar Memorial School
Nasigram H E School
Okersa H E School
Patuli H E School
Purbasthali H E School
Putsari J P Institution
Ramgopalpur H F School
*†Raniganj H E School
*Rayna H E School
Searsole Raj School
Torekona Jagatbandu Institution
Ukhara H E School
Sankri Bhubanmohan Institution (Prov)
Srikhanda H F School (Prov)
Tiluri Kripamayi H E School (Prov.)

CALCUTTA

Calcutta Academy
„ Aryan Institution
„ Aryya Mission Institution
„ Atheneum Institution
„ Bangabasi Collegiate School
„ Baptist Mission Girls H E School
„ Bethune Collegiate School
* „ Bishop's Collegiate School
„ Bowbazar High School
* „ Brahmo Boys' School
„ Brahmo Girls' School
* „ Central Collegiate School
„ Christ Church School
*† „ City Collegiate School
* „ Collins' Institute
* „ Cotton Institution
* „ Diocesan Collegiate School
„ Garden Reach C M S School
„ Girls' High School
*† „ Hare School
*† „ Hindu School

CALCUTTA—*contd.*

* Calcutta High School
„ Keshav Academy
* „ Khelatchandra Institution
* „ Kidderpur Academy
„ Kumar Radhaprasad Institution
* „ L M S Institution
* „ Loreto House
*† „ Madrassa
*† „ Metropolitan Institution
„ „ (Barabazi)
*† „ „ (Bowbazar)
† „ Mitra Institution
*Calcutta Mitra Institution(Bhowanipur)
„ M L Jubilee Institution
*† „ Morton Intitution
„ Narkeldanga George H. E School
* „ New Indian Schol
*† „ Oriental Seminary
* „ Ripon Collegiate School
*† „ Scottish Churches Collegiate School
„ Sanskrit Collegiate School
„ Shambazar Vidyasagar School
„ Seal's Free College
*† „ South Suburban School
„ Sri Visuddhananda Saraswati Vidyalaya
„ St Anthony's School
* „ St Mary's H E School
„ St Paul's H E School
* „ Taltola H School
* „ Town School
„ Training Academy
„ United Mission Girl's School
„ U F. C Girls' School
„ Ballyganj Jagatbandhu Inst (Prov)
„ Bengal Institution (Prov.)
„ Chetla Boy's School (Prov)
„ Jorasanko H School (Prov.)
„ Kalighat H E School (Prov)
† „ Maharaja Cossimbazar Poly. technic Institude (Prov)
„ North Suburban School (Prov)
„ Oriental Training Academy (Prov)
„ Rani Bhabani's H School (Prov)

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BENGAL—*contd*

CALCUTTA—(*contd*)

Calcutta Saraswat Kshatriya Institution (Prov)
" Saraswati Institution (Prov)
" Sri Maheswari Vidyalaya (Prov.)
" Sri Sanatan Dharma Vidyalaya (Prov)
" Victoria Institution (Prov.)

CHITTAGONG

*†Chittagong Collegiate School
† " Government Moslem H School
" H E School
" Municipal School
" National School
Durgapore H E School
Fatickcheri Coronation H E School
Mahamuni Anglo-Pali School
*Raozan R K Institution
Saroatali P C Sen Institution
Satkania H E School
Abutorab Rajlakshmi H E school (Prov)
Anwara H E School (Prov)
Banagram H E School (Prov)
Chittagong] M Sen's Institution (Prov)
" Dr Khastagir's Girl's School (Prov)
" Oriental Academy (Prov)
" Umatara H E School (Prov.)
Dhalghat H E School (Prov)
Fatehabad H E School (Prov)
Gasbaria Nityananda H E School (Prov)
Hathazari Parbati Institution (Prov)
Jafainagore H E School (Prov)
Kheyacherra H E School (Prov)
Kudurkhil H E School (Prov)
Noapara H E School (Prov)
Patia Rahatali H E School (Prov)
Poraikora-Nayantara Institution (Prov.)
Roshangiri H E School (Prov)
Rangunia H E School (Prov)
Shakpura H F School (Prov)
Sitakundu H E School (Prov)
Zorwarganj Ramsundar Ramgour H E School (Prov)

CHITTAGONG HILL TRACTS

*Rangamati Govt H E School

DACCA

Abdullapore H E School
Arathabazar H E School
Autshahi Radhanath H E School
†Bajrajogini H E School
Banari H E School
Bandhura Gobindapur Holy Cross H E School
Baradi H E School
*Beltali Gangaprasad Jagannath H E School
*Bhagyakul Harendralal H E School
Brahmanbhita Union H E School
Chandhartola Siddeswari A C High School
*Dacca Armanitola Govt School
*| " Collegiate School
" East Bengal Institution
* " Eden Female School
" Government Moslem School
" Imperial Seminary
*| " Kisorilal Jubilee School
" Pogose School
" Ukil's Institution
Duptara Central Coronation School
*Hashara Kalikisore H E School
*Ichhapara H E School
†Jaidebpur Rani Bilasmoni H. E School
*Kaliganj Raja Rajendra Narayan H E School
*Kalma Laksmi Kanta H E School
Kazirpagla A T Institution
Lohaganj H F School
*Malkhanagar H E School
*Manickganj H E. School
*Munshiganj H E School
Murapara Victoria High School
*Narayanganj H E School
Paikpara Union H E School
*Rowile H E School
Satirpara Kalikumar Institution
Solaghar Sir Chandramadhab H E School
*Sonakonda B. M Institution
Sonargram Gangabasi Ramchandra Institution

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BENGAL—*contd*

DACCA—*contd*

*Swarnagram Radhanath H E School
Telirbagh K M D M Institution
Teota Academy
Adiabad Islamia High School (Prov)
Ariel Swarnomayi H E School (Prov)
Balapore Nabinchandra H E School (Prov)
Baliati Iswarchandra H E School (Prov)
Binodepur Ramkumar H E School (Prov)
Brahmangaon H E School (Prov)
Dacca Nabakumar High School (Prov)
Dhamrai Hardinge H E School (Prov)
Dhankora Girls' H E School (Prov)
Galimpore Rahamania H E School (Prov)
Kukutia Kamalakanta Institution (Prov)
Lakhpur Simulia H E School (Prov)
Mirpur Siddhanta H E School (Prov)
Nawabganj H E School (Prov)
Rajdia Abhay H E School (Prov)
Sabhar Adharchandra H E School (Prov)
Sadasadi H E School (Prov)
Shekharnagar Rai Bahadur Sreenath Institution (Prov)
Shibpore H E School (Prov)
Simulia Syamaprasad H E School (Prov)
Sonarang H E School (Prov)

DARJEELING

*†Darjeeling High School
* ,, Maharani's Girls School (Prov)
Siliguri H E School (Prov)

DINAJPUR

*Balurghat H.E School
*†Dinajpur Zila School
Raiganj Coronation School
Thakurgaon H E School
Dinajpur H E School (Prov)
Dinajpur Town H E School (Prov)
Rajarampur Ezachiel School (Prov)

DINAJPUR—*contd*

Ramganj Buddhinath H E School (Prov)

FARIDPUR

Baishrashi Sivasundari Academy
Bajitpur Rajkumar Edward Institution
Bhanga H E School
Bijhari H E School
Chikandi H E School
†Domshar Jagatchandra Institution
*Faridpur Isan Institution
*Faridpur Zila School
Fakira Madanmohan Academy
*Goalundi H E School
Gopalganj Mathuranath H E School
Idilpur H E School
Kartickpur H E School
Khankhanapur Sarojmohini H E School
Kotwalpara Union Institution
*Lonsing H E School
*Madaripur H E School
Olpur Purnachandra H E School
Orakandi High School
Palong H E School
Panditsar H E School
*Rajbari Raja S K Institution
Tulasar Gurudas H E School

FARIDPUR—*contd*

Amgram H E School (Prov)
Baliakandi H E School (Prov)
Bhadrasan Govindachandra H E School (Prov)
Boalmari George School (Prov)
Gopalganj Sitanath School (Prov)
Gopinathpur H E School (Prov)
Habaspore Kasimbazar H E School (Prov)
Kaneswar S C Edward School (Prov)
Karakdi Rashbihari H E School (Prov)
Kasiani H E School (Prov)
Khalia Rajaram Institution (Prov)
Madaripur Islamia School (Prov)
Manikdaha Lilabati Seminary (Prov)
Mustafapur H E School (Prov)
Pangsa George School (Prov)
Rudrakar H.E School (Prov.)
Rupapat Bamanchandra Academy (Prov)
*Sibchar Nandkumar H School (Prov)

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BENGAL—*contd*

HOWRAH

Amta H E School
Andul H E School
Bagnan H E School
†Bali Rivers Thompson School
Baluhati H E School
Bajeshibpur B K Pal's Institution
, Bantra Madhusudan Pal Chaudhuri Institution
Garbhawanipul H C E School
Howrah I R, Belilcos' Institution
„ Ripon Collegiate School
„ Zila School
Jagatballavpur H E School
Jaypur Phakirdas Institution
Jhapardah Duke Institution
Jhikra H E School
Maju R N Basu's School
Mugkalyan H E School
Narit Nayaratna Institution
Panitras H E School
Rashpur H E School
Salkia A S School
Shashati Nahala Abinas H E School
†Sibpur H C School
Uluberia H E School
Chaltakhali Bharatchandra Rai Gunakar School (Prov)
Jujersa Prannath Manna Institution (Prov)
Kalna H E Rector-Governor's Institute (Prov)
Kolia Amir Ali School (Prov)
Pantihal Damodar Institution (Prov)
Pirpur Jaynagore H E School (Prov)
Salkia Hindu School (Prov)
Shibganj H E School (Prov)
Sankrail Abhay School (Prov)
Udainarayanpur Saradacharan Institution (Prov)

HUGHLI

Arambag H E School.
Bagati H E School
Baidyabati Banamali Mukerjee Institution
Balagarh H E School
Bhanderhati B M Institution
Bhastara Jajneswar H E School

HUGHLI—*contd*

*Boinchi B L Mukerjee's Free Institution
Chandernagore Duplex College
*†Chatra Nandalal Institution
*Chinsurah Training Academy
„ U F C Mission High School
Dasghara H E. School
Garalgacha H E School
Garbati H E School
Guptipara H E School
Haripal Gurudayal H E School
* Hughli Branch and Model School
* „ Collegiate School
Ilsoba Mondlai H E School
Itachona Srinarayan Institution
Janai Training School
Kaikala H. C E School
Khanakul Krishnagore Jnanada Institution
Konnagar H E School
Seakhala Benimadhab Institution
Sekanderpur Rai K P Pal's Free H E School
* Serampur Collegiate School
* , Union Institution
Singur Mahamaya Institution
Somra D C H E School
Telinipara Bhadreswar H E School
* Uttarpara Govt School
Badanganj H E School (Prov)
Jangipara Dwarkanath Institution (Prov)
Rajbalhat H E School (Prov.)

JALPAIGURI

Debiganj Nripendranarayan H E School
*†Jalpaiguri Zila School
Alipur Duar Institution (Prov)
Jalpaiguri Phanindra Deb Institution (Prov)

JESSORE

Abaipur Ramsundar Institution
Baghutia Bibhagdi H E School
Binodepur B K H School
Bongong H E School
Gangarampur P K. Institution

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BENGAL—*contd*

JESSORE—*contd*

Itna H. E School
Jaypur Lohagara Institution
* Jessore Sammilani Institution
* Jessore Zila School
Jheniadah H E School
Joradah H E School
Kalia Remodelled H E School
Kotchandpur H E School
* Laksmipasa D C Institution
Magura H E School
Mahespur H E School
Narail Subdivisional H E School
„ Victoria Collegiate School
Panjia H E School
Sailkupa H E School
Benipur H E. School (Prov)
Bidyanandakuti Rashbihari Institution (Prov)
Khasial H E School (Prov)
Nakol Raicharan Institution (Prov)
Patna Academy (Prov)
Siddhipasa Pulinbihari High School (Prov)
Sripur M C H School (Prov)
Supalakati H E School (Prov)

KHULNA

Ajagorah H E School
Babulia J S H E School
* Bagerhat H E School
* Bahirdia H E School
Banagram Century Institution
* Daulatpur H E School
Dhandia Union Institution
Fultala Reunion School
Karapara H E School
Khaliskhali Magura Saradacharan Institution
Khalispur H E School
Khararia H E School
* Khulna Zila School
Miksimil Rudhagara H E School
Nakipur H E School
Naldha H E School
Nalta H E School
Nawapara George Coronation H E School
Paigram Kasba H E. School

KHULNA—*contd*

Rangdia H E School
Raruli R K B K H School
Satkhira Prannath Institution
Senhati H E School
Tala B De Institution
Baruipara P C Institution (Prov)
Chirulia H E School (Prov)
Daibajnahati Bisweswar H E School (Prov)
Goalmuth Union School (Prov)
Khulna B K Union Institution (Prov)
Kumira H E School (Prov)
Masni H E School (Prov)
Town Sripur H E School (Prov)

MALDAH

Chanchal Siddheswari Institution
*† Maldah Zila School
Nawabganj H M Institution
Bholahat Rameswar Institution (Prov)
Kansat H E School (Prov)
Maldah Akrurmani School (Prov)
Nagharia H E School (Prov)

MIDNAPUR

Basantia H E School
Birsingha Bhagabati Vidyalay
Chandrakona Jirhat H E. School
*Contai H E School
Contai Model School
*Garbeta H E School
Ghatal H E School
Gopalnagore Kerr Institution
Irphala Krishnamohan Institution
Jara H E School
Kharagpur B N R Indian H E School
Mahisadal Raj H E School
*†Midnapur Collegiate School
*Midnapur Hindu School
*Midnapur Town School
Pingla Krishnakamini Institution
*Tamluk Hamilton School
Ashadtalia Coronation H E School (Prov)
Bahiri Bradley-Birt H E School (Prov)
Haria H E School (Prov)
Mugberia Gangadhar H E. School (Prov.)

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* Authorised to teach Geography
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BENGAL—*contd*

MIDNAPUR—*contd*

Nandigram Carmichael Institution (Prov)
Panchetgarh H E School (Prov)
Panskura Bradley-Birt H School (Prov)
Parbatipur Patitpabani H E School (Prov)
Raghunathbari Ramtarak H School (Prov)

MURSIDABAD

Beldanga Gobindasundari H C E School
*Berhampur Krishnath Collegiate School
Bhagirathpur H E School
Dumkal H E School
*Gokarna P M H School
Islampur H E School
Jangipur H. E School
*Jiaganj E C Institution
Kagram H E School
Kanchantala J D J Institution
Kandi Raj H. E School
*Khagra L M S School
*†Mursidabad Nawab Bahadur's Institution
Nimtita Gaursundei Dwarkanath Institution
Panchthupi T N Institution
Saktipur K M C Institution
Salar Edward H E School
Banwaribad H E School (Prov)
Gulhatia H E School (Prov)
Gorabazar Iswarchandra School (Prov)
*Lalgola M N Acedemy (Prov)
Saidabad Hardinge School (Prov)
Sijgram Hosainabad Carey H School (Prov)

MYMENSINGH

*Bajitpur H E School
*Dhalla H E School
*Gaffargaon Islamia H. E School
Gauripur Rajendrakisore H E School
*Hemnagar Sasimukhi H E School
*Jamalpur Donough School

MYMENSINGH—*contd*

Jamurki Sir Nawab Abdul Gani H E. School
*Kisorganj H E School
*Muktagacha Ramkishore H School
*Mymensingh City Collegiate School
*† ,, Mrityunjay School
* ,, Vidyamai Girl's H. School
* ,, Zilla School
Nagarpur Jadunath H E School
*†Netrokona Dutt H E School
*Pakutia Brindabanchandra H E. School
*Pingna H E School
*Ramgopal P J K H School
*Santosh Jahnavi School
*Sherpur Victoria Academy
*Tangail Bindubasini School
Achimita George Institution (Prov)
Asujia Jaynath Coronation Institution (Prov)
*Balla Coronation H School (Prov)
Balijuri Fazal School (Prov.)
Banagram Ananda Kisore H School (Prov)
Barhatta Coronation School (Prov)
Chandipassa H E School (Prov.)
Darirampur H E School (Prov)
Deotukan Harakisore H E School (Prov)
Dewanganj Co-operative H E School (Prov)
Dhuberia Seffatulla School (Prov)
Digpit H E School (Prov)
Gopaldighi Katoha Pujan Union H E School (Prov)
Iswarganj Bisweswari H E School (Prov) [(Prov)
Islampore Nekjahan H E School
Jatia H E School (Prov.)
Kalihati Ramgati School (Prov)
Kanihari Biswanath School (Prov)
Kandipara H E School (Prov)
*Karatiya Hafiz Ali School (Prov.)
Kendua Spry Institution
Kissoreganj Azimuddin School (Prov)
,, Ramananda School (Prov)
Kodalia Saharulla Islamia H E School (Prov)

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BENGAL—*contd*

MYMENSINGH—*contd*

Mirzapur Sadai Krishna H E School (Prov)
Mymensingh Edward Institution (Prov)
Netrokona Anjuman School (Prov)
Netrokona Gour Sundar H E School (Prov)
Noapara H E School (Prov)
Purbadhala Jagatmani H E School (Prov)
Sandikona H E School (Prov)
Sherpur Town Gobinda Kumar Peace Memorial Institution (Prov)
Singajani H E School (Prov)
Susang Kumudchandra Memorial H E School (Prov)
Tangail Sivanath H E School (Prov)

NADIA

Alamdanga H E School
Amla Sadarpur H E School
Belpukur H E School
Bhajanghat H E School
Chakdah Ramlal Academy
Chuadanga V J School
Damurhuda H E School
Gosain Durgapur H E School
Harinarayanpur H E School
Jamsherpur B N H School
Juniadah H E School
Khoksa Janipur H E School
*Krishnagar A V School
„ C M S St John's High School
*† „ Collegiate School
Kumarkhali M N H School
*Kushtia H E School
Majdia Railbazar H E School
Meherpur H E School
Muragacha H E School
Nabadwip Hindu School
*Ranaghat Palchaudhuri H E. School
*Santipur Municipal School
„ Oriental Academy
Sikarpur H E School
Sudhakarpur H E School
Sutragarh Maharaja Nadia H E School
Dhoradaha H E School (Prov)
Memnagar H E School (Prov)
Natudah H E School (Prov)

NOAKHALI

Chatkhil Panchgaon Gupta H School
*Feni H School
*Lakshmipur H E School
Noakhali Rajkumar Jubilee School
*Noakhali Zila School
*Sandvip Cargil Institution
Amirabad H E. School (Prov)
Basirhat Abdul Halim Coronation H E School (Prov)
Begumganj H E School (Prov)
Charmatura Pannamia School (Prov)
Chagalnaya H E School (Prov)
Dattapara Ramratan H.E School (Prov)
Ferosganj H E School (Prov)
Feni Institution (Prov)
Hatiya Institution (Prov)
Khilpara H E School (Prov)
Mangalkandi H E School (Prov)
Muhammadpur Ramendra H School (Prov)
Noakhali Ahmedia School (Prov)
„ Arunchandra H E School (Prov)
Raipur George Coronation H School (Prov)
Rajganj Union School (Prov)
Ramganj Madhupur School (Prov)
Sonaimuri H. E School (Prov)

PABNA

Bera Bipinbihari H E School
Chatmahar Sambhunath H E School
Chaubari Islamia H E School
Harina Bagbati H E School
Jamirta H E School
† Pabna Institution
*† Pabna Zila
Parjana M N H E School
*Patazia H E School
Radhanagar Majumdar's Academy
Salap H E School
*Serajganj B L High School
*Serajganj Victoria School
*Sahazadpur H E School
Sthal Pakrasi H E School
Ullapara Merchant's Institution
Banwarinagar Coronation Banamali Institution (Prov)

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BENGAL—*contd*

PABNA—*contd*

Daulatpore H E School (Prov)
Dhobakhola Coronation Institution (Prov)
Khalilpur H E School (Prov)
Mohanpur Kshitimohan H E School (Prov)
Pabna Arayan Academy (Prov)
Sara Marwari H E School (Prov)
Sohagpur Syamkisore H E School (Prov)

RAJSHAHI,

Dighapatia P N H E School
Dhubalhati Raja Haranath High School
*Naogaon K D H E School
*†Nattore Maharaja's High School
Puthia P N High School
*†Rajshahi Bholanath Academy
*†Rajshahi Collegiate School
Arani H E School (Prov)
Chak Atitha H F School (Prov)
Chaugram H F School (Prov)

RANGPORE

*Gaibandha H E School
*Kalma Mahimaranjan Memorial H E School
Kurigram H F School
*Nilphamari H E School
Rangpur Kulasranjan H School
*†Rangpur Zila School
*Saidpur H E School
Tajhat H E School
Ulipore Maharani Swarnamoyie H E School
Gaibandha Islamia High School (Prov)
Gobindaganj H E School (Prov)
Kundi H E School (Prov)
Mahimaganj H E School (Prov.)
Tulsighat Kasinath H E. School (Prov)

TIPPERAH

Agartalla Umakanta Academy
Baburhat H E School

TIPPERAH—*contd*

Bangora Umalochan H E School
*Brahmanberia Annada High School
,, Edward Institution
,, George H E School
Chandpore Hasan Ali Jubilee School
*Comilla Yusuff H E School
, Victoria Collegiate School
†* ,, Zila School
Elliotganj H E School
Gokarna Syed Wahullah H E School
Harina Chalitatali H E. School
Kasba H E. School
Muradnagar Durganarayan H E School
Nabinagore H E School
Paschimgaon Badrunessa H E School
Sarail Ananda High School
Syamagram Mohinikisore H E School
Ujanchar K N H E School
Barkanta H E School (Prov)
Bidyakut Amar H F School (Prov)
Bitgarh Radhanath H E School (Prov)
Boalia H F School (Prov)
Chandpur Ghani H E School (Prov)
Cheora H E School (Prov.)
Comilla Iswari Pathsala H E School (Prov)
Debagram H E School (Prov)
Fatehpur K G H F School (Prov)
Hajiganj H E School (Prov)
Ibrahimpore George High School (Prov)
Jahapore Kamalakanta H E School (Prov)
Matlabganj H E School (Prov)
Mehar-Shahapur Satindra H E School (Prov)
Raipur K C H E School (Prov)
Rupasdi Brindaban H E School (Prov)
Rupsa Ahmedia H E School (Prov)
Sachar H E School (Prov)
Salimganj H E School (Prov)
Sinhergaon Gobinda High School (Prov)

HILL TIPPERAH

Bilonia Brajendrakisore H E School (Prov)
Kailasahar H E School (Prov)

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BENGAL—*contd*

24-PARGANAS

Ariadaha Kalachand H E School
*Baharu H E School
*Barahanagore Victoria H E School
Barasat H E School
Barisa H E School
*Barrackpore Govt H School
Barnipore H E School
Basirhat H E School
Bawoli H E School
Behala H E School
Bishnupur Sir Rameschandra H E School
Boral H E School
Dhankuria H E School
*Diamond Harbour H E School
Gobardanga H E School
Gustia K M H E School
Halisahar H. E School
Harinabhi H E School
Hatuganj M N K. H School
Jaynagore Institution
*Kamarhati Sagore Dutt Free School
Mahestola H E School
Majilpur J M Training School
Naihati Mahendra School
Naldanga Bhusan H E School
*Nawabganj S B H School
Nibadhi H F School
Panihati Trannath H E School

24-PARGANAS—*contd.*

Sarisa H E School
Sodepur H E School
South Garia Bompas H E School
*Taki Govt School
Athelia J V H E School (Prov)
Barrakpur Debiprasad H. School (Prov)
Budge Budge P K H School (Prov)
Karanjali H E School (Prov)
Magrahat Anglo Oriental School (Prov)
Rajibpore Anglo Vern School (Prov)
Samnagore Kanticharan H E School (Prov)
Sarangabad H E School (Prov)

COOCH-BEHAR.

*†Cooch-Behar Jenkins School
*Dinhata H E School
Mathabanga H E School
Mekliganj H E School
Tufanganj Nripendranarayan H School (Prov)

NEPAL

Nepal Durbar H E School

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XIX.

TEXT-BOOKS.

I. ARTS & SCIENCE.

In all cases where reference is made to Chapters, Sections, Pages or Lines thus (Chaps. I-III), the reference is to be understood as inclusive.

MATRICULATION EXAMINATION, 1920.

ENGLISH

The following works are recommended to indicate the standard of knowledge to be demanded of candidates at the Matriculation Examination in 1920 —

Prose

Defoe		Robinson Crusoe (any school edition)
Lamb		Tales from Shakespeare
Hunter		Readings from Indian History, Part III
M A. Hamilton	.	Greek Legends (Oxford Press)
Harrap		Stories from Old Testament
Scott		Ivanhoe (any school edition)
Gandy	..	Pandava Princes (Macmillan)
Nelson Fraser	.	World at War, 3rd edition (Oxford Press)
Macaulay		Stories from Chaucer (Cambridge Press)
Fournier		Wonders of Physical Science (Macmillan)

Arabian Nights (any school edition)
Washington Irving (University Selections, new edition).
Select Readings from English History (Published by the University).

Poetry.

Lahiri's Select Poems, Revised edition, published by the Calcutta University.

Jennings	. .	English Poems, Part I (Macmillan)
Palgrave	..	Children's Treasury, Part I (Macmillan)

VERNACULAR COMPOSITION.

BENGALI

(Books recommended to be read as presenting models of style)

Iswarchandra Vidyasagar	.	Sitar Banabas
Rajanikanta Gupta	.	Prativa
Chandranath Basu		Sanjam Siksha
Akshay Kumar Datta	.	Charupath, Part II
Dineschandra Sen		Jada Bharata
Bijaychandra Majumdar	...	Prachin Sabhyata

HINDI.

(Books recommended to be read as presenting models of style)

Balbharat .. Indian Press, Allahabad

Upadesa Kusumakar (excluding Poetry pieces), Khadgavilas Press, Bankipur.

URIYA

(Books recommended to be read as presenting models of style)

Mrityunjay Kavyatirtha ... Prabandhapatha.
Madhusudan Rao ... Prabandhamala

ASSAMESE

(Books recommended to be read as presenting models of style)

Satyanath Borah . Sahitya-bichar
Lakshminath Bezbarah Sadhu Kathar Kuki
Hemchandra Baruya Pathamala

BURMESE

(Books recommended to be read as presenting models of style)

Mahazanakka
Withandaya
Temi

KHASI

(Books recommended to be read as presenting models of style)

Ka Jingiathukhana Puriskam (Khasi Folk Tales), by U Rabon Sing
Book of Proverbs in Khasi (p 740 of Khasi Bible)

MODERN TIBETAN

(Books recommended to be read as presenting models of style.)

Bay Chos
Namthar of Mi-la-ras-pa

URDU

(Books recommended to be read as presenting models of style)

Taubat-un-Nasuh, by Nazir Ahmad
Aina-i-Ibrat, by Suhrawardya Begum
Urdu-i-Mu'alla of Ghalib

NEPALI

(Books recommended to be read as presenting models of style)

Shri Vijnan Vilas . Bharatbarsako Itihas
Matiram Bhatta Marina Charitia
Sankshipta Ramayan

MATHEMATICS.

No text-books are prescribed or recommended The subject is to be studied in accordance with the syllabus prescribed in the Regulations of the University

SANSKRIT

The following portions of the Calcutta University Sanskrit Selections —

Part I—Prose—Edition of 1917

Panchatantram	... Page 1—3, 29—51
Hitopadesa	.. ,, 52—96

(Note.—Pages 52-96 of the edition of 1917 correspond to pages 87-131 of the edition of 1915)

Part II—Poetry—Edition of 1911

Kûsalaba-o-Ramayanaganam and Rabana Saktyahataya Lakshmanasya Punarut-thanam	Pages 136—149
Dhritarashtrabilapa	,, 199—209

Grammar

Elementary Sanskrit Grammar, by Dr. G Thibaut, published by the University

PALI.

Prose.

Anderson's Pali Reader	... Pages 1—43, omitting Radha Jâtaka, Nacca Jâtaka and Sussondi Jâtaka

Poetry

Dipavamsa	... Bhanavaras, I—V
Khuddaka Patha	.. Mangala Sutta

Grammar.

Balavatara	... Edited by Dr. Satischandra Vidya-bhushan and Samana Punnananda (in preparation).

CLASSICAL TIBETAN

Course of Studies in Classical Tibetan Edited by Dr. E. D. Ross, Ph. D., C.I.E.

PERSIAN

University Selections compiled and edited by Dr E D Ross, C.I E., Ph. D, for the Matriculation Examination, omitting pages 1-5 and 43-56.

Grammar.

The following books are recommended:—

Dastur-i-Parsi-Amoz, Part I or Miftah-ul-Quwaid

ARABIC

University Selections compiled and edited by Dr E D Ross, C.I.E., Ph D, omitting pages 4-10 and 52-57

Grammar

A book on Arabic Grammar to be published by the University

HEBREW

Genesis	1-14
Isaiah	1-6
Psalm	119

Davidson's Hebrew Grammar is recommended

ARMENIAN

Elishe's History of the War of the Vardanians, Parts I and II

Elishe Vardapiet Doorian's "Course of Classical Armenian, Part I (Prose and Verse)

SYRIAC

Text

Gospel of St Matthew (Peshitto version), Chapters V—VII
Gospel of St John (Peshitto version), Chapters I—VII
St Ephraem "on Wisdom, I—XX

Grammar

T H Robinson's Syriac Grammar Sections I—XX

GREEK

Xenophon	Anabasis, Book II
Euripides	Hecuba
New Testament	The Gospel according to St Mark Chapters I—VI

LATIN

Cæsar	De Bello Gallico, Books IV and V
Virgil	Aeneid Book III

FRENCH

Erckmann Chatrian	Waterloo (Macmillan & Co)
Racine	Britannicus

GERMAN

Prose

Die Ahnen, Part I, by Gustav Freytag (Macmillan)

Poetry

A Book of Ballads, by Wilhelm Wagner (Cambridge University Press)

BENGALI

(For female candidates)

Kasiramdas	Mahabharata (Vanaparba)—Edited by Dineschandra Sen or Jogindranath Bose
Hemchandra Banerjee	Bharat Bhiksha, Michaeler Swargarohan
Bimala Dasgupta	Uttara Ramacharita
Abinaschandra Basu	Manabcharita
Rajendranath Kanjilal	Mahabharatiya Nitikatha, Part I
Tarakumar Kaviratna	Kathasara
Dineschandra Sen	Grihasri
Mankumari Basu	Subhasadhana
Kalikrishna Bhattacharyya	Banger Ratnamala, Parts I and II

URDU

(For female candidates)

Aina-i-Ibrat, Part I by Suhrawardya Begum
Mirat-ul-Urus, by Nazir Ahmad, pages 23—54 (Newal Kishore's edition)
Kitab Panchwin Hissa Nazm, published by Anjuman-i-Hemait-i-Islam, Lahore

ASSAMESE

(For female candidates)

Text

Sarathi	Satyanath Bora
Nitisiksha, Part III	Padmanath Barua
Anjali	Durgeswar Sarma

Grammar

Any of the following -	
Assamiya Byakaran	Loknath Sarma
Assamiya Byakaran	Hemnath Barua

KHASI

(For female candidates)

Text

Ka Jingiathukhana Puriskan (Khasi Folk Tales), by U Rabon Sing
Book of Proverbs in Khasi (p 740 of Khasi Bible)

Grammar

Hints on Study of Khasi Language, by U Nissoi Singh

BURMESE

(For female candidates)

Mahazanakka and Werhandaya (To be read as models of Burmese style. Questions will not be asked on subject-matter) The examination will include—
Translation from English into Burmese
Questions on Composition
An essay (heading being given)

HINDI.

(For female candidates)

Ramjilal Sarma	Balaramayana
Tulsidas	Ramayana, Sundara Kanda

URIYA

(For female candidates)

Mrityunjay Kavyatirtha	Prabandhapatha
Madhusudan Rao	Prabandhamala

HISTORY

History of India

The following books on Indian History are recommended to indicate the standard of knowledge required —

Adharchandra Mukherjee	A Short History of the Indian People (revised edition, 1910)
Haraprasad Sastri	History of India (revised edition, 1907, or later)
Sir Willam Hunter	Brief History of the Indian Peoples
R C Dutt	A Brief History of Ancient and Modern India, brought up to date by J N Gupta, M A, I C S
A F. Rudolf Hoernle and H. A Stark	History of India (Hindu Period only)
C. R Wilson	History of India, revised edition (British Period only)
Rapson	Ancient India (Cambridge University Press)
Karim and Ghosh	Students' History of India (revised edition, 1910)
Vincent A Smith	The Students History of India
M Prothero and Vidyabhushan	Primer of the History of India
Lethbridge	History of India (Macmillan & Co.)
Kaliprasanna Bandyopadhyay	Bharatbarser Itihas (History of India in Bengali)
Nrisinhachandra Mukhopadhyay	Matriculation History of India in Bengali
Rajanikanta Gupta	Bharatbarser Itihas (History of India in Bengali)

Administration and Progress of India under British Rule.

N N Ghose	England's Work in India, revised edition, 1915

GEOGRAPHY.

The following books are recommended as indicating the methods of study as well as the standard of knowledge required —

A J Herbertson	The Oxford Geographies, Vol II

The World with fuller treatment of India (Longman's Geographical Series for India, Book II)

J. F Unstead	The Practical Geography, Parts I and II

The following books are recommended for the use of teachers —

Blanford	The Rudiments of Physical Geography for the use of Indian Schools
Frew	A Regional Geography of the Indian Empire (Blackie & Son)
Wallis	The Teaching of Geography (Cambridge University Press.)
O'Malley ..	Bengal, Bihar and Orissa Sikkim, (Macmillan & Co)

The following book is recommended for the use of teachers in connection with the teaching of "Sand Modelling" in the lower classes of schools —

A E Frye	The Child and Nature

Every school that intends to undertake instruction in Geography for the Matriculation Examination is required to possess the apparatus mentioned in the following list —

I —Tha total cost need not exceed Rs 65—

1 A measuring tape
2 A magnetic compass
3. Squared paper and tracing paper
4 Clay, dry sand, paper pulp for modelling
5 A globe, not less than 14 inches in diameter, with writing surface, and with line of latitude and longitude, and outlines, only of the landmasses, marked upon it
6 A map of the school locality on a scale of 4 ' or 6 ' 1 mile.
7 A map of the district in which the school is situated on the scale 1"—1 mile
8 A coloured map of the Province
9 A coloured political map of India
10 A physical map of India
11 A relief map of India
12 A map of the world on Mollweide's equal area projection and a map of Asia.

It is essential that the students should be provided with atlases, or with the necessary hand-maps Maps for school work should not contain too much detail, or be crowded with names

II —The following additional equipment is recommended when it can be provided, but that lack of it is not to be considered as a bar to the recognition of the school in Geography —

1. A thermometer
2 A mercury barometer
3 A rain-gauge
4 A small collection of typical rocks, in particular those of the Province and of India
5 A small museum of typical products
6 A good standard atlas
7 Geographical pictures
8 Magic lantern and slides.

The attention of teachers is requested to the raised maps of Bengal and Eastern Bengal and Assam made of paper pulp, prepared by Babu Kailaschandra Datta, Head Pandit, Habiganj Government Girls' School, Sylhet, and sold for Rs 7 and Rs 5, respectively

(2) Globes of all kinds are made by George Philip and Son, London, W. and A K Johnston, London, and Messrs Ruddiman Johnston, London

Small hand globes of German make can be obtained through the Indian School Supply Depot for about a rupee each

(3) The "Comparative" series of large wall maps of the continents published by George Philip and Son is good and up to date, so also are the Orographical wall maps published by Edward Stanford. Messrs Ruddiman Johnston publish a series of smaller wall maps which includes maps of India illustrating various distributions

Messrs Nelson's wall atlases are good Mr S B Chatterjee publishes District Maps also ordinary and relief maps of the Province

Babu L M Basu, the drawing master of the Dacca Collegiate School, has published good relief maps of Eastern Bengal and Assam and of India

The Vidal-Lablache French wall maps on strong cardboard, named on one side, and the same map without names on the reverse, published by Armand Colin, Paris, are good and cheap They measure 46 inches by 39 inches and can be delivered in Calcutta for Rs 4-14 each

(4) The hand maps, coloured to indicate relief, published by the Diagram Company, West Barnes Lane, New Malden, Surrey, at one penny each are the best of their kind.

The uncoloured half-penny maps showing river systems and a few towns published by the same Company, are excellent for class use

The autograph hand maps, with hill shading in brown, published by Edward Stanford, London, at one penny each, are very good, and are larger than the Diagram Company's hand maps The 15 inches map of the world on Mollweide's equal area projection is specially to be commended

(5) Wall pictures of considerable artistic merit are published by Messrs Edward Arnold of Leeds, Messrs Hachette of Paris, and Messrs Holzel of Vienna, and Messrs Longmans, Green & Co They cost, delivered in India, from two to three rupees each

Map lantern slides and view slides especially prepared for Geography teaching are sold by the Diagram Company for two or three shillings each Mr Bartington Smith of Darjeeling also sell good picture slides of the Himalayas at Rs 15 per dozen

Elementary Mechanics

The following book is recommended —

Sir Philip Magnus — Elementary Mechanics (Longmans, 1903)

The following list of apparatus is prescribed as indicating the approximate requirements of a recognised High School seeking to teach Elementary Mechanics for the Matriculation Examination —

Plumb-line and Level
Simple Lever (including brass slotted weights,
Roman Steelyard
Lecture apparatus for experiments on moments
George's New Atwood's Machine
Stop-watch
Glazebrooke's apparatus (to demonstrate movement of a body)
Hick's Ballistic Balance
Compound Wheel and Axle
4 Single Brass Pulleys
2 " " "
2 Triple " "
Weston Differential Pulley Blocks (½ ton)

16 feet of chain at 6d. per foot
Inclined Plane
Parallelogram of Forces apparatus
Wall Crane
Becker's New Physical Balance.
Set of Gramme Weights (200 grams to 1 mgr.)
2 Composition-ivory Balls

NOTE.—The above list is not exhaustive, and much of it might be replaced by simpler forms that could probably be made far more cheaply by any clever mistry under proper supervision. In most cases, however, it will probably be found abvantageous to buy such a set as indicated in the list specially for demonstration purposes, and subsequently to develop simplified duplicates illustrating the same principles which the boys should be given opportunity actually to experiment with on their own individual accounts or working in pairs.

MATRICULATION EXAMINATION, 1921.

ENGLISH

The following works are recommended to indicate the standard of knowledge to be demanded of candidates at the Matriculation Examination in 1921 —

Prose

Defoe		Robinson Crusoe (any school edition).
Lamb		Tales from Shakespeare
Hunter		Readings from Indian History, Pt III
Creighton		Heroes of European History (revised edition)
M. A. Hamilton	.	Greek Legends (Oxford Press)
Harrap		Stories from Old Testament
Scott	.	Ivanhoe (any school edition)
Gandy		Pandava Princess (Macmillan)
Nelson Fraser		World at War, 3rd edition (Oxford Press)
Macaulay		Stories from Chaucer (Cambridge Press)
Fournier		Wonders of Physical Science (Macmillan)
Swift		Gulliver's Travels (any school edition)
Day	..	Old Time Stories (from History of Standford and Merton)
Claxton	..	Mastery of the Air (Blackie & Son)
D. N. Neogi		Sacred Tales of India (Macmillan)
Todd	..	Annals of Rajasthan (Mewar) Abridged by C. H. Payne
Smiles		Selections by Rasamay Mitra
Dunn		In England
Reynolds		How Man Conquered Nature (Macmillan)

Arabian Nights (any school edition)
Washington Irving (University Selections, new edition).
Select Readings from English History (published by the University)
University bible Selections, Part II.

Poetry

Lahiri's Select Poems, Revised edition, published by the Calcutta University

Palgrave — Children's Treasury, Part I (Macmillan)
Dunn — English Verse for Indian Readers (Longmans, Green & Co)

VERNACULAR COMPOSITION.

BENGALI

(*Books recommended to be read as presenting models of style*)

Iswarchandra Vidyasagar	Sitar Banabas
Rajanikanta Gupta	Prativa
Chandranath Basu	Chandrakanta
Akshay Kumar Datta	Charupath, Part II
Dineschandra Sen	Fullara
Bijaychandra Majumdar	.. Prachin Sabhyata

HINDI.

(*Books recommended to be read as presenting models of style*)

Balbharat — Indian Press, Allahabad

Upadesa Kusumakar (excluding Poetry pieces), Khadgavilas Press, Bankipur.

URIYA

(*Books recommended to be read as presenting models of style*)

Mrityunjay Kavyatirtha	Prabandhapatha
Madhusudan Rao	Prabandhamala

ASSAMESE

(*Books recommended to be read as presenting models of style*)

Satyanath Borah	Sahitya-bichar
Lakshminath Bezborah	. Sadhu Kathar Kuki
Hemchandra Baruya	Pathamala

BURMESE

(*Books recommended to be read as presenting models of style*)

Mahazanakka
Withandaya
Temi

KHASI

(*Books recommended to be read as presenting models of style*)

Ka Jingiathukhana Puriskam (Khasi Folk Tales) by U. Rabon Sing
Book of Proverbs in Khasi (p 740 of Khasi Bible)

MODERN TIBETAN

(*Books recommended to be read as presenting models of style*)

Bay Chos
Namthar of Mi-la-ras-pa

URDU.

(Books recommended to be read as presenting models of style)

(1) Taubat-un-Nasuh by Nazir Ahmad
(2) Durbar-i-Akbari
(3) Urdu-i-Mu'alla of Ghalib

NEPALI

(Books recommended to be read as presenting models of style)

Shri Vijnan Vilas — Bharatbarsako Itihas
Matiram Bhatta — Marina Charitra
Sankshipta Ramayan

MATHEMATICS

No text-books are prescribed or recommended The subject is to be studied in accordance with the Syllabus prescribed in the Regulations of the University

SANSKRIT

The following portions of the Calcutta University Sanskrit Selections —

Part I—Prose Edition of 1917

Panchatantram — Pages 1—3, 29—51
Hitopadesa — ,, 52—96

NOTE —Pages 52-96 of the edition of 1917 correspond to pages 87-131 of the edition of 1915

Part II—Poetry—Edition of 1911

Kusalabo-o-Ramayanagaanam and Rabana Saktyahataya Lakshmanasya Punarutthanam — Pages 136—149
Dhritarashtrabilapa — ,, 199—209

Grammar

Elementary Sanskrit Grammar, by Dr G. Thibaut, published by the University.

PALI

Prose

Anderson's Pali Reader — Pages 1—43, omitting Radha Jataka Nacca Jataka and Sussondi Jataka

Poetry

Dipavamsa — .. Bhanavaras, I—V
Khuddaka Patha — .. Mangala Sutta

Grammar.

Balavatara — .. Edited by Dr. Satischandra Vidyabhushan and Samana Punnananda

CLASSICAL TIBETAN

Course of Studies in Classical Tibetan Edited by Dr E. D. Ross, Ph.D., C.I.E.

PERSIAN

University Selections compiled and edited by Dr E D. Ross, C.I.E Ph D. for the Matriculation Examination, omitting pages 1-5 and 43-56

ARABIC

University Selections compiled and edited by Dr E D Ross, C.I E, Ph.D, omitting pages 4 10 and 52-57

HEBREW

Genesis	1-14
Isaiah	1-6
Psalm	119

Davidson's Hebrew Grammar is recommended

ARMENIAN

Elishe's History of the War of the Vardanians, Parts I and II
Elishe Vardapiet Doorian's "Course of Classical Armenian," Part I (Prose and Verse)

SYRIAC

Text

Gospel of St Mathew (Peshitto version), Chapters V--VII
Gospel of St John (Peshitto version), Chapters I—VII
St Ephraem "on Wisdom I—XX

Grammar

J H. Robinson's Syriac Grammar, Sections I—XX

GREEK

Xenophon	Anabasis Book III
Euripides	Medea
New Testament	The Gospel according to St. Mark, Chapters I—VI

LATIN

Cæsar	... De Bello Gallico, Books III and IV
Virgil	Aeneid, Book I

FRENCH

Erckmann Chatrian	Waterloo (Macmillan & Co)
Racine	Britannicus

GERMAN

Prose

Die Ahnen, Part I, by Gustav Freytag (Macmillan)

Poetry

A book of Ballads, by Wilhelm Wagner (Cambridge University Press)

BENGALI.

(For female candidates)

Krishnadas		Mahabharat (Vanparba)—Edited by Dineschandra Sen or Jogindranath Bose
Hemchandra Banerjee		Bharat Bhiksha, Michaeler Swargarohan
Bimala Dasgupta		Uttara Ramcharita
Abinaschandra Basu		Manabcharita
Rajendranath Kanjilal		Mahabharatiya Nitikatha Part I
Tarakumar Kaviratna		Kathasara
Dineschandra Sen	..	Grihasri
Mankumari Basu		Subhasadhana
Kalikrishna Bhattacharyya	..	Banger Ratnamala, Parts I and II
Abinaschandra Banerjee		Ramayane Paribarik Chitra

URDU

(For female candidates)

Ama-Ibrat, Part I, by Suhrawardy a Begum

Mirat-ul-Urus, by Nazir Ahmad, from page 23 to 24 Newal Kishore's edition)

Kitab Panchwin Hissa Nazm, published by Anjuman-i-Hewait-i-Islam, Lahore

ASSAMESE

(For female candidates)

Text

Satyanath Bora	Sarathi
Padmanath Barua	Nitisiksha, Part III
Durgeswar Sarma	Anjali

Grammar

Any of the following —

Loknath Sarma	Assamiya Byakaran
Hemnath Barua	Assamiya Byakaran

KHASI

(For female candidates)

Text

Ka Jingiathukhana Puriskan (Khasi Folk Tales), by U Rabon Sing

Book of Proverbs in Khasi (p. 740 of Khasi Bible)

Grammar

Hints on Study of Khasi Language, by Ni Nissoi Singh

BURMESE.

(For female candidates)

Mahazanakka and Werhandaya (To be read as models of Burmese style Questions will not be asked on subject-matter) The examination will include—

Translation from English into Burmese
Questions on Composition
An essay (heading being given)

HINDI

(For female candidates)

Ramjilal Sarma	.. Balaramayana
Tulsidas	.. Ramayan, Sundara Kanda

URIYA

(For female candidates)

Mrityunjay Kavyatirtha	. Prabandhapatha
Madhusudan Rao	.. Prabandhamala

HISTORY

History of India

The following books on Indian History are recommended to indicate the standard of knowledge required —

Adharchandra Mookerjee	A Short History of the Indian People (revised edition 1910)
Haraprasad Sastri	History of India (revised edition, 1907 or later)
Sir William Hunter	Brief History of the Indian Peoples
R. C. Dutt	A Brief History of Ancient and Modern India, brought up to date by J N Gupta, M A, I C S
A F Rudolf Hoernle and H A Stark...	History of India (Hindu Period only)
C. R Wilson	History of India revised edition (British Period only)
Rapson ...	Ancient India (Cambridge University Press)
Karim and Ghosh	Students History of India (revised edition, 1910)
Vincent A Smith	The Students' History of India
M. Prothero and Vidyabhusan	Primer of the History of India
Lethbridge	History of India (Macmillan & Co)
Kaliprasanna Bandyopadhyay	Bharatbarser Itihas (History of India in Bengali)
Nrisinhachandra Mukhopadhyay .	Matriculation History of India in Bengali.
Rajanikanta Gupta	Bharatbarser Itihas (History of India in Bengali)

Administration and Progress of India under British Rule

N. N Ghose	Englands Work in India, revised edition, 1915

GEOGRAPHY.

The following books are recommended as indicating the methods of study as well as the standard of knowledge required —

E. Marsden .	Geography for Senior classes, Parts I and II

The world with fuller treatment of India (Longman's Geographical Series or India, Book II)

J. F Unstead	The Practical Geography, Parts I and II

The following books are recommended for the use of teachers —

Blanford	The Rudiments of Physical Geography for the use of Indian Schools
Frew	A Regional Geography of the Indian Empire, (Blackie & Son)
Wallis	The Teaching of Geography (Cambridge University Press)
O'Malley	Bengal, Bihar and Orissa, Sikkim (Macmillan & Co)

The following book is recommended for the use of teachers in connection with the teaching of "Sand Modelling" in the lower classes of schools —

A. E. Frye	The Child and Nature

Every school that intends to undertake instruction in Geography for the Matriculation Examination is required to possess the apparatus mentioned in the following list —

I —The total cost need not exceed Rs 65—

1 A measuring tape
2 A magnetic compass
3 Squared paper and tracing paper
4. Clay, dry sand, paper pulp for modelling
5 A globe, not less than 14 inches in diameter, with writing surface, and with line of latitude and longitude, and outlines, only of the landmasses, marked upon it
6 A map of the school locality on a scale of 4" or 6" 1 mile
7 A map of the district in which the school is situated on the scale 1" = mile
8 A coloured map of the Province
9 A coloured political map of India
10 A physical map of India
11 A relief map of India
12 A map of the world on Mollweide's equal area projection and a map of Asia

It is essential that the students should be provided with atlases, or with the necessary hand-maps, and with a drawing instrument box Maps for school work should not contain too much detail, or be crowded with names

II – The following additional equipment is recommended when it can be provided, but that lack of it is not to be considered as a bar to the recognition of the school in Geography —

1 A thermometer
2 A mercury barometer
3 A rain-gauge
4 A small collection of typical rocks, in particular those of the Province and of India
5 A small museum of typical products
6. A good standard atlas
7 Geographical pictures
8 Magic lantern and slides

(1) The attention of teachers is requested to the raised maps of Bengal and Eastern Bengal and Assam made of paper pulp, prepared by Babu Kailaschandra Datta, Head Pandit, Habiganj Government Girl's School, Sylhet, and sold for Rs 7 and Rs 5, respectively

2) Globes of all kinds are made by George Philip and Son, London, W. and A. K Johnston, London, and Messrs Ruddiman Johnston, London

Small hand globes of German make can be obtained through the Indian School Supply Depot for about a rupee each

(3) The "Comparative" series of large wall maps of the continents published by George Philip and Son is good and up to date, so also are the Orographical wall maps published by Edward Stanford Messrs Ruddiman Johnston publish a series of smaller wall maps which includes maps of India illustrating various distributions

Messrs Nelson's wall atlases are good Mr S B Chatterjee publishes District Maps, also ordinary and relief maps of the Province

Babu L M Basu, the drawing master of the Dacca Collegiate School has published good relief maps of Eastern Bengal and Assam and of India

The Vidal-Lablache French wall maps on strong cardboard, named on one side, and the same Map without names on the reverse, published by Armond Colin, Paris, are good and cheap They measure 46 inches by 30 inches and can be delivered in Calcutta for Rs 4 14 each

(4) The hand maps, coloured to indicate relief, published by the Diagram Company, West Barnes Lane, New Malden, Surrey, at one penny each are the best of their kind.

The uncoloured half-penny maps showing river systems and a few towns, published by the same Company are excellent for class use

The Autograph hand maps, with hill shading in brown, published by Edward Stanford, London, at one penny each, are very good, and are larger than the Diagram Company's hand maps The 15 inches map of the world on Mollweide's equal area projection is specially to be commended.

(5) Wall pictures of considerable artistic merit are published by Messrs. Edward Arnold of Leeds, Messrs Hachette of Paris, and Messrs Holzel of Vienna, and Messrs Longmans Green & Co They cost, delivered in India, from two to three rupees each

Map lantern slides and view slides especially prepared for Geography teaching are sold by the Diagram Company for two or three shillings each Mr Bartington Smith of Darjeeling also sells good picture slides of the Himalayas at Rs 15 per dozen

ELEMENTARY MECHANICS

The following books are recommended —

Sir Philip Magnus	₹	Elementary Mechanics (Longmans 1903)
A N Sen		Elementary Mechanics

The following list of apparatus is prescribed as indicating the approximate requirements of a recognized High School seeking to teach Elementary Mechanics for the Matriculation Examination —

Plumb-line and Level
Simple Lever (including brass slotted weights)
Roman Steelyard
Lecture apparatus for experiments on moments
George's New Atwood's Machine
Stop-watch
Glazebrook's apparatus (to demonstrate movement of a body)
Hick's Ballistic Balance
Compound Wheel and Axle
4 Single Brass Pulleys
2 " " "
2 Triple " "
Weston Differential Pulley Blocks (½ ton)

16 feet of chain at 6*d* per foot
Inclined Plane
Parallelogram of Forces apparatus
Wall Crane
Becker's New Physical Balance
Set of Gramme Weights (200 grams to 1 mgr.)
2 Composition-ivory Balls

NOTE.—The above list is not exhaustive, and much of it might be replaced by simpler forms that could probably be made far more cheaply by any clever mistry under proper supervision. In most cases, however, it will probably, be found advantageous to buy such a set as indicated in the list specially for demonstration purposes, and subsequently to develop simplifed duplicates, illustrating the same principles, which the boys should be given opportunity actually to experiment with on their own individual account or working in pairs.

MATRICULATION EXAMINATION, 1922

ENGLISH

The following works are recommended to indicate the standard of knowledge to be demanded of candidates at the Matriculation Examination in 1922 —

PROSE

Defoe		Robinson Crusoe (any School Edition)
Lamb		Tales from Shakespeare
Creighton		Heroes of European History (Revised Edition)
M A Hamilton	..	Greek Legends (Oxford Press)
Harrap		Stories from Old Testament
Scott		Ivanhoe (any School Edition)
Gandy		Pandava Princes (Macmillan) Prees
Macaulay		Stories from Chaucer (Cambridge)
Pommet		Wonders of Physical Science (Macmillan)
Swift		Gulliver's Travels (any School Edition)
Claxton		Mastery of the Air (Blackie & Son)
D N Neogi		Sacred Tales of India (Macmillan)
Tod		Annals of Rajasthan (Mewar), abridged by C H Payne
Smiles		Selections by Rasamay Mitra [lan]
Reynolds		How man conquered nature (Macmil-
Stephen Paget		Guide to the Study of the War
Lalbehary De		Folk Tales of Bengal
Kincaid		Tales from Indian Epics
Tappan		Heroes of the Middle Ages
Blackmore		Lorna Doone, abridged by Tomlinson
Quiller-Couch	...	Historical Tales from Shakespeare
Washington Irving		University Selections (new Edition)

Arabian Nights (any School Edition)

Select Readings from English History Parts I and II, (published by the University)

University Bible Selections, Part II

POETRY

Lahiri's Select Poems, Revised Edition, (published by the Calcutta University)

Palgrave — Children's Treasury, Part I (Macmillan)
Dunn — India in Song

VERNACULAR COMPOSITION.

BENGALI

(Books recommended to be read as presenting models of style)

Iswarchandra Vidyasagar — Sitar Banabas
Rajanikanta Gupta — Charita Katha
Chandranath Basu — Chandrakana
Akshaykumar Datta — Charupath, Part II
Dineschandra Sen — Sukatha
Ramendrasundar Trivedi — Prakriti

HINDI

(Books recommended to be read as presenting models of style)

Balbharat — Indian Press, Allahabad
Upadesha Kusumakar (excluding Poetry pieces) — Khadgavilas Press, Bankipore

URIYA

(Books recommended to be read as presenting models of style)

Mrityunjay Kavyatirtha — Prabandhapatha
Madhusudan Rao — Prabandhamala

ASSAMESE

(Books recommended to be read as presenting models of style)

Satyanath Borah — Sahitya-bichar
Lakshminath Bezbarah — Sadhu Kathar Kuki
Hemchandra Baruya — Pathamala

BURMESE

Books recommended to be read as presenting models of style)

Mahazanakka
Withandaya
Tenni

KHASI

(Books recommended to be read as presenting models of style)

Ka Jingthuklaina Puriskam (Khasi Folk Tales), by U Rabon Sing
Book of Proverbs in Khasi (p. 740 of Khasi Bible)

MODERN TIBETAN

(Books recommended to be read as presenting models of style)

Bay Chos
Namthar of Mila-re-pa

NEPALI

(Books recommended to be read as presenting models of style)

Shri Vijnan Vilas	"Bharatbarsako Itiha"
Matiram Bhatta	"Marma Charitra" "Sankshipta Ramayan"

URDU

(Books recommended to be read as presenting models of style)

(1) Taubat-un-Nasuh by Nazir Ahmed
(2) Durbar-i-Akbari
(3) Urdu-i-Mu'alla of Ghalib

MATHEMATICS

No text-books are prescribed or recommended. The subject is to be studied in accordance with the syllabus prescribed in the Regulations of the University.

SANSKRIT

The following portions of the Calcutta University Selections —

PART I—PROSE—Edition of 1917

Panchatantram	.. Pages 2-3, 29-51
Hitopadesa	,, 52-96

(Note—Pages 52-96 of the edition of 1917 correspond to pages 87-131 of the edition of 1915)

PART II—POETRY—Edition of 1911

Kusalaba-o Ramayanaganam and Rabana Saktya-hatya	
Lakshmanasya Punaruthanam	Pages 136-149
Dhritarashtrabilapa	,, 199-209

GRAMMAR

Elementary Sanskrit Grammar, by Dr G. Thibaut, published by the University.

PALI

PROSE

Anderson's Pali Reader	Pages 1-43, omitting Radha Jataka, Nacca Jataka and Sussondi Jataka

POETRY

Dipavamsa . .	... Bhanavaras, I-V
Khuddaka Patha ..	... Mangala Sutta

GRAMMAR

Balavatara	. Edited by Dr. Satischandra Vidyabhushan and Samana Punnananda

CLASSICAL TIBETAN

Course of Studies in Classical Tibetan edited by Dr. E. D. Ross, Ph.D., C.I.E.

PERSIAN

University Selections compiled and edited by Dr E D. Ross, C I E, Ph D for the Matriculation Examination, omitting pages 1-5 and 43-56

ARABIC

University selections compiled and edited by Dr E D Ross, C I E, Ph D omitting pages 4-10 and 52-57

HEBREW

Genesis	I-14
Isaiah	.. 1-6
Psalm	119

Davidson's Hebrew Grammar is recommended

ARMENIAN

Elishe's History of the War of the Vardanians, Parts I and II
Elishe Vardapiet Doorian's 'Course of Classical Armenian,' Part I (Prose and Verse)

SYRIAC

TEXT

Gospel of St. Matthew (Peshitto version) Chapters V—VII
Gospel of St John (Peshitto version), Chapters I—VII
St Ephraem "on Wisdom," I—XX

GRAMMAR

T H Robinson's Syriac Grammar Section I—XX

GREEK

Xenophon	Anabasis, Book III
Euripides	Medea
New Testament	The Gospel according to St Mark Chapters I VI

LATIN

Cæsar	De Bello Gallico, Books III and IV
Virgil	Æneid, Book I

FRENCH

Erckmann-Chatrian	L'Invasion
Racine	Britannicus

GERMAN

Prose

Die Ahnen, Part I, by Gustav Freytag. (Macmillan)

Poetry

A Book of Ballads, edited by Wilhelm Wagner (Cambridge University Press)

BENGALI.

(For Female Candidates)

Kasiram Das		Mahabharat (Vanaparba)—Edited by Dineschandra Sen or Jogindranath Bose
Michael Madhusudan Datta		Meghnadbadh, Canto IV (Sita o Sarama), with introduction by Dinanath Sanyal
Hemchandra Banerjee	..	Bharat Bhiksha Michaeler Swargarohan
Bimala Dasgupta		Uttara Ramacharita
Mankumari Basu		Subhasadhana
Dineschandra Sen		Grihasri
Sasibhushan Sen		Premchand Roychand
Rajendranath Kanjilal		Mahabharatiya Nitikatha, Part I
Abinashchandra Banerjee		Ramayane Paribarik Chitra
Akshaykumar Dattagupta		Sandarbha Chandrika
Sibaratan Mitra		Gopichandra Parts I & II
Nakuleswar Vidyabhushan		Bengali Grammar

ASSAMESE

(For Female Candidates)

Text

Satyanath Bora	Sarathi
Padmanath Barua	Nitisiksha, Part III
Durgeswar Sarma	Anjali

Grammar

Any one of the following —

Loknath Sarma	Assamiya Byakaran
Heminath Baruya	Assamiya Byakaran

KHASI

(For Female Candidates)

Text

Ka Jingiathukhana Puriskan (Khasi Folk Tales), by U Rabon Singh.
Book of Proverbs in Khasi (p 740 of Khasi Bible)

Grammar

Hints on Study of Khasi Language, by U Nissor Singh

BURMESE

(For Female Candidates.)

Mahazanakka and Werhandaya (To be read as models of Burmese style. Questions will not be asked on subject matter) The examination will include—

Translation from English into Burmese
Questions on Composition
An Essay (heading being given)

HINDI

(For Female Candidates)

Ramjilal Sarma	Balaramayana
Tulsidas	Ramayana, Sundara Kanda

URIYA

(For Female Candidates)

Mrityunjay Kavyatirtha	Prabandhapatha
Madhusudan Rao	Prabandhamala

URDU

For Female Candidate)

Ama-i-Ibrat, Part I, by Suhrawardya Begum

Mirat-ul-Urus, by Nazir Ahmad, from page 23 to 24 (Newal Kishore's edition)

Kitab Panchwin Hissa Nazm, published by Anjuman-i-Himait-i-Islam Lahore

HISTORY

History of India

The following books on Indian History are recommended to indicate the standard of knowledge required —

Adharchandra Mookherjee	A short History of the Indian People (revised edition 1910)
R. C Dutt	A Brief History of Ancient and Modern India brought up to date by J N Gupta, M A, I C S
Vincent A Smith	The Student's History of India
M Prothero & Vidyabhushan	Primer of the History of India
Kaliprasanna Bandyopadhyay	Bharatbarsher Itihas (History of India in Bengali)
Nrisinhachandra Mukhopadhyay	Matriculation History of India in Bengali
Rajanikanta Gupta	Bharatbarsher Itihas (History of India in Bengali)

Administration and Progress of India under British rule

N N Ghosh	England's Work in India (revised edition 1915)

GEOGRAPHY

The following books are recommended as indicating the methods of study as well as the standard of knowledge required —

E. Marsden	... Geography for Senior Classes, Parts I and II

The World with fuller treatment of India (Longman's Geographical Series for India, Book II)

J. F Unstead	The practical Geography Part I and II

The following books are recommended for the use of teachers —

Blanford	The Rudiments of Physical Geography for the use of Indian Schools
Frew	A Regional Geography of the Indian Empire (Blackie & Son)
Wallis	.. The Teaching of Geography (Cambridge University Press)
O'Malley	... Bengal, Bihar and Orissa, Sikkim, (Macmillan & Co)

The following book is recommended for the use of teachers in connection with the teaching of "Sand Modelling" in the lower classes of Schools —

A F Frye	The Child and Nature

Every school that intends to undertake instruction in Geography for the Matriculation Examination is required to possess the apparatus mentioned in the following list —

I (The total cost need not exceed Rs 65)

1 A measuring tape
2 A magnetic compass
3 A Squared paper and tracing paper
4 Clay, dry sand, paper pulp for modelling
5 A globe, not less than 14 inches in diameter, with writing surface, and with line of latitude and longitude, and outlines only of the landmasses, marked upon it
6 A map of the school locality on a scale of 4″ or 6″ 1 mile
7 A map of the district in which the school is situated on the scale 1″ 1 mile
8 A coloured map of the Province
9 A coloured political map of India
10 A physical map of India
11 A relief map of India
12 A map of the world on Mollweide's equal area projection and a map of Asia

It is essential that the students should be provided with atlases, or with the necessary hand-maps, and with a drawing instrument box Maps for school work should not contain too much detail or be crowded with names

II The following additional equipment is recommended when it can be provided, but that lack of it is not to be considered as a bar to the recognition of the school in Geography —

1 A thermometer
2 A mercury barometer
3 A rain-gauge
4 A small collection of typical rocks in particular those of the Province and of India
5 A small museum of typical products
6 A good standard atlas
7 Geographical pictures
8 Magic lantern and slides

(1) The attention of teachers is requested to the raised maps of Bengal and Eastern Bengal, and Assam made of paper pulp, prepared by Babu Kailaschandra Datta, Head Pandit, Habiganj Government Girl's School, Sylhet, and sold for Rs 7 and Rs 5 respectively

(2) Globes of all kinds are made by George Philip and Son, London, W, and A K Johnston, London, and Messrs Ruddiman Johnston, London

Small hand globes of German make can be obtained through the Indian School Supply Depot for about a rupee each

(3) The "Comparative" series of large wall maps of the continents published by George Philip and Son is good and up to date so also are the Orographical wall maps published by Edward Stanford Messrs Ruddiman Johnston publish a series of smaller wall maps which includes maps of India illustrating various distribution

Messrs Nelson's wall atlases are good Mr S B Chatterji publishes District Maps, also ordinary and relief maps of the Province

Babu L M Basu, the Drawing Master of the Dacca Collegiate School, has published good relief maps of Eastern Bengal and Assam and of India

The Vidal-Lablache French wall maps on strong cardboard, named on one side and the same map without names on the reverse, published by Armond Colin, Paris, are good and cheap. They measure 46 inches by 39 inches and can be delivered in Calcutta for Rs 4-14-0 each

(4) The hand maps, coloured to indicate relief, published by the Diagram Company, West Barnes Lane, New Malden, Surrey, at one penny each, are the best of their kind

The uncoloured half-penny maps showing river systems and a few towns, published by the same Company, are excellent for class use

The Autograph hand maps with hill shading in brown, published by Edward Stanford, London, at one penny each, are very good, and are larger than the Diagram Company's hand maps The 15 inches map of the world on Mollweide's equal area projection is specially to be commended

(5) Wall pictures of considerable artistic merit are published by Messrs Edward Arnold of Leeds, Messrs Hachette of Paris, Messrs Holzel of Vienna, and Messrs Longmans, Green and Company They cost, delivered in India, from two to three rupees each

Map lantern slides and view slides especially prepared for Geography teaching are sold by the Diagram Company for two or three shillings each Mr Bartington Smith of Darjeeling also sells good picture slides of the Himalayas at Rs 15 per dozen

Elementary Mechanics

The following books are recommended —

Sir Philip Magnus	Elementary Mechanics (Longmans, 1903)
A N. Sen	Elementary Mechanics

The following list of apparatus is prescribed as indicating the approximate requirements of a recognized High School seeking to teach Elementary Mechanics for the Matriculation Examination --

Plumb-line and Level
Simple Lever (including brass slotted weights)
Roman Steelyard
Lecture Apparatus for experiments on moments
George's New Atwood's Machine
Stop-watch
Glazebrook's apparatus (to demonstrate movement of a body)
Hick's Ballistic Balance
Compound Wheel and Axle
4 Single Brass Pulleys
2 Single Brass Pulleys
2 Triple Brass Pulleys

Weston Differential Pulley Blocks (½ ton)
16 feet of chain at 6*d* per foot
Inclined Plane
Parallelogram of Forces apparatus
Wall Crane
Becker's New Physical Balance
Set of Gramme Weights (200 grams to 1 mgr.)
2 Composition-ivory Balls

Note.—The above list is not exhaustive, and much of it might be replaced by simpler forms that could probably be made far more cheaply by any clever mistry under proper supervision. In most cases however it will probably be found advantageous to buy such a set as indicated in the list specially for demonstration purposes, and subsequently to develop simplified duplicates illustrating the same principles, which the boys should be given opportunity actually to experiment with on their own individual account or working in pairs.

INTERMEDIATE EXAMINATIONS IN ARTS AND SCIENCE, 1920

ENGLISH

Poetry

Milton	Paradise Lost, Book I
Gray	Elegy written in a country Churchyard Ode on Eton College, Hymn to Adversity, Progress of Poesy, Bard
Tennyson	The Passing of Arthur

Prose

Addison	Essays (University Selections, latest Edition)
Goldsmith	The Vicar of Wakefield, Selections, by C. Sankey (English School Classics Series, Longmans, Green & Co.)
Macaulay	History of England, Chapter I

A paper will be set on Essay, Prosody and Rhetoric, and some questions will be set on unseen passages from works of the same standard of difficulty as those prescribed for the Matriculation Examination.

INTERMEDIATE EXAMINATION IN ARTS

BENGALI

(*Books recommended to be read as presenting models of style.*)

Rajkrishna Banerjee	...	Telemachus
Jnanendralal Ray		Prabandha Lahairi (new edition)
Saratchandra Sastri		Dakshinapatha Bhraman
Haranchandra Rakshit		Sahitya Sadhana
Jogindranath Basu		Patibrata, Part II
Bhudhairchandra Ganguli		Kaliya

INTERMEDIATE EXAMINATION IN SCIENCE

BENGALI

(*Books recommended to be read as presenting models of style*)

Kaliprasanna Ghosh
Sasibhushan Sen
Ramendrasundar Tribedi
Rajkrishna Mookerjee

Ramanath Saraswati
Abdul Jabbar

Nisitha Chinta
Asoka
Prakriti
Nana Prabandha (omitting Charbaka Darsan and Comte Darsan)
Aryya Jibani
Hajrater Jibani

I A AND I.Sc EXAMINATIONS

HINDI

(*Books recommended to be read as presenting models of style*)

Harischandra
Pratapnarayan Misra
Gadadhar Singh
Lala Sitaram

Charitavali
Sangit Shakuntal
Kadambari
Nitibatika

ASSAMESE

(*Books recommended to be read as presenting models of style*)

Selections from Katha Bhagavat

Brahmar Mohanasa
Samanta Harana

Selections from Jonaki

Jivanar Amiya
Manava-Mahatva

Selections from Usha

Sarai Ghater Yuddha
Dhan aru dhaner Vyavahar
Jivanar uddesya Ki

KHASI

(*Books recommended to be read as presenting models of style*)

Ka Kitab Niam-Khin Ki Khasi (a book on the religion and social system of the Khasi people) by U Rabon Singh

The book of Job
The Pilgrim's Progress
Ka Kitab Jing Phawar, by U Rabon Singh

BURMESE

(*Books recommended to be read as presenting models of style*)

Maha-Janaka Jataka Vathu
Vedura-Jataka Vathu
Sandakumara Jataka Vathu
U Ponya Myttazza
Mahalankara Vathu
Thamane Gyaw Loba Vathu

URIYA.

(Books recommended to be read as presenting models of style)

Charupath, Part III, translated by Bichhinda Patnaik
Ramsankar Ray
Sasibhushan Ray
Bibasini
Dakshinatya Bhraman

Adiparba of Mahabharate (Anukramanika and Parbasangrahadhyaya translated by Govindachandra Mahapatra

URDU

(Books recommended to be read as presenting models of style)

Al Mamun, by Shibli
Firduns-i-Barin, by Sharar
Hayat-i-sa'adi, by Hali
Musaddas-i-Hali

NEPALI

(Books recommended to be read as presenting models of style)

Durga Debi Sankshipta Ansuya Sita Sanbad-Bharata

I A EXAMINATION

SANSKRIT

Poetry

Kumar Sambhava . Cantos I and II, with Mallinatha's commentary
Bhattikavyam . Cantos I and II

Prose

University Sanskrit Selections (edition of 1916) Mahabharatam, pages 1 to 10 and 54-60
Dasakumaracharitam pages 01 to 80

Grammar recommended

Elementary Sanskrit Grammar, by Dr G Thibaut (published by the University)

Panini Parisistha Byakarana, by Debendrakumar Vidyaratna (for reference only)

BENGALI

(For female candidates)

Michael Madhusudan Datta . Meghnad-badha Canto, IV (nanendra-mohan Das's edition)

Krittibas-Ramayan (Ajodhya Kanda) edition by Ramananda Chatterjee or Jogindranath Bose or Dineschandra Sen

Nabinchandra Sen	Prabhas
Abinaschandra Das	Sita
Kaliprasanna Sinha	Mahabharata (Nalopakhyan)
Hemchandra Sarkar	Bibidha Prabandha
Tarasankar Kabiratna	Kadambari (expurgated edition by Charuchandra Banerjee)
Akshaykumar Dutta	Charupath, Part III
Isanchandra Ghose	Jatak Vol I (Nos 1 to 50 and Introduction)

URDU

(For female candidates)

Taubat-un-Nasuh	First three Fasls
Musaddas-i-Hali	Whole

HINDI

(For female candidates)

Harischandra	Charitavali
Pratapnarayan Misra	Sangit Shakunta'
Lala Sitaram	Nitibatika

ASSAMESE

(For female candidates)

Mahabharat (Vanaparva selected pieces published by Sibnath Bhattacharyya

Nitisiksha, Part III, by Padmanath Barua

Sakuntala (Translation), by Lambodar Bora

KHASI

(For female candidates)

Prose

Ka Kitab Niam-Khin Ki Khasi (a book on the religion and social system of the Khasi people) by U Rabon Singh

Book of Job (in Khasi, page 620 of Khasi Bible), or Pilgrims Progress (in Khasi)

Verse

Ka Jingsneng Tymmen, Part I, U Radhan Singh Berry (sayings of the Ancients)

Ka Jingsneng Tymmen, Part II, U Radhan Singh Berry (sayings of the Ancients)

PALI

Anderson Pali Reader

The course also includes a knowledge of Pali Grammar of higher standard than that required at the Matriculation Examination.

Grammar recomended

E Muller	Pali Grammar
	or
Satischandra Vidyabhushana	Kaccayana

ARABIC.

University Selections compiled and edited by Dr. E D. Ross, C.I.E, Ph. D. (the whole)

Grammar

A book on Arabic Grammar to be published by the University

PERSIAN

University Selections compiled and edited by Dr E D Ross, C I E, Ph D omitting pages I 11 and 62-76

HEBREW

Genesis	..	15—37
Isaiah		40—55
Psalms		90—106
The Book of Ruth		

SYRIAC

Paper I—Biblical (Peshitto Version)—

1 The Book of Acts . Ch I—XX
2 Psalms .. Ch. I—XXV

Paper II- Non-Biblical--

1 Bar-Hebraeus—Nomo-Canon .. ... Ch VII, Sec I—V
2 St Ignatius—

(i) Epistle to Polycarp
(ii) Epistle to the Ephesian
(iii) Epistle to the Romans

Grammar

Robinson's Syriac Grammar (whole)

CLASSICAL ARMENIAN

Prose

Moses of Khoren's History of Armania Part II

Poetry.

Elishe Vardapiet Doorian's Course of Classical Armenian, Part II

The course also includes Armenian Grammar, of which a fuller knowledge will be required than at the Matriculation Examination.

GREEK

Herodotus	...	Book VII
Plato		Apologia
Homer	...	Odyssey, Books V and VI

LATIN.

Cicero	..	Pro Milone
Livy		Book I
Horace		Odes, II and III

FRENCH

Emile Faguet	Ce que disent les livres
H E Berthon	Specimens of Modern French Verse, Part I (Macmillan & Co)

GERMAN

Theodor Fontane	.. Vor Dem Sturm (Macmillan)
Schiller	Selections from Lyrical Poems, edited by Turner and Morshead (Macmillan)

The course also includes German Grammar

HISTORY

The following books are recommended

Tout	Advanced History of Great Britain
A D Innes	History of England
Gardiner	Students' History of England
Bury	History of Greece for Beginners (N B —This book comes down only to 322 B C)
Smith	Smaller History of Greece, revised by Marindin
Smith	Smaller History of Rome revised by Greenidge
Shuckburgh	History of Rome for Beginners
Merivale and Fuller	School History of Rome (only the portion from Actium to the end)

LOGIC

The subject of Logic is to be studied as defined by the syllabus Students are recommended to use one or more of the following books, or elect portion thereof with special reference to the course laid down in the syllabus —

Carveth Read	Logic, Deductive and Inductive
Bain	Logic (Deductive and Inductive)
Mitra (A C)	Principles of Logic (Deductive and Inductive)
P K Ray	Deductive and Inductive Logic
Prakaschandra Sinha	Tarka-Vignan

Before joining the regular class students are advised to read—

Creighton	Introductory Logic, Parts I and II
Jevons	Elementary Lessons in Logic

The following books are recommended for the guidance of teacher and for advanced reading —

Hamilton	. Lectures on Logic
Mill	System of Logic
Jevons	Principles of Science
Joseph	Logic
Bosanquet	Logic
Sigwart	Logic
Uberweg	System of Logic and History of Logical Doctrines

Venn	...	Empirical Logic
Keynes		Formal Logic
Westaway		Scientific Method Its Philosophy and Practice
Welton		Logic, Vols I and II
Encyclopædia of the Philosophical Sciences		Volume on Logic

I A AND I Sc EXAMINATIONS

MATHEMATICS

No text-books are prescribed The subject is to be taught in accordance with the syllabus prescribed in the Regulations

The following books are recommended —

Asutosh Mukhopadhyay	Geometry of Conics
Jessop and Havelock	Elementary Mechanics
D N Mallik	Elementary Dynamics
Loney	Elements of Statics and Dynamics
Turner and Bose	Intermediate Mechanics

GEOGRAPHY

Students who wish to offer Geography at the Intermediate Examinations are required to read either —

A J Herbertson	The Oxford Geographies Vol III

or

L Estrange	A Progressive Course in Comparative Geography

and the following books are recommended to be used by the students in studying the subject in accordance with the syllabus prescribed in the Regulations

H R Mill	The Realm of Nature
	or
Tarr	Physical Geography
Simons and Richardson	Introduction to Practical Geography
W A Elderton	Map and Map drawing
Fanthorpe	Physical Atlas and Map-drawing
Blanford	Rudiments of Physical Geography for the use of Indian School
Bartholomew (with introduction by Lyde)	Economical Atlas (Oxford University Press)

PHYSICS

Aldous	Elementary Course of Physics
Watson	Elementary Practical Physics
Gregory and Hadley	A Class book of Physics
Rajanikanta De	Intermediate Course of Practical Physics
Rajanikanta De	Introduction to the Study of Sound

CHEMISTRY

W. A. Shenstone	Inorganic Chemistry
Perkin and Lean	Introduction to the Study of Chemistry
Donington	Practical Exercises in Chemistry
P C Ray	Elementary Inorganic Chemistry
P C. Ray	Practical Inorganic Chemistry
Bailey	First Stage in Inorganic Chemistry
Haridas Saha and Kumudnath Chaudhuri	A Course of Practical Chemistry for Intermediate Students
D. N Mukherjee	Elements of Inorganic Chemistry

PHYSIOLOGY

Hill	Manual of Human Physiology
Huxley	Lessons in Elementary Physiology (latest edition)

BOTANY

Farmer, J B	Practical Introduction to the Study of Botany (London, 1905)
Bailey, L H	Botany, an Elementary Text for Schools (New York, 1901)
Darwin, F	Elements of Botany (Cambridge latest edition)
Fyson, P F	A Botany for India

Candidates who take up Botany will be required to possess a special knowledge of the following Natural Orders of plants —

(1) Cruciferae
(2) Malvaceae
(3) Leguminosae
(4) Cucurbitaceae
(5) Apocynaceae
(6) Rubiaceae
(7) Compositae
(8) Solanaceae
(9) Acanthaceae, or Labiatae
(10) Euphorbiaceae
(11) Scitaminaceae
(12) Graminaceae

At the Intermediate Examinations in Arts and Science a study of the outline of the life history of the following "Selected plants" is required to illustrate the gradual ascent in complexity of structure and reproductive cycle from the lowest fungi and algae to the phanerogams —

(1) Yeast
(2) Mucor or Euroteum
(3) Spirogyra
(4) A Moss
(5) A Fern
(6) Selaginella
(7) A Conifer
(8) A Monocotyledon
(9) A Dicotyledon

ZOOLOGY

J. Arthur Thomson	Outlines of Zoology (such portions of it as are required in the Syllabus)
R. E Lloyd	An Introduction to Biology for students in India
A D. Imms	... A Laboratory Sketch Book of Zoology for India Students (such protions of it as relate to the types prescribed in the Syllabus)

INTERMEDIATE EXAMINATIONS IN ARTS AND SCIENCE, 1921

ENGLISH

Poetry

Gray	Elegy written in a country Church yard, Ode on Eton College, Hymn to Adversity, Progress of Poesy Bard
Tennyson	The Passing of Arthur

Calcutta University Selections

The following pieces have been selected for 1921 —

Shakespeare	The Seven Ages of Man On Sleep
Milton	On His Being Arrived to the Age of 23 On His Blindness To Cyriac Skinner Invocation to Light
Wordsworth	London 1802 Extinction of the Venetian Republic
Lamb	The Old Familiar Faces
Moore	Pro Patria Mori
Heber	An Evening Walk in Bengal
Byron	Rome
Keat	To One Who has been Long in City Spent Kosciusko
Newman	Lead, Kindly Light
Longfellow	Divina Commedia Dante and Beatrice
Tennyson	Ulysses Milton
Lowell	Fatherland The Heritage

Prose

Macaulay	History of England, Chapter I

Calcutta University Selections -

The following pieces have been selected for 1921 –

Swift	The Lawyers
Chesterfield	Johnson Dictionary
Robertson	Abdication of Charles V
Do	Columbus Nearing Land
Goldsmith	A City Night Piece
Burke	The Devastation of the Carnatic
Boswell	A Dictionary of the English Language
Sydney Smith	.. The Profession of the Law
Napier	.. Death and Character of Sir John Moore
Macaulay	The Trial of Warren Hastings
Newman	The Power of Literature
Do	The Character of Gentleman

Tolstoy	..	Where Love is, there God is also
Pulsford		Be Men
Stevenson	.	Yoshida-Torajiro
Conan Doyle	.	The Lord of Chateau Noir
Fitchett		The Lady with the Lamp
From the "Spectator"	...	The Secret of the Hills
From the "Modern Essays"	-	(a) "The Secret of Success"
		(b) "Living in the Past"

The following portions of the Selections from the Bible, edited by Mr H C. Maitra and Rev Dr G Howells (Published by the University) have been prescribed for 1921

Pages 1-8, 10 17, 31-36, 83 96, 178-189, 224-228 with Introduction

A paper will be set on Essay, Prosody and Rhetoric, and some questions will be set on unseen passages from works of the same standard of difficulty as those prescribed for the Matriculation Examination

Candidates are expected to possess only a knowledge and understanding of the prescribed pieces (both prose and poetry), questions will not be set to test their knowledge of the lives, works and styles of the authors, beyond what is involved in the set pieces themselves

I A EXAMINATION.

BENGALI

(Books recommended to be read as presenting models of style)

Rajkrishna Banerjee	..	Telemachus
Saratchandra Sastri		Dakshinapatha Bhraman
Jogindranath Basu	-	Patibrata, Part II
Bhudarchandra Ganguli		Kaliya
Aswinikumar Chatterjee	.	Sarbadharma
Mozammal Haque	.	Firdausicharit

I Sc EXAMINATION

BENGALI

Books recommended to be read as presenting models of style)

Kaliprasanna Ghosh		Nibhrita Chinta
Sasibhushan Sen		Karmakshetra
Ramendrasundar Tribedi		Prakriti
Haranchandra Rakshit		Sahitya Sadhana
Ramnath Saraswati	...	Aryya Jibani
Abdul Jabbar	.	Hajratei Jibani

INTERMEDIATE EXAMINATIONS IN ARTS AND SCIENCE.

HINDI

(Books recommended to be read as presenting models of style)

Harischandra		Charitavali
Pratapnarayan Misra		Sangit Shakuntal
Gadadhar Singh		Kadambari
Lala Sitaram	...	Nitibatika

ASSAMESE

(Books recommended to be read as presenting models of style.)

Hemchandra Barooah	,	Kathamala
Satyanath Borah	..	Sarathi
Rajanikanta Bardolai		Manomali
Hemchandra Goswami		Assamese Language
Padmanath Barooah		Nitisikhya, Part III

KHASI

(Books recommended to be read as presenting models of style.)

Ka Kitab Niam-Khein Ki Khasi (a book on the religious and social system of the Khasi people), by U. Rabon Singh

The book of Job | The Pilgrim's Progress

Ka Kitab Jing Phawai, by U. Rabon Singh

BURMESE

(Books recommended to be read as presenting models of style.)

Maha-Janaka Vathu		U Ponya Myttazza
Vedura-Jataka Vathu		Mahalankara Vathu
Sandakumara Jataka Vathu	,	Thamane Gyaw Loba Vathu

URIYA

(Books recommended to be read as presenting models of style.)

Charupath, Part III translated by Bichhanda Patnaik

Ramsankar Ray	..	Bibasini
Sasibhushan Ray	...	Dakshinatya Bhraman

Adiparba of Mahabharata (Anukramanika and Parbasangrahadhyaya) translated by Govindachandra Mahapatra

URDU

(Books recommended to be read as presenting models of style.)

Al-Mamum	Shibli
Malikul Aziz wa Virginia	
Hayat-i-Saadi	Hali
Musaddas-i-Hali	

NEPALI

Books recommended to be read as presenting models of style.)

Durga Debi | Ansuya Sita Sanbad

Sankshipta Bharata

INTERMEDIATE EXAMINATION IN ARTS.

SANSKRIT

Poetry

Kumar Sambhava	Cantos I and II, with Mallinatha's commentary
Bhattikavyam	Cantos I and II

Prose

University Sanskrit Selections (edition of 1916) — Mahabharatam, pages 1 to 10 and 54-60
Dasakumaracharitam, pages 61 to 80

Grammar recommended

Elementary Sanskrit Grammar, by D. C. Dhibar (published by the University)

Panini Parisistha Byakarana, by Debendrakumar Vidyaratna (for reference only)

BENGALI

For female candidates

Michael Madhusudhan Datta — Meghnad badha, Canto IV (Jnanendramohan Das's edition)

Krittibas-Ramayan (Ajodhya Kanda), edited by Ramananda Chatterjee or Jogindranath Bose, or Dineschandra Sen

Nabinchandra Sen — Prabhas
Abinaschandra Das — Sita
Kaliprasanna Sinha — Mahabharater (Nalopakhyan)
Hemchandra Sarkar — Bibidha Prabandha
Tarasankar Kabiratna ... Kadambari (expurgated edition by Charuchandra Banerjee)
Akshaykumar Datta — Charupath Part III
Isanchandra Ghosh — Jatak, Vol. I (No. I to 50 and Introduction)
Chandranath Basu . Sabitrir uttwa (abridged edition)
Sasibhushan Chatterjee — Rumer Rajyabhisek

URDU

(For female candidates)

Taubat-un-Nasuh (first three Fasl)
Nusaddas-i Hali (whole)

HINDI.

(For female candidates)

Harischandra ... Chumtavali
Pratapnarayan Misra ... Sangit Shakunta'
Lala Sitaram .. Nitibatika

ASSAMESE

(For Female Candidates)

Mahabhatat (Vanaparva) elected pieces published by Sibnath Bhattacharyya.
Nitisiksha, Part III, by Padmanath Barua
Sakuntala (Translation), by Lambodar Bora

KHASI

(For Female Candidates)

Prose

Ka Kitab Niam-Khein Ki Khasi (a book on the religion and social system of the Khasi people), by U Rabon Singh

Book of Job (in Khasi, page 620 of Khasi Bible) or Pilgrim's Progress (in Khasi)

Verse

Ka Jingsneng Tymmen, Part I U Radhan Singh Berry (sayings of the Ancients)

Ka Jingsneng Tymmen, Part II, U. Radhan Singh Berry (sayings of the Ancients)

PALI

Andersen's Pali Reader

The course also includes a knowledge of Pali Grammar of higher standard than that required at the Matriculation Examination

GRAMMAR RECOMMENDED

E Muller	Pali Grammar
	or
Satischandra Vidyabhushan	Kaccayana

ARABIC

University Selections compiled and edited by Dr E D Ross, C I E, Ph D (The whole)

PERSIAN

University Selection compiled and edited by Dr E D Ross, C I E, Ph D omitting Pages 1—11 and 62—76

HEBREW

Genesis	15—17
Isaiah	40—55
Psalms	90—100

The Book of Ruth

SYRIAC

Paper I—Biblical (Peshitto Version)—

1	The Book of Acts	Ch I—XV
2	Psalm	.. Ch I—XXV

Paper II—Non-Biblical—

1 Bar-Hebraeus—Nomo-Canon Ch. VII Sec I—V

2 St Ignatius -

(i) Epistle to Polycarp
(ii) Epistle to the Ephesians
(iii) Epistle to the Romans

GRAMMAR

Robinson's Syriac Grammar (whole)

CLASSICAL ARMENIAN

Prose

Moses of Koren's History of Armenia, Part II

Poetry

Elishe Vardapiet Doorian's Course of Classical Armenian, Part II

The course also includes Armenian Grammar, of which a fuller knowledge will be required than at the Matriculation Examination

GREEK

Herodotus	Book I (Chapter 1–94)
Plato	Apologia
Homer	Odyssey, Book XI
Sophocles	Antigone

LATIN

Cicero	Lege Manilia
Livy	Book XXI
Horace	Odes, III and IV

FRENCH.

Michaud	... Histoire de la Premiere Croisade edited by A. V. Houghton (Macmillan)
H. E. Berthon	Specimens of Modern French Verse, Part I. (Macmillan & Co.)

GERMAN

Theodor Fontane	... Vor Dem Sturm (Macmillan)
Schiller	Selections from Lyrical Poems, edited by Turner and Morshead (Macmillan)

The course also includes German Grammar

HISTORY

The following Books are recommended

Tout	... Advanced History of Great Britain
A. D. Innes	History of England
Gardiner	Students' History of England
Bury	History of Greece for Beginners (N.B. This book comes down only to 322 B.C.)
Smith	... Smaller History of Greece, revised by Marindin

Smith		Smaller History of Rome revised by Greenidge
Shuckburgh		History of Rome for Beginners
Merivale and Puller		School History of Rome (only the portion from Actium to the end)
Breasted	..	Ancient Times (Greece and Rome)

LOGIC

The subject of Logic is to be studied as defined by the syllabus Students are recommended to use one or more of the following books, or select portions thereof, with special reference to the course laid down in the syllabus —

Carveth Read		Logic, Deductive and Inductive
Bain	...	Logic (Deductive and Inductive)
Mitra (A C)		Principles of Logic (Deductive and Inductive)
P K Ray		Deductive and Inductive Logic
Prakaschandra Sinha		Tarka Vignan

Preparatory Reading—Before joining the regular class students are advised to read—

Creighton		Introductory Logic Parts I and II
Jevons		Elementary Lessons in Logic

The following books are recommended for the guidance of teachers and for advanced reading

Hamilton		Lectures on Logic
Mill		System of Logic
Jevons		Principles of Science
Joseph		Logic
Bosanquet		Logic
Sigwart		Logic
Ueberweg		System of Logic and History of Logical Doctrines
Venn		Implied Logic
Keynes		Formal Logic
Westaway		Scientific Method Its Philosophy and Practice
Welton		Logic, Vol I and II
Encyclopedia of Philosophical Science		Volume on Logic

I A AND I Sc EXAMINATIONS

MATHEMATICS

No text books are prescribed The subject is to be taught in accordance with the syllabus prescribed in the Regulations

The following books are recommended

Asutosh Mukhopadhyay		Geometry of Conics
Jessop and Havelock		Elementary Mechanics
D N Mallik		Elementary Dynamics
Loney		Elements of Statics and Dynamics
Turner and Bose	...	Intermediate Mechanics

GEOGRAPHY

Students who wish to offer Geography at the Intermediate Examinations are required to read either —

A J Herbertson	The Oxford Geographies, Vol III
	or
L'Estrange	A Progressive Course in Comparative Geography

and the following books are recommended to be used by the students in studying the subject in accordance with the syllabus prescribed in the Regulations —

H R Mill	The Realm of Nature
	or
Tarr	Physical Geography
Simons and Richardson	Introduction to Practical Geography
W A Elderton	Maps and Map drawing
Fanthorpe	Physical Atlas and Map-drawing
Blanford	Rudiments of Physical Geography for the use of Indian Schools
Bartholomew (with introduction by Lyde)	Economical Atlas (Oxford University Press

PHYSICS

Aldous	Elementary Course of Physics
Watson	Elementary Practical Physics
Rajanikanta De	Introduction to the Study of Sound

CHEMISTRY

W A Shenstone	Inorganic Chemistry
Perkin and Lean	Introduction to the Study of Chemistry
Donnington	Practical Exercises in Chemistry
P C Ray	Elementary Inorganic Chemistry
P C Ray	Practical Inorganic Chemistry
Haridas Saha and Kumudnath Chaudhuri	A Course of Practical Chemistry for Intermediate Students
D N Mukherjee	Elements of Inorganic Chemistry
Donnington	A Class book of Chemistry (Parts I-IV (Macmillan

PHYSIOLOGY

Hill	Manual of Human Physiology
Huxley	Lessons in Elementary Physiology (late Edition

BOTANY

Farmer J B	Practical Introduction to the Study of Botany (London, 1905)
Bailey, L H	Botany, an Elementary Text for Schools (New York, 1901)
Darwin, F	Elements of Botany (Cambridge latest edition)
Fyson, P F	A Botany for India

Candidates who take up Botany will be required to possess a special knowledge of the following Natural Orders of plants —

(1) Cruciferæ
(2) Malvaceæ
(3) Leguminosæ
(4) Cucurbitaceæ
(5) Asclepiadaceæ
(6) Rubiaceæ
(7) Compositæ
(8) Solanaceæ
(9) Acanthaceæ
(10) Euphorbiaceæ
(11) Scitaminaceæ
(12) Graminaceæ

At the Intermediate Examinations in Arts and Science a study of the outline of the life history of the following "Selected plants" is required to illustrate the gradual ascent in complexity of structure and reproductive cycle from the lowest fungi and algae to the phanerogams —

(1) Yeast
(2) Mucor or Furoteum
(3) Spirogyra
(4) A Moss
(5) A Fern
(6) Selaginella
(7) A Conifer
(8) A Monocotyledon
(9) A Dicotyledon

ZOOLOGY

J Arthur Thomson	Outlines of Zoology (such portions of it as are required in the Syllabus)
R E Lloyd	An Introduction to Biology for students in India
A D Imms	A Laboratory Sketch Book of Zoology for Indian Students (such portions of it as relate to the types prescribed in the Syllabus)

GEOLOGY

Not text-books are prescribed or recommended The subject is to be studied with the help of the Syllabus prescribed in the Regulations

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INTERMEDIATE EXAMINATIONS IN ARTS & SCIENCE, 1922

ENGLISH

Poetry

Calcutta University Selections (Portions to be read will be specified later)

Prose

Calcutta University Selections (Portions to be read will be specified later)

Selections from the Bible, (Published by University) (Portions to be read will be specified later)

A paper will be set on Essay, Prosody and Rehtoric, and some questions will be set on unseen passages from works of the same standard of difficulty as those prescribed for the Matriculation Examination

Candidates are expected to possess only a knowledge and understanding of the prescribed pieces (both Prose and Poetry), questions will not be set to test their knowledge of the lives, works and styles of the authors, beyond what is involved in the set pieces themselves

I A. EXAMINATION.

BENGALI

(Books recommended to be read as presenting models of style)

Saratchandra Sastri	Dakshinapatha Bhraman
Jogendranath Basu	Patibrata Part II
Mozammal Haque	Maharshi Mansur
Bijaychandra Majumdar	Prachin Sabhyata
Mohommad Yakub Ali	Santidhara
Jagatchandra Sen	Brahmachari

I Sc EXAMINATION

(Books recommended to be read as presenting models of style)

Kaliprasonna Ghosh	Nibhrita Chinta
Sasibhushan Sen	Karmakshetra
Haranchandra Rakshit	Sahitya Sadhana
Abdul Jabbar	... Debi Rabia
Aswinikumar Chatterjee	Sarbadharma
Rajkrishna Banerjee	.. Telemachus

I A & I Sc EXAMINATIONS

HINDI

(Books recommended to be read as presenting models of style)

Harischandra	. Charitavali
Pratapnarayan Misra	Sangit Shakuntal
Godhadhar Singh	Kadumbari
Lala Sitaram	Nitibatika

ASSAMESE

(Books recommended to be read as presenting models of style)

Hemchandra Barooah	Kathamala
Satyanath Borah	Sarathi
Rajanikanta Bardolai	.. Manomali
Hemchandra Goswami	Assamese Language
Padmanath Barooah	Nitisiksha, Part III

KHASI

(Books recommended to be read as presenting models of style)

1 Ka Kitab Niam-Khein Ki Khasi (a book on the religious and social system of the Khasi people) by U Rabon Singh

2 The Book of Job . 3 The Pilgrim's Progress

4 Ka Kitab Jing Phawai, by U Rabon Sing

BURMESE

(Books recommended to be read as presenting models of style)

1	Maha-Janaka Jataka Vathu	2	Vedura-Jataka Vathu
3	Sandakumara Jataka Vathu	4	U Ponya Myttazza
5	Mahalankara Vathu	6	Thamane Gyaw Loba Vathu

NEPALI

(Books recommended to be read as presenting models of style)

Durga Debi — Ansuya Sita Sanbad

"Sankshipta Bharata"

URIYA

(Books recommended to be read as presenting models of style)

Charupath, Part III, translated by Bichhanda Patnaik

Ramsankar Ray — Bibasini

Sasibhushan Ray — Dakhinatya Bhraman

Adiparba of Mahabharata (Anukramanika and Parbasangrahadhyay), translated by Gobindachandra Mohapatra

URDU

(Books recommended to be read as presenting models of style)

Al Mamun — Shibli

Malikul Aziz wa Virginia

Hayat-i-Sa'adi — Hali

Musaddas-i-Hali

I A EXAMINATION

SANSKRIT

Poetry

Kumar Sambhava — Cantos I and II, with Mallinatha's commentary

Bhattikavyam — Cantos I and II

Prose

University Sanskrit Selections—Mahabharatam, pages 2—10 and 54—60 (edition of 1916)

Dasakumaracharitam, pages 61-80.

Grammar Recommended

Elementary Sanskrit Grammar, by Dr G Thibaut (published by the University)

Panini Parisishtha Byakarana, by Debendrakumar Vidyaratna (for reference only)

BENGALI

(For Female Candidates

Krittibas-Ramayan (Ajodhya Kanda) edited by Ramananda Chatterjee or Jogendranath Bose or Dineschandra Sen

Michael Madhusudan Datta	.. Chaturdaspadi Kabitabali, edited by Dinanath Sanyal
Nabinchandra Sen	.. Prabhas
Rabindranath Tagore	Geetanjali
Kaliprasanna Sinha	Mahabharata (Nalopakhyan)
Tarasunkar Kaviratna	Kadambari (expurgated edition by Charuchandra Banerjee)
Bhudeb Mookerjee	Samajik Prabandha
Chandranath Basu	Sabitritattwa (abridged edition)
Gooroo Dass Banerjee	Jnan-o-Karma
Isanchandra Ghosh	Jatak, Vol I, (Nos 1 to 25 and Introduction)

URDU

(For Female Candidates)

Taubat-un Nasuh (first three Fasls)

Musaddas-i-Hali (whole)

HINDI

(For Female Candidates)

1	Harischandra	Charitavali
2	Pratapnarayan Misra	Sangit Sakuntal
3	Lala Sitaram	Nitibatika

ASSAMESI

(For Female Candidates)

1 Mahabharat (Vanaparbha) selected pieces published by Shibnath Bhattacharyya

2 Nitisiksha, Part III, by Padmanath Barua

3 Sakuntala (Translation), by Lambodar Bora

KHASI.

(For Female Candidates)

Prose

1 Ka Kitab Niam-Khein Ki Khasi a book on the religion and social system of the Khasi people), by U Rabon Singh

2 Book of Job (in Khasi, page 620 of Khasi Bible) or Pilgrim's Progress (in Khasi)

Verse

3 Ka Jingsneng Tymmen, Part I, U Radhan Singh Berry (sayings of the Ancients)

4 Ka Jingsneng Tymmen, Part II, U Radhan Singh Berry (sayings of the Ancients)

PALI

Anderson's Pali Reader

The course also includes a knowledge of Pali Grammar of higher standard than that required at the Matriculation Examination

Grammar Recommended

E Muller . Pali Grammar

or

Satischandra Vidyabhushana Kaccayana

PERSIAN

University Selections compiled and edited by Dr. E D Ross, C I.E, Ph D omitting pages 1-11 and 62-76

ARABIC

University Selections compiled and edited by Dr E D Ross C.I E, Ph D. (the whole)

HEBREW

Genesis	. .	.. 15-37
Isaiah	. .	40-55
Psalms	.	90-100
The Book of Ruth		

SYRIAC

Paper I—Biblica (Peshitto version)

1	The Book of Acts	Ch I-XX
2	Psalms .. .	Ch. I-XXV

Paper II—Non-Biblical

1	Bar Hebraeus—Nomo Canon	Ch VII Sec I-V.
2	St Ignatius	
(i)	Epistle to Polycarp	
(ii)	Epistle to the Ephesians	
(iii)	Epistle to the Romans	

Grammar

Robinson s Syriac Grammar (whole)

CLASSICAL ARMENIAN

Prose

Moses of Khoren's History of Armenia, Part II

Poetry

Elishe Vardepiet Doorian's Course of Classical Armenian, Part II.

The Course also includes Armenian Grammar, of which a fuller knowledge will be required than at the Matriculation Examination.

GREEK

Plutarch	Pericles
Plato	Apologia
Homer	Odyssey, Book XI
Sophocles	Antigone

LATIN

Cicero	Pro Lege Manilia
Livy	Book XXI
Horace	Odes, III and IV

FRENCH

Michaud	Histoire de la Premiere Croisade, edited by A V Houghton (Macmillan)
H E Berthon	Specimens of Modern French Verse, Part II (Macmillan and Co)

GERMAN

Theodor Fontan	Vor Dem Sturm (Macmillan)
Schiller	Selections from Lyrical Poems, edited by Turner and Morshead (Macmillan)

The Course also includes German Grammar

HISTORY

The following books are recommended –

Paper I—History of England

G I Warner & C H K Marten	The Groundwork of British History
Gardiner	Students History of England

Paper II Greece and Rome

Bury	History of Greece for Beginners (N B —This book comes down only to 322 B C)
Smith ...	Smaller History of Greece, revised by Marindin
Smith	Smaller History of Rome, revised by Greenidge
Merivale and Puller	School History of Rome (only the portion from Actium to the end)
Breasted ...	Ancient Times (Greece and Rome) Chapters to be read will be prescribed later

LOGIC

The subject of Logic is to be studied as defined by the syllabus. Students are recommended to use one or more of the following books, or select portions thereof, with special reference to the course laid down in the syllabus—

Carveth Read	Logic, Deductive and Inductive
Bain	Logic (Deductive and Inductive)

Mitra (A C)	Principles of Logic (Deductive and Inductive)
P K Ray	Deductive and Inductive Logic
Prakaschandra Sinha	Tarka Vijnan

Preparatory reading —

Students are advised to read—

Creighton	Introductory Logic, Parts I and II
Jevons	Elementary Lessons in Logic

before joining the regular class

The following books are recommended for the guidance of teachers and for advanced reading

Hamilton ..	Lectures on Logic
Mill	System of Logic
Jevons	Principles of Science
Joseph	Logic
Bosanquet	Logic
Sigwart	Logic
Ueberweg	System of Logic and History of Logical Doctrines
Venn	Empirical Logic
Keynes	Formal Logic
Westaway	Scientific Method Its Philosophy and Practice
Welton	Logic, Vols I and II
Encyclopedia of the Philosophical Sciences	Volume on Logic
Lotze	Logic
Croce	Logic as the Science of Pure Concept
Hobhouse	Theory of Knowledge

I A AND I Sc EXAMINATIONS

MATHEMATICS

No text-books are prescribed The subject is to be taught in accordance with the syllabus prescribed in the Regulations

The following books are recommended -

Asutosh Mukhopadhyay	Geometry of Conics
Jessop and Havelock	Elementary Mechanics
D N Mallik	Elementary Dynamics
Loney	Elements of Statics and Dynamics
Turner and Bose	Intermediate Mechanics

GEOGRAPHY

Students who wish to offer Geography at the I A Examination are required to read—

A J Herbertson	The Oxford Geographies, Vol III

and the following books are recommended to be used by the students in studying the subject in accordance with the syllabus prescribed in the Regulations -

H R Mill	The Realm of Nature

or

Tarr		Physical Geography
Simons and Richardson	..	Introduction to Practical Geography
W. A Elderton		Maps and Map-drawing
Fanthorpe	...	Physical Atlas and Map-drwing
Blandford		Rudiments of Physical Geography for the use of Indian Schools
Bartholomew (with introduction by Lyde)		Economical Atlas (Oxford University Press)

PHYSICS

Aldous		Elementary Course of Physics
Rajanikanta De		Introduction to the Study of Sound
Glazebrooke		Heat
Glazebrooke		Light
Hadley		Elementary Electricity and Magnetism
Watson		Elementary Practical Physics

CHEMISTRY

W A Shenstone	..	Inorganic Chemistry
Perkin and Lean	..	Introduction to the Study of Chemistry
P C Ray		Elementary Inorganic Chemistry
P C. Ray	.	Practical Inorganic Chemistry
Haridas Saha and Kumudnath Chaudhuri		A course of Practical Chemistry for Intermediate Students
D N Mukherjee		Elements of Inorganic Chemistry
Donnington		A Class book of Chemistry (Parts I-IV) (Macmillan)

PHYSIOLOGY

Hill		Manual of Human Physiology
Huxley		Lessons in Elementary Physiology (latest edition

BOTANY

Farmer, J B		Practical Introduction to the Study of Botany (London, 1905)
Bailey, L H		Botany, an Elementary Text for Schools (New York, 1901)
Darwin, F	...	Elements of Botany (Cambridge, latest edition)
Fyson, P F		A Botany for India
Woodhead	...	The study of Plants

Candidates who take up Botany will be required to possess a special knowledge of the following Natural Orders of plants :--

(1) Cruciferae
(2) Malvaceae.
(3) Leguminosae
(4) Cucurbitaceae.
(5) Asclepiadaceae.
(6) Rubiaceae.
(7) Compositae
(8) Solanaceae
(9) Acanthaceae
(10) Euphorbiaceae
(11) Scitaminaceae
(12) Graminaceae

At the Intermediate Examinations in Arts and Science a study of the outline of the life history of the following "Selected Plants" is required to illustrate the gradual ascent in complexity of structure and reproductive cycle from the lowest fungi and algae to the phanerogams —

(1) Yeast
(2) Mucor or Euroteum
(3) Spirogyra
(4) A Moss
(5) A Fern
(6) Selaginella
(7) A Conifer
(8) A Monocotyledon
(9) A Dicotyledon

ZOOLOGY

J Arthur Thomson	Outlines of Zoology (such portions of it as are required in the Syllabus)
R E Lloyd	An Introduction to Biology for students in India
A D Imms	A Laboratory Sketch Book of Zoology for Indian Students (such portions of it as relate to the types prescribed in the Syllabus)

GEOLOGY

No text-books are prescribed or recommended The subject is to be studied with the help of the Syllabus prescribed in the Regulations

B A EXAMINATION, 1920

ENGLISH

Pass Course

Shakespeare	{ Merchant of Venice { Henry V
Milton	Paradise Lost, Books X, XI and XII
Palgrave	Golden Treasury of Songs and Lyrics Book IV
Burke	Speech on Conciliation with America
Landor	Imaginary Conversations (Published by the University)

Select English Speeches of the Nineteenth Century with introduction by C J Sisson (Oxford University Press)

Honours Course

(In addition to the books prescribed for the Pass Course)

Shakespeare	. Coriolanus
Greene	.. Friar Bacon and Friar Bungay
Shelley	. Adonais
Bryce	... Studies in Contemporary Biography
	or
Burke	. Speech on American Taxation
	and
Morley	. Burke (Englishmen of Letters Series)

The following books are recommended for the study of the Philology of the English Language and the History of English Literature —

Earle	... Philology of the English Tongue
Thomsôn	... Students' English Literature, founded upon the Manual of Thomas B Shaw
Saintsbury	Short History of English Literature

The following books are prescribed for candidates who take up the alternative paper in English —

Matthew Arnold	Essays in Criticism, Second Series (Essays I—VII only)
Ruskin	The Crown of Wild Olive (omitting the Essay on "The Future of England")

VERNACULAR COMPOSITION

BENGALI

(Books recommended to be read as presenting ideals of character and models of style)

Bankimchandra Chatterjee	Kapalkundala
Chandicharan Banerjee	Life of Vidyasagar
Rajendranath Vidyabhushan	Kalidasa

HINDI

(Books recommended to be read as presenting ideals of character and models of style)

Harischandra	Satya Harischandra
Lakshmana Sinha	Sakuntala
Mayasankar Dube	Swapna Vasabdatta

ASSAMESE

(Books recommended to be read as presenting ideals of character and models of style)

Selections from Katha Bhagabat—

1 Sri Krishner Janma
2 Kaliya-daman
3 Varsha aru Sarat Varnana

Selections from Ionaki -

1 Samsara Pravaha
2 Atma-Samyama
3 Sakuntala (by Lambodar Bora) (the whole)

BURMESE

(Books recommended to be read as presenting ideals of character and models of style)

Buridat Zat | Narada Zat

Zinatthapakathani

URIYA

(Books recommended to be read as presenting ideals of character and models of style)

Radhanath Ray — Mahajatra, Cantos I- IV
Raghuvansa, translated by Bichhanda Patnaik

URDU

(Books recommended to be read as presenting ideal of character and models of style)

Nairang-i khayal, by Azad
Ibn-ul-Waqt, by Nazir Ahmad
Selections of Urdu, by Jalaluddi Ahmad Jafri

NEPALI

(Books recommended to be read as presenting ideal of character and models of style)

Harihar Acharyya — (Sakuntlopakhyan
(Bidulaputra Sambad

SANSKRIT

Pass Course

Poetry

Manusamhita ... Chapters I and II with Kulluka's commentary
Sisupalabadha .. Cantos I and II with Mallinath's commentary

Drama

Abhijnanasakuntalam
Mudrarakshasa
Macdonell .. History of Sanskrit Literature (omitting Chapter II—IX)

Grammar

Panini Primer, by Debendrakumar Vidyaratna (for reference only)

Honours Course

(In addition to the books prescribed for the Pass Course.

Poetry

Bhattikavyam ... Cantos XII and XIII
Kadambari .. Pages 1—24, Bombay edition
Rigveda Samhita ... Hymns from the Rigveda, with Sayana's commentary, edited by Peterson, Part I, Suktas 1—12
Weber History of Sanskrit Literature (Trans by Mann & Zacharia, pp 1-171)

Grammar and Rhetoric

Siddhanta Kaumudi—Karaka and Samasa
Dandi—Kavyadarsa
Sahitya Darpan, Chapter VI
Students are recommended to consult Macdonell's Vedic Grammar

PALI

Pass Course

Poetry

Dhammapada	Khuddaka Patha

Prose

Milinda-panha (Trenckner's edition), pages 1—126
Dhammapada—Attha-Katha, Vol I, edited by Mr Norman in the P T S

Grammar

Rupasiddhi (Rangoon or Colombo edition)
Kielhorn's Sanskrit Grammar

COMPARATIVE PHILOLOGY

Sayce	Principles of Comparative Philology omitting the appendices)

Honour Course

(In addition to the book prescribed for the Pass Course)

Mahavamsa	Chapters 1—5
Dighanikaya	Mahagovinda Sutta, Mahaparinibbana Sutta
Rhys Davids	Buddhist India

PERSIAN

Pass Course

Persian Selections compiled by Shams-ul-Ulama Ahmad and Shams-ul Ulama Mirza Ashraf Ali, omitting the following portions from the Poetry pieces —

Shah Nama	Pages 140-152 (12 pages) from Nama-i Kaus to Rustom
Masnavi Rum	Pages 167-180 (14 pages) from Fil Munajat
Qaani	Pages 201-208 (8 pages)
Hafez	pages 227-240 (14 pages) from Radif-i-Dal

The Pass Course includes the elements of Persian Prosody and Rhetoric and a knowledge of Arabic Grammar up to the Intermediate Standard

Honours Course

(In addition to the pieces selected for the Pass Course)

The Honours Persian Course compiled by Lieutenant-Colonel D C Phillot, I.A

The Honours Course includes the Outlines of Mahomedan History in so far as it relates to Persia, Central Asia and India and the History of Persian Literature

Arabic

Pass Course

Selections in Arabic compiled by Shams-ul-Ulama Ahmad and Shams-ul-Ulama Mirza Ashraf Ali and prescribed for the B A Pass Examination in 1910-11, Parts I and II

Grammar

Arabic Grammar according to Modern Method, to be published by the University

Honours Course

(In addition to the books prescribed for the Pass Course)

University Selections to be compiled and edited by Shams-ul-Ulama Ahmad and Sham ul-Ulma Abu Nasr Muhammad Waheed, M A

The Honours Course in Arabic also includes the elements of Arabic Prosody and Rhetoric the outlines of Mahomedan History down to the fall of the Abbasid Caliphate and a general konwledge of the History of Arabic Literature

Classical Armenian

Pass Course

Poetry

Bagratoonie's translation of Paradise Lost, Books IX, X, XI and XII

Prose

Agathangalos's History, Parts I and III
Moses of Khoren's History
The course includes the History of Armenia

Honours Course

(In addition to the book prescribed for the Pass Course)

Poetry

Bagratoonie's Haik Dientsazn, Books I, II, III, IV and V

Prose

John Catholicas | Elishe

The course includes the History of Armenian Literature and the Elements of Armenian Philology

Hebrew

Pass Course

Judges and I Samuel

Psalms	I-XLI
Proverbs	1-20

Honours Course.

(In addition to the books prescribed for the Pass Course)

Two of the minor prophets, Amos and Hosea

SYRIAC

Pass Course

Paper I

The Book of Leviticus (the Peshitto Version)
The Epistle to the Hebrews (the Peshitto Version)
The Liturgy to S James

Paper II

Mar Ephrem The Epistle to Montanos Opera Selecta overbeck)
The Book of the Dead

Paper III

Wright History of Syriac Literature

Recommended—

Noldeke Compendious Syriac Grammar

Honours Course

(In addition to the books recommended for the pass Course)

Paper II

Philoxinos of Mabbogh Discourses on Poverty (Royal Society of Literature)

Bar Hebraeus Homilies on the Passion

Paper I

Select Narrative of Holy Women—Lugenia (Studia Sinaitica No IV)
Eusebius—Ecclesiastical History Books I-III (Wright and McLean)

Paper II

A Fortescue The Orthodox Eastern Church
A Fortescue The Lesser Eastern Churches

GREEK

Pass Course

Homer	Iliad, Books II and III
Sophocles	Antigone
Plato	Meno
Demosthenes	Phillipics, I, II and III

Honours Course

(In addition to the books prescribed for the Pass Course)

Æschylus	Prometheus Vinctus
Aristophanes	Acts
Thucydides	Book I, Chapters 1—80

Permanent Subjects

The following books may be consulted –

Philology of the Greek Language

Giles	Comparative Philology

History of Classical Greek Literature –

Murray	Greek Literature

LATIN

Pass Course

Cicero	Second Philippic
Livy	Book XXI
Virgil	Aeneid, Books XI and XII
Horace	Epistles, Book I

Honours Course

(In addition to the books prescribed for the Pass Course)

Lucretius	Book I
Seneca	Epistola
Cicero	Letters (Tyrrell's Selections)
Tacitus	Historiae Book I
Virgil	Georgics

Permanent Subjects

The following books may be consulted—

Philology of the Latin Language —

Lindsay	Historical Latin Grammar

History of Latin Literature to the end of the Augustan Period

Mackail	Latin Literature

FRENCH

Pass Course

Alphonse Daudet	Lettres de Mon Moulin, edited by C H Clarke (Macmillan)
Thierry	Lettres sur l'Histoire de France, edited by Masson and Prothero
Berthon	Specimens of Modern French Verse, Part I
Rostand	Cyrano de Bergerac

The Course also includes French Grammar and the outlines of French History

Honours Course

(In addition to the books prescribed for the Pass Course)

Corneille	Cid
Molière	L'Ecole des Femmes
Victor Hugo	Notre Dame de Paris

The course also includes French Grammar and the outlines of French History and also the elements of French Philology and the History of a selected period of French Literature

Grammar recommended

V de Vivas . Grammaire des Grammaires

Text-book in French Philology recommended —

Darmesteter — Historical French Grammar
Brachet ... Grammaire Historique de la Langue Francaise

The period of French Literature selected for 1920 is the 17th century

GERMAN

Pass Course

Heinrich von Kleist — Michael Kohlhaas
Schiller — Wallenstein's Tod
Hauff . Das Wirtshaus Im Spessart, edited by G F Fasnacht (Macmillan & Co)

The course includes, in addition to the prescribed texts, Grammar in the outlines of German History

Honours Course

(In adition to the books prescribed for the Pass Course)

Goethe — Iphigenie auf Tauris
Lessing — Nathan der Weise
Paul Heyse — Kinder der Welt

The course includes in addition to the prescribed texts Grammar and the outlines of German History and also the elements of German Philology and the History of a selected period of German Literature

Grammar recommended

J Wright — Historical German Grammar (The period selected for 1920 is 1750—1882)

HISTORY

Pass Course

Paper I

Lodge — Modern Europe

(Students are recommended to use the volumes included in the period of European History Series and use an Historical Atlas like Dow's An Historical Atlas of Modern Europe from 1789 by Robertson may also be usefully consulted for the period which it covers)

Paper II

Period—The Age of Elizabeth

(i) Green's History of the English People, Book VI, Chapters III—VII

(ii) The Age of Elizabeth, by Creighton (Epoch of Modern History Series)

(iii) Elizabeth (Twelve English Statesmen Series) for Beesly. Students and teachers may refer to-

(a) Froude's History of England
(b) Cambridge Modern History Vol III Chapter VIII—XI
(c) Political History of England, Vol VI

Paper III

Vincent Smith	Early History of India
Elphinstone	History of India omitting Book V Chapter I
A D. Innes	History of British India

Honours Course

(In addition to the books prescribed for the Pass Course)

Paper IV

Period from 479—404 B C

Bury	History of Greece
Holm	Ditto
Grote	Ditto

Paper V

Period from 264—140 B C

Shuckburgh	History of Rome
Mommsen	History of Rome translated by Dickson

Paper VI

Hallam	Europe during the Middle Ages
Myers	History of Middle Ages

Students are advised to refer to—

Church and State in the Middle Ages—Ford Lectures by A J Smith

POLITICAL ECONOMY AND POLITICAL PHILOSOPHY

Pass Course

Paper I

Marshall	Economics of Industry
Gide	Principles of Political Economy (Archibald's edition)
Jevons	Money

Paper II

Garner	Introduction to Political Science
Woodrow Wilson	The State
Ilbert	Parliament its History, Constitution and Practice (Home University Library)
Bryce	Hindrances to Good Citizenship

The Indian Constitution—

Imperial Gazetteer, Vol IV, pages 14—40

Paper III

(Application of the Principles of Political Economy to Indian Topics)
Imperial Gazeteer Vols. III and IV

Vol III, Chapters I—VII, IX—X
Vol IV, Chapters VI—VIII, XVI

Keynes — Indian Currency and Finance

Land Revenue Administration (Calcutta University publication)
Land Revenue Policy of the Government of India 1902
Co-operative Credit Movement in India, by P. Mookerjee

Morison .. Economic Transition in India
Wolff — People's Banks

Honours Course

(In addition to the books recommended for the Pass Course)

Paper I

Withers — Meaning of Money
R T. Ely — Outlines of Economics revised and enlarged by Ely Adams, Lorenz and Young (Macmillan & Co)

Paper II

Jenks — Principles of Politics
Alston — Modern Constitution

Paper III

Census of India Report, 1911, Chapter XII

Paper IV

Flux — Economic Principles
Pierson — Principles of Economics

Paper V

Specially selected texts—

Aristotle — Politics (translated by Welldon or Jowett)
Hobbes — Leviathan

Paper VI

(*Essays*)

Books recommended for the guidance of teachers—

Mill — Political Economy
Nicholson — Principles of Political Economy
Sidgwick . Development of European Polity
Marshall — Principles of Economics
Green — Principles of Political Obligation
Pollock - Introduction to the History of the Science of Politics
Ranade — Essays on Indian Economics
Moreland — Introduction to Economics for Indian Students
Baden-Powell . Land Systems of British India, 3 vols.

Fifth Report of the Select Committee of the House of Commons, 1812 (Extracts and Documents published by the Calcutta University)

Field	Introduction to Bengal Regulations
R. C Dutt	India in the Victorian Age
R. C Dutt	The Economic History of India under Early British Rule
R C. Dutt	Famines in India
Bryce	American Common wealth (Revised edition)
Strachey	India
A Lawrence Lowell	Government and Parties in Continental Europe (2 vols) Longmans, Green & Co)
J A R Marriott	English Political Instructions
Palgrave	Dictionary of Political Economy
Barker	Political Thoughts of Plato and Aristole
Wolff	Co-operation in Agriculture
Nicholson	Report on Agricultural Banks

Review of Trade of India, 1913-14
Currency Commission's Report, 1893
Currency Committee's Report, 1898
Report of the Royal Commission on Currency and Finance, 1914
Fifth Decennial Report on Moral and Material Progress, 1913
Report of the Irrigation Commission, 1903
Reports of the Famine Commission, 1898 and 1901

Keatinge	Rural Economy in the Bombay Deccan
Temperley	Senates and Upper Chambers
Robertson	Report on Railway Administration
Williams	The Economics of Railway Transport

Mental and Moral Philosophy

The following books are recommended to be used in studying the subject of Mental and Moral Philosophy as defined by the Syllabus

Psychology

Pass and Honour

Hoffding	Outlines of Psychology
Wundt	Human and Animal Psychology
Stout	Manual of Psychology
James	Text-book of Psychology
Stephen	Elements of Analytical Psychology (3rd edition)
Sully	Outlines of Psychology
Mitra (A C)	Elements of Psychology (2 vols)
Aagell	Psychology

Preparatory Reading before joining the regular class—students are advised to read—

Titchener	Primer of Psychology
Sarat Chandra Brahmachari	Vyavabarik Manobijnan (Practical Psychology)
McDougall	Psychology (Home University Library)

Ethics

Pass and Honours

Seth	Study of Ethical Principles
Martineau	Types of Ethical Theory
Mackenzie	Manual of Ethics
Mitra (A C)	Elements of Morals

Preparatory Reading before joining the regular class—students are advised to read

Muirhead	Elements of Ethics
Mohichandra Sen	Elements of Moral Philosophy

General Philosophy

Pass and Honours

Kulpe	Introduction to Philosophy
Marvin	Introduction to Philosophy
Paulsen	Introduction to Philosophy
Watson	An Outline of Philosophy

Preparatory Reading before joining the regular class—students are advised to read

Croom Robertson	Elements of General Philosophy
Stephen	Problems of Metaphysics

Natural Theology

Honours

Martineau	Study of Religion
Flint	Theism and Antitheistic Theories
Fraser	Philosophy of Theism

Preparatory Reading before joining the regular class—students are advised to read—

Roger	Religious Conception of the World
Armstrong	God and the Soul
Bunyendranath Sen	Intellectual Ideal

History of Philosophy

Honours

The following books are recommended

Webb	History of Philosophy
Falckenberg	History of Modern Philosophy
Thilly	History of Philosophy (Bell & Sons)

Preparatory Reading

Schwegler	History of Philosophy
Roger	History of Philosophy

SPECIAL TEXT

Honours

Rand		Modern Classical Philosophers (Selections from Bacon, Descartes, Spinoza, Locke, Berkeley, Hume and Kant)
Green	.	Prolegomena to Ethics, Book I

B A AND B Sc EXAMINATIONS, 1920

MATHEMATICS

Pass Course

The following books are recommended :-

1 Higher Plane Trigonometry—

Todhunter	,	Plane Trigonometry, edited by Hogg
Loney	,	Plane Trigonometry

2 Plane Analytical Geometry—

C Smith	Elementary Treatise on Conic Sections
Loney	Elements of Co-ordinate Geometry

3 Differential Calculus

Edwards	Differential Calculus for Beginners
Ganesh Prasad	Differential Calculus
Taylor	Differential and Integral Calculus and Differential Equations

4 Integral Calculus and Differential Equations—

Edwards	Integral Calculus for Beginners
Taylor	The Differential and Integral Calculus and Differential Equations
Ganesh Prasad	Integral Calculus

5 Hydrostatics—

Besant	Elementary Hydrostatics
Loney	Elements of Hydrostatics

6 Astronomy

Parker	...	Elements of Astronomy

Students are recommended to use "Stars in the Northern Tropics" by T Bhattacharyya.

Honours Course

1. Higher Algebra—

Hall and Knight	...	Higher Algebra
C Smith		A Treatise on Algebra

2 Elementary Theory of Equations—

Cajori	Introduction to Theory of Equations Chapters I—VII

3	Higher Plane Trigonometry -	
	Todhunter	Plane Trigonometry, edited by Hogg
4	Plane Analytical Geometry-	
	C Smith	Elementary Treatise on Conic Sections
	Salmon	Conic Sections
	Askwith	Plane Co-ordinate Geometry
5	Elementary Solid Geometry-	
	C Smith	Elementary Treatise on Solid Geometry
	Bell	Analytical Geometry of Three Dimensions
6	Elementary Principles of Vectors	
	Kelland and Tait	Introduction to Quaternions, 3rd edition edited by Knott
	Henrici and Turner	Vectors and Rotors
7	Differential Calculus--	
	Williamson	Differential Calculus
8	Integral Calculus and Differential Equation—	
	Williamson	Integral Calculus
	Murray	Introductory Course in Differential Equations
9	Statics -	
	Minchin	Statics, Volume I
	Lamb	Statics
10	Dynamics of a Particle —	
	Loney	Dynamics of a Particle
	Lamb	Dynamics
	Cox	Mechanics
11	Hydrostatics -	
	Besant	Elementary Hydrostatics
	Loney	Elements of Hydrostatics
	Minchin	Hydrostatics, Part I
12	Astronomy	
	Parker	Elements of Astronomy
	Young	Manual of Astronomy
	Bryan	Astronomy

Candidates are recommended to use "Stars in the Northern Tropics" by I Bhattacharyya.

N B—Candidates who take up Mathematics at the B A or B Sc Examination are recommended to refer to Saxelby's Practical Mathematics

PHYSICS

Pass Course

Hadley	Magnetism and Electricity for Students
Watson	Text book of Physics

Pass Practical

Schuster and Lees	Advanced Exercises in Practical Physics
Harrison	A Course of Practical Physics
Glazebrook and Shaw	Practical Physics
Allen and Moore	A Text-book of Practical Physics (Macmillan & Co)

Honours Course

(In addition to the books prescribed for the Pass Course)

Poynting and Thomson	Sound
Edser	Heat for Advanced Students
Maxwell	Theory of Heat
Edser	Light for Students
Foster and Porter	Elementary Treatise on Electricity and Magnetism
Wagstaff	Properties of Matter

Honour Practical

Watson	Text book on Practical Physics
Henderson	Practical Physics

N B —Candidates who take up the Honours Course in Physics at the B A or B Sc Examination are recommended to refer to Saxelby's Practical Mathematics

CHEMISTRY

Pass Course

Newth	Inorganic Chemistry
Holleman	Organic Chemistry
Francis Jones	Practical Chemistry
Alexander Smith	.. General Inorganic Chemistry
F Mollwo Perkin	Qualitative Chemical Analysis—Organic and Inorganic
J B Cohen	Theoretical Organic Chemistry

Honours Course

(In addition to the books recommended for the Pass Course)

H C Jones	Elements of Physical Chemistry
Ostwald	Foundations of Analytical Chemistry
J Wade	Introduction to the Study of Organic Chemistry
Clowes and Coleman	Quantitative Analysis
Cohen	Practical Organic Chemistry
Caven and Landor	Systematic Inorganic Chemistry
Ostwald	Outlines of General Chemistry
J Walker	Introduction to Physical Chemistry
F. Mollwo Perkin	Practical Methods of Inorganic Chemistry

N B —Candidates who take up Chemistry at the B A or B Sc Examination are recommended to refer to Saxelby's Practical Mathematics

BOTANY

Pass Course

Vines, S H	An Elementary Text-book of Botany, (London, 1905)
Scott, D H	Structural Botany, 2 Vols (London, 1904-06)
Darwin F., and Acton, G H	Practical Physiology of Plants (Cambridge latest edition)
Prain, D	Bengal Plants (Calcutta, 1903)

or

Roxburgh	Flora Indica, edited by C B Clarks (Calcutta, 1874)
Strasburger and Hill-house	Practical Botany (latest edition)

Honours Course

(In addition to the text books for the Pass Course)

Strasburger, E	Text-book of Botany translated by Porter revised by Lang (Third Edition, London)
Reynolds Green, J	Vegetable Physiology
Schimper, A F W	Geography of Plants
Stopes	Fossil Botany
Bower	Practical Botany

PHYSIOLOGY

Pass Course

Halliburton	Hand-book of Physiology
Howell	Text-book of Physiology

Practical

Schafer — Essentials of Histology and

either

Milroy — Practical Physiological Chemistry

or

Halliburton — Essentials of Chemical Physiology

and

Brodie — Essentials of Experimental Physiology

or

Beddard, Edkins, Hill, Pembrey and Macleod Practical Physiology

Honours Course

(In addition to the books recommended for the Pass Course)

Starling	Principles of Human Physiology
Hill	Recent Advances in Physiology
Do	Further Advances in Physiology

Practical

The same as for the Pass Course

SYLLABUS IN EXPERIMENTAL PHYSIOLOGY.

Pass Course

The induction coil, single shocks, short circuiting key, effect of single shocks on the tongue, break-shock is stronger than the make-shock Helmholtz's Modification, Neef's Hammer

Pithing a frog, nerve muscle preparation Mechanical, Chemical, thermal and electrical stimulation of muscle and nerve

The graphic method, simple lever, crank lever (myograph), moist chamber minimal and maximal excitation with single induction shocks (make and break) Stimulation by constant current contraction of muscle only at make and break

The muscle curve—Single contraction of a frog's muscle, the latent period, the period of contraction and the period of relaxation Time-tracing by tuning-fork Method of after-loading The influence of temparature and of load on muscular contraction The work performed by a muscle during a twitch

Elasticity and extensibility of muscle

Summation of muscular contraction tetanus

Fatigue of muscle

Thickening of a muscle on contraction

Bernard's curare experiment

Stimulation of a motor nerve unequal excitability (greater nearer the centre of a motor nerve) excitability of flexor and extensor nerves

Velocity of nerve-impulse (myographic method)

Electro-Physiology Galvani's experiment of contraction with metals Galvani's experiment of contraction without metals

The Frog's heart Beating of the heart effect of heat and cold (heart in situ) section of the heart effect of heat and cold on excised heart

Stannius experiment

Graphic record of the beat of the heart (suspension method and also direct registration with heart lever)

Pulse-Sphygmographic tracing

Blood-pressure in man, Sphygmometer and Sphygmomanometer

Reflex action (simple experiments on a pithed frog)

Vision—Accommodation, Scheiner's experiment, near and far point

Purkinje-Sanson's images Phakoscope Blind spot Yellow spot, Colour vision Complementary colours

Honours Course

Additional Experiments—

The induction coil—Break extra current of Faraday

The Rheonome, Effect of sudden variation of current

Isotonic and Isometric contraction

Influence of veratrine on muscular contraction

Indefatigability of nerve

Excitation of muscle by constant current Polar excitation of a Muscle

Electronus Electrotonic changes in excitability and conductivity of a nerve

Kuhne's experiment of contraction without metals

Examination of currents in muscle, nerve and heart by means of the reflecting galvanometer

Frog's heart—Minimal stimulus causes maximal contraction

"Staircase effect" Single contraction of the ventricle

Tetanisation, Refractory period, Stimulation of the vagus

Action of drugs (Muscarine digitalin Pilocarpin and Atropin) on the heart

Voice and Speech Laryngoscope

Vision Ophthalmoscope Perimeter

Zoology

Pass Course

Boas	Text-book of Zoology
Shipley and MacBride	Zoology
Oskar Hertwig and H J Campbell	The Cell
R F Lloyd	An Introduction to Biology for students in India
P J Parker and W N Parker	An Elementary Course of Practical Zoology
Foster and Balfour	The Elements of Embryology (edited by Sedgwick and W Heape)
Wallace	Darwinism
A D Imms	A Laboratory Sketch-book of Zoology for Indian students

Honours Course

(In addition to the books prescribed for the Pass Course)

Miall and Hammond	The Structure and Life-History of the Harlequin Fly
Miall and Denny	The Cockroach

Geology

No text-books are prescribed or recommended The subject is to be studied with the help of the Syllabus prescribed in the Regulations

B Sc. EXAMINATION

Experimental Psychology

The subject is to be studied as defined by the Syllabus Students are recommended to use one or more of the following books —

Pass Course

I —General Psychology —

Yerkes	Introduction of Psychology
Wundt	Human and Animal Psychology
Titchener	Text book of Psychology
Lockley	The Nervous System (Longmans & Co)

Preparatory Reading—Students are advised to read Titchener's Primer of Psychology before joining the regular class

II —Experimental Psychology—

Sanford	Course in Experimental Psychology
Myers	Text-book of Experimental Psychology, Part I Text-book

Preparatory Reading Students are advised to read Myers Primer of Experimental Psychology before joining the regular class

Laboratory Course—Titchener's Experimental Psychology Vol I, Part I and Vol II, Part I (Student's Manual, Qualitative and Quantitative)

Myers—Text-book of Experimental Psychology—Part II (Laboratory Course)

Honours Course

I —General Psychology —Same as in the Pass Course with the addition of Kulpe's Outlines of Psychology

II —Physiological and Comparative Psychology

Wundt ...	Principles of Physiological Psychology Vol I, Part I, 'The Bodily Substrate of Mental Life')
Ladd	Elements of Physiological Psychology
Thorndike	Animal Intelligence
Llyod Morgan	Comparative Psychology
M Greenwood (Jr)	Physiology of the Senses

III —Experimental Psychology—

In addition to the books recommended for the Pass Course, the following —

Scripture	New Psychology
Titchener	Lectures on the Psychology of the thought processes
Titchener	Instructor's Manual – Quantitative (Introduction)

B. A. EXAMINATION, 1921

English.

Pass Course

Shakespeare	Comedy of Errors (text is in the edition by Prof Scrimgeour, Calcutta University Press)
	Henry V
Milton	Comus
Palgrave	Golden Treasury of Songs and Lyrics Book IV (Oxford University Press)
Burke ..	Speech on Conciliation with America
Newman	Literary Selections (Selections 2-11) (Longman's Class Book of English Literature)
Asquith ...	Occasional Addresses, omitting Nos 5, 7 and 11
Selections from the Bible, Part III ..	Published by the University), pp 31 57, 88 90 96-97, 100-01, 114-15, 118-19, 121-23, 146-48, 168-73, 195-98, 204 06, 212 15, 226-29, 241-42, 250 52, (Students are expected t possess a general acquaintance with the Introduction in so far as it relates to the Old Testament)

Honours Course

(In addition to the books prescribed for the Pass Course)

Shakespeare	...	Coriolanus
Matthew Arnold	..	Merope
Sophocles		Electra (tr Whitelaw) edited by J C Collins, (Oxford University Press)
Palgrave		Golden Treasury of Songs and Lyrics —additional poems (Tennyson, Matthew Arnold D J Rossetti, Swinburne, E B Browning and Robert Browning only) (Oxford University Press
DeQuincey		Revolt of the Tartars the English Mail Coach

Representative Essays in Modern Thought—edited by Steeves and Ristine (American Book Co), Essays I, II, X, XVII and XVIII

or

Bryce		Studies in Contemporary Biography (Studies on Beaconsfield Trollope, J R Green, Jessel, Freeman, Bowen and Gladstone only)

The following books are recommended for the study of the Philology of the English Language and the History of English Literature

Trench	Study of Words (ed by Mayhew)
Bradley	Making of English
Long	English Literature (Ginn & Co)

The following books are prescribed for candidates who take up the alternative paper in English —

Matthew Arnold		Essays in Criticism, Second Series (Essays I-VII only)
Ruskin	.	The Crown of Wild Olive (omitting the Essay on the Future of England)

Vernacular Composition-

BENGALI

(*Books recommended to be read as presenting ideals of character and models of style*)

Bankimchandra Chatterji	...	Durgesanandini
Chandicharan Banerjee		Life of Vidyasagar
Rajendranath Vidyabhushan	.	Tapoban

HINDI

(*Books recommended to be read as presenting ideals of character and models of style*)

Harischandra		Satya Harischandra
Lakshman Sinha	..	Sakuntala
Mayasankar Dube		Swapna Vasabdatta

ASSAMESE.

(Books recommended to be read as presenting ideals of character and models of style)

Gunabhiram Barooah	..	Life of Anandaram Dhekeal Phukan
Lambodar Borah		Sakuntala
Lakhenath Bezbaruya		Padamkumari

BURMESE

(Books recommended to be read as presenting ideals of character and models of style)

Buridat Zat | Narada Zat

Zinatthapakathani

URIYA

(Books recommended to be read as presenting ideals of character and models of style)

Radhanath Ray	..	Mahajatra, Cantos I—IV
Raghuvansa, translated by Bichhanda Patnaik		

URDU

(Books recommended to be read as presenting ideals of Character and Models of Style)

Azad	Nairang-i-Khayal
Nazir Ahmad	Ibn-ul-Wagh
Jalaluddin Ahmad Jafri	Elections of Urdu

SANSKRIT

Pass Course

Paper I

Manusamnita	Chapters I and II, with Kulluka's commentary
Sisupalabadha	Cantos I and II, with Mallinatha's commentary

Paper II

Abhijnanasakuntalam	Ratnavali

Paper III

Macdonell	History of Sanskrit Literature (omitting Chapters II-IX)

Panini Primer, by Debendrakumar Vidyaratna (for reference only)

Honours Course

(In addition to the books prescribed for the Pass Course)

Paper IV

Bhattikavyam	Cantos XII and XIII
Kadambari	Pages 1—24 (Bombay edition)

Paper V

Rigveda Samhita	... Hymns from the Rigveda, with Sayana' commentary, edited by Peterson, Part I, Suktas 1-12
Weber	History of Sanskrit Literature (Iran Mann, and Zacharia, pp 1—171)

Students are recommended to consult Macdonell's Vedic Grammar for students

Paper VI

Siddhanta Kaumudi— Karaka and Samasa
Dandi— Kavyadarsa
Sahitya Darpan, Chapter VI

PALI

Pass Course

Poetry

Dhammapada	.. Khuddaka Patha

Prose

Milinda-panha (Trenckner's edition), pages 1—126
Dhammapada—Attha Katha, Vol I, edited by Mr Norman in the P T. S

Grammar

Rupasidhi (Rangoon or Colombo edition)
Kielhorn's Sanskrit Grammar

Comparative Philology

Sayce	. Principles of Comparative Philology (omitting the appendices)

Honours Course

(In addition to the books prescribed for the Pass Course

Mahavamsa	Chapters 1—5
Dighanikaya	Mahagovinda Sutta Mahaparinibana Sutta
Ryhs Davids	... Buddhist India

PERSIAN

Pass Course

Persian Selections compiled by Shalms-ul-Ulama Ahmad and Sham-ul-Ulama Mirza Ashraf Ali, omitting pp 1-51 (the Arabic portion) and the following portions from Poetry pieces -

Shah Nam	Pages 140-152 12 pages) from Nama-i-Khans to Rustom
Masnavi Rum	Pages 167-180 (14 pages) from Fil unajat
Qaani	201 208 (8 pages)
Hafez	Pages 227-240 (14 pages from Radi-i-Dal

The Pass Course includes the elements of Persian Prosody and Rhetoric and a knowledge of Arabic Grammar up to the Intermediate standard

Honours Course

(In addition to the pieces selected for the Pass Course)

The Honours Persian Course compiled by Lt Col D C Phillot, I.A

The Honours Course includes the Outlines of Mahomedan History in so far it relates to Persia, Central Asia and India, and the History of Persian Literature.

ARABIC

Pass Course

Selections in Arabic compiled by Shams-ul-Ulama Ahmad and Shams-ul-Ulama Mirza Ashraf Ali and prescribed for the B A Pass Examination in 1910-11, Parts I and II

Grammar

Arabic Grammar according to Modern Method, to be published by the University

Honours Course

(In addition to the books prescribed for the Pass Course)

University Selections to be compiled and edited by Shams ul-Ulama Ahmad and Shams-ul-Ulama Abu Nasr Mahammad Waheed, M A

The Honours Course in Arabic also includes the elements of Arabic Prosody and Rhetoric, the Outlines of Mahomedan History down to the fall of the Abbasid Caliphate, and a general knowledge of the History of Arabic Literature

CLASSICAL ARMENIAN

Pass Course

Poetry

Bagratoonie's translation of Paradise Lost, Books IX, X, XI and XII

Prose

Agathangelos's History, Parts I and III
Moses of Khorene's History
The course includes the History of Armenia

Honours Course

(In addition to the books prescribed for the Pass Course)

Poetry

Bagratoonie's Hark Dienutzin Books I II, III, IV and V

Prose

John Catholicas | Elishe

The course includes the History of Armenian Literature and the Elements of Armenian Philology

HEBREW

Pass Course

Judges and I Samuel
Psalms—I-XII
Proverbs—I-10

Honours Course

(In addition to the books prescribed for the Pass Course)

Two of the minor prophets, Amos and Hosea

SYRIAC.

Pass Course

Paper I.

The book of Leviticus (the Peshitto Version)

The Epistle to the Hebrews the Peshitto Version)

The Liturgy of S James

Paper II

Mar Ephrem . The Epistle to Montanos (Opera Selecta Overbeck)

The Book of the Dead

Paper III

Wright — History of Syriac Literature

Recommended—

Noldeke — Compendious Syriac Grammar

Honours Course

(In addition to the books recommended for the Pass Course)

Paper IV

Philexinos of Mabbogh — Discourses on Poverty (Royal Society of Literature)

Chronicles of Bar Hebraeus (Bernstein's Chrestomathie)

Paper V

Select Narratives of Holy Women—Eugenia (Studia Sinaitica, No, IV)

Eusebius—Ecclesiastical History, Books I-III (Wright and McLean)

Paper VI

A. Fortescue . The Orthodox Eastern Church

A. Fortescue — The Lesser Eastern Churches

GREEK.

Pass Course

Homer — Iliad, Book IX

Aristophanes — Frogs

Plato — Laches

Demosthenes ... Phillipics, I, II and III

Honours Course.

(In addition to the books prescribed for the Pass Course)

Æschylus — Prometheus Vinctus

Thucydides — Book VII

Permanent Subjects

The following books may be consulted —

Philology of the Greek Language—

Giles . . Comparative Philology

History of Classical Greek Literature—

Murray . . Greek Literature

LATIN

Pass Course.

Cicero	Pro Roscio
Livy	Book I
Virgil	Aeneid, Books VII and VIII
Horace	... Epistles, Book I

Honours Course

(In addition to the books prescribed for the Pass Course)

Lucretius	Book V
Tacitus	Annals, Books I and II
Virgil	.. Georgica
Terence	Adelphi
Pliny	Letters, Book I

Catullus Poems, edited by F P Simpson (Macmillan & Co)

Permanent Subjects

The following books may be consulted —

Philology of the Latin Language —

Lindsay . . Historical Latin Grammar

History of Latin Literature to the end of the Augustan Period- -

Mackail . . Latin Literature

FRENCH.

Pass Course

Alphonse Daudet	. Lettres de Mon Moulin, edited by C H. Clarke (Macmillan)
Thierry	Lettres sur l' Histoire de France, edited by Masson and Prothero
Berthon	... Specimens of Modern French Verse, Part I
Rostand	. Cyrano de Bergerac

The course also includes French Grammar and the outlines of French History

Honours Course

(In addition to the books prescribed for the Pass Course).

Corneille	. Cid
Molière	L Ecole des Femmes
Michelet	Louis XI, et Charles Le Temeraire, edited by E Renault (Clarendon Press)

The course includes French Grammar and the outlines of French History and also the elements of French Philology and the history of a selected period of French literature

Grammar recommended

V de Vivas	Grammaire des Grammaires

Text book in French Philology recommended—

Darmesteter	Historical French Grammar
Brachet	Grammaire Historique de la Langue Française

The period of French Literature selected for 1921 is the 17th century

GERMAN

Pass Course

Heinrich von Kleist	Michael Kohlhaas
Schiller	Wallenstein's Tod
Hauff	Das Wirtshaus Im Spessart, edited by G E Fasnacht (Macmillan & Co)

The course includes, in addition to the prescribed texts, Grammar and the outlines of German History

Honours Course

(In addition to the books prescribed for the Pass Course)

Goethe	Iphigenie auf Tauris
Lessing	Nathan der Weise
Paul Heyse	Kinder der Welt

The course includes, in addition to the prescribed texts, Grammar and the outlines of German History, and also the elements of German Philology and the history of a selected period of German Literature

Grammar recommended

J Wright	Historical German Grammar (The period selected for 1921 is 1750—1882)

HISTORY

Pass Course

G B Adams	European History, an outline of its development
P F N Myers	Mediaeval and Modern History, Part I

Paper II

Period—The Age of Elizabeth

(*i*) Green's History of the English People, Book VI, Chapters III – VII

(*ii*) The Age of Elizabeth, by Creighton (Epochs of Modern History Series)

(*iii*) Elizabeth (Twelve English Statesmen Series, by Beesly)

(*iv*) J R Seeley –Growth of the British Policy (The portions relating to Elizabethan age)

Paper III

Vincent Smith	Early History of India
Elphinstone	History of India, omitting Book V, Chapter I
A D Innes	History of British India

[Candidates who take up Honours Course are recommended to read Dutt's Ancient Civilization of India—

Book I, Chapter V
" II, Chapters V-VI
" III, " III-VI
" IV, " VIII-XI
" V, " VIII, XV and XVI

Honours Course

(In addition to the books prescribed for the Pass Course)

Paper IV

Period from 479—404 B C —

Bury	History of Greece
Grote	History of Greece
Zimmern	The Greek Commonwealth

Paper V

Period from 264—146 B C —

Shuckburgh	History of Rome
Mommsen	History of Rome, translated by Dickson

Paper VI

Hallam	Europe during the Middle Ages
Myers	History of Middle Ages

POLITICAL ECONOMY AND POLITICAL PHILOSOPHY

Pass Course

Paper I

Marshall	Economics of Industry
Gide	Principles of Political Economy (Archibald's edition)
Jevons	Money

Paper II

Garner	Introduction to Political Science
Woodrow-Wilson	The State
Ilbert	Parliament, its History, Constitution and Practice (Home University Library)
Bryce	Hindrances to Good Citizenship

The Indian Constitution—

Report on Indian Constitutional Reforms (1918), Chapters I to V

Paper III

(Application of the Principle of Political Economy to Indian Topics)

Imperial Gazetteer, Vol III, Chapters I—VII, IX—X

Keynes	Indian Currency and Finance

Land Revenue Administration (Calcutta University publication)
Land Revenue Policy of the Government of India, 1902.
Co-operative Credit Movement in India, by P Mookerjee

Morison	Economic Transition in India
Wolff	People's Banks
P. Banerjea	Study of Indian Economics
J. C Jack	. The Economic Life of a Bengal District
C J Hamilton	. Indian Trade and the Tariff

Honours Course

(*In addition to the books recommended for the Pass Course*)

Paper I

Withers	. Meaning of Money
R. T. Ely	Outlines of Economics, revised and enlarged by Ely, Adams, Lorenz and Young (Macmillan & Co)

Paper II.

Jenks	Principles of Politics
Alston	Modern Constitution

Paper III

Census of India Report, 1911, Chapter XII

Paper IV

Flux	Economic Principles
Pierson	Principles of Economics

Paper V

Specially selected texts—

Aristotle	Politics (translated by Welldon or Jowett)
Hobbs	Leviathan

Paper VI

ESSAYS

Books recommended for the guidance of Teachers—

Mill	... Political Economy
Nicholson	Principles of Political Economy
Sidgwick	Development of European Polity
Marshall	Principles of Economics
Green	Principles of Political Obligation
Pollock	.. Introduction to the History of the Science of Politics

Ranade	..	Essays on Indian Economics
Moreland	..	Introduction to Economics for Indian Students
Baden-Powell	.	Land Systems of British India, 3 vols.
Ilbert		Mechanism of Law Making
Das Gupta	...	India in the Seventeenth Century
Loveday		Famines in India

Fifth Report of the Select Committee of the House of Commons, 1812

(Extracts and Documents published by the Calcutta University)

Field		Introduction to Bengal Regulations
R C Dutt	.	India in the Victorian age
R C Dutt		The Economic History of India under Early British Rule
R C Dutt	.	Famines in India
Bryce	...	American Commonwealth (Revised edition)
Strachey		India
A Lawrence Lowell	.	Governments and Parties in Continental Europe (2 vols) (Longmans, Green & Co)
J A R Marriott	...	English Political Institutions
Palgrave	.	Dictionary of Political Economy
Barker		Political Thoughts of Plato and Aristotle
Wolff		Co-operation in Agriculture
Nicholson	.	Report on Agricultural Banks

Review of Trade of India, 1913-14
Currency Commission's Report, 1893
Currency Committee's Report, 1898
Report of the Royal Commission on Currency and Finance, 1914.
Fifth Decennial Report on Moral and Material Progress, 1913
Report of the Irrigation Commission, 1903
Reports of the Famine Commission, 1898 and 1901.

Keatinge		Rural Economy in the Bombay Deccan
Temperley		Senates and Upper Chambers
Robertson	..	Report on Railway Administration
Williams	...	The Economics of Railway Transport

MENTAL AND MORAL PHILOSOPHY.

The following books are recommended to be used in studying the subject of Mental and Moral Philosophy as defined by the Syllabus —

PSYCHOLOGY

Pass and Honours

Holding	...	Outlines of Psychology
Wundt	..	Human and Animal Psychology
Stout	...	Manual of Psychology
James	.	Text-book of Psychology
Stephen	...	Elements of Analytical Psychology (3rd edition)
Sully		Outlines of Psychology
Mitra A. C	.	Elements of Psychology (2 vols)
Angell	.	Psychology

Preparatory Reading Before joining the regular class students are advised to read—

Titchener	Primer of Psychology
Saratchandra Brahmachari	Vyavaharik Manobijnan (Practical Psychology)
McDougall	Psychology (Home University Library)

Ethics

Pass and Honours

Seth	Study of Ethical Principles
Martineau	Types of Ethical Theory
Mackenzie	Manual of Ethics
Mitra A. C	Elements of Morals

Preparatory Reading Before joining the regular class students are advised to read—

Muirhead	Elements of Ethics
Mohit Chandra Sen	... Elements of Moral Philosophy

General Philosophy

Pass and Honours

Kulpe	Introduction to Philosophy
Marvin	Introduction to Philosophy
Paulsen	Introduction to Philosophy
Watson	An Outline of Philosophy

Preparatory Reading Before joining the regular class students are advised to read—

Croom Robertson	.. Elements of General Philosophy
Stephen	Problems of Metaphysics

Natural Theology

Honours

Martineau	Study of Religion
Flint	Theism and Antitheistic Theories
Fraser	Philosophy of Theism

Preparatory Reading Before joining the regular class students are advised to read—

Rogers	Religious Conception of the World
Armstrong	. God and the Soul
Binayendranath Sen	... Intellectual Ideal

History of Philosophy

Honours

The following books are recommended—

Weber	History of Philosophy
Falckenberg	History of Modern Philosophy
Thilly	History of Philosophy (Bell & Sons)

Preparatory Reading -

Schwegler	History of Philosophy
Rogers	History of Philosophy

SPECIAL TEXT

Honours

Rand	Modern Classical Philosophers (Selections from Bacon, Descartes, Spinoza, Locke, Berkeley, Hume and Kant)
Green	Prolegomena to Ethics, Book I

B A. AND B Sc EXAMINATIONS, 1921

MATHEMATICS

Pass Course

The following books are recommended —

1 Higher Plane Trigonometry

Todhunter	Plane Trigonometry, edited by Hogg
Loney	,, Plane Trigonometry

2 Plane Analytical Geometry—

C Smith	Elementary Treatise on Conic Section
Loney	Elements of Co-ordinate Geometry

3 Differential Calculus—

Edwards	Differential Calculus for Beginners
Ganesh Prasad	, Differential Calculus
Taylor	Differential and Integral Calculus and Differential Equations

4 Integral Calculus and Differential Equations—

Edwards	,, Integral Calculus for Beginners
Ganesh Prasad	Integral Calculus
Taylor	The Differential and Integral Calculus

5 Hydrostatics-

Besant	Elementary Hydrostatics
Loney	, Elements of Hydrostatics

6 Astronomy

Parker	Elements of Astronomy

Students are recommended to use "Stars in the Northern Tropics" by T Bhattacharyya]

HONOURS COURSE

1 Higher Algebra—

Hall and Knight	Higher Algebra
C Smith	A Treatise on Algebra
Davidson	Higher Algebra

2. Elementary Theory of Equations—

Cajori	Introduction to Theory of Equations Chapters I—VII
Dickson	Elementary Theory of Equations

3 Higher Plane Trigonometry—

Todhunter	Plane Trigonometry edited by Hogg

4 Plane Analytical Geometry—

C Smith	Elementary Treatise on Conic Sections
Salmon	Conic Sections
Askwith	Plane Co-ordinate Geometry

5. Elementary Solid Geometry—

C. Smith	Elementary Treatise on Solid Geometry
Bell	Analytical Geometry of Three Dimensions

6 Elementary Principles of Vectors—

Kelland and Tait	Introduction to Quaternions, 3rd edition, edited by Knott
Henrici and Turner	Vectors and Rotors
Coffin	Vector Analysis

7 Differential Calculus—

Edwards	Differential Calculus
Williamson	Differential Calculus

8 Integral Calculus and Differential Equations—

Williamson	Integral Calculus
Murray	Introductory Course in Differential Equations

9 Statics—

Minchin	Statics, Vol I
Lamb	Statics
Loney	Statics

10. Dynamics of a Particle—

Lamb	Dynamics
Loney	Dynamics of a Particle
Cox	Mechanics

11 Hydrostatics—

Besant	Elementary Hydrostatics
Loney	Elements of Hydrostatics
Minchin	Hydrostatics, Part I

12. Astronomy—

Parker	Elements of Astronomy
Young	Manual of Astronomy
Bryan	Astronomy

[Candidates are recommended to use "Stars in the Northern Tropics" by T Bhattacharyya.]

N.B—Candidates who take up Mathematics at the B.A or B Sc Examination are recommended to refer to Saxelby's Practical Mathematics

PHYSICS

Pass Course

Hadley	Magnetism and Electricity for Students
Watson	Text-book of Physics

Pass Practical

Schuster and Lees	Advanced Exercises in Practical Physics
Harrison	A Course of Practical Physics
Glazebrook and Shaw	Practical Physics
Allen and Moore	A Text-book of Practical Physics (Macmillan & Co

Honours Course

(In addition to the books prescribed for the Pass Course)

Poynting and Thomson	Sound
Edser	Heat for Advanced Students
Maxwell	Theory of Heat
Edser	Light for Students
Foster and Porter	Elementary Treatise on Electricity and Magnetism
Wagstaff	Properties of Matter
A C Datta	A Text Book of Sound

Honours Practical

Watson	Text-Book on Practical Physics
Henderson	Practical Physics

N.B.—Candidates who take up the Honours Course in Physics at the B A or B Sc Examination are recommended to refer to Saxelby's Practical Mathematics

CHEMISTRY

Pass Course

Newth	Inorganic Chemistry
Holleman	Organic Chemistry
Francis Jones	Practical Chemistry
Alexander Smith	General Inorganic Chemistry
F Mollwo Perkin	Qualitative Chemical Analysis—Organic and Inorganic
J B Cohen	Theoretical Organic Chemistry

Honours Course

(In addition to the books recommended for the Pass Course)

H C Jones	Elements of Physical Chemistry
Ostwald	Foundations of Analytical Chemistry
J Wade	Introduction to the Study of Organic Chemistry
Clowes and Coleman	Quantitative Analysis
Mellor	Inorganic Chemistry
Caven and Landor	Systematic Inorganic Chemistry
Ostwald	Outlines of General Chemistry

J Walker	Introduction to Physical Chemistry
F Mollwo Perkin	Practical Methods of Inorganic Chemistry
Thorpe	Essays on Historical Chemistry

N B—Candidates who take up Chemistry at the B A or B Sc Examination are recommended to refer to Saxelby's Practical Mathematics

BOTANY

Pass Course

Vines, S H	An Elementary Text-Book of Botany (London, 1905)
Scott, D H	Structural Botany, 2 Vols (London, 1904-06)
Darwin, F and Acton, G H	Practical Physiology of Plants (Cambridge, latest edition)
Prain, D	Bengal Plants (Calcutta, 1903)
or	
Roxburgh	Flora Indica, edited by C B Clarke (Calcutta 1874)
Strasburger and Hillhouse	Practical Botany (latest edition)

Honours Course.

(In addition to the text books for the Pass Course)

Strasburger, L	Text-book of Botany, translated by Porter, revised by Lang (Third edition, London)
Reynolds Green, J	Vegetable Physiology
Schimper, A F W	Geography of Plants
Stopes	Fossil Botany

PHYSIOLOGY

Pass Course

Halliburton	Hand-book of Physiology
Howell	Text-book of Physiology
	Practical
Schafer	Essentials of Histology
	and *either*
Milroy	Practical Physiological Chemistry
	or
Halliburton	Essentials of Chemical Physiology
	and
Brodie	Essentials of Experimental Physiology
	or
Beddard, Edkins, Hill, Pembrey and Macleod	Practical Physiology

Honours Course

(In addition to the books recommended for the Pass Course)

Starling	Principles of Human Physiology
Hill	Recent Advances in Physiology
Hill	Further Advances in Physiology

Practical

(The same as for the Pass Course)

Syllabus in Experimental Physiology

Pass Course

The induction coil single shocks, short circuiting key, effect of single shocks on the tongue, break-shock is stronger than the make-shock Helmholtz's Modification, Neef's Hammer

Pithing a frog, nerve-muscle preparation Mechanical, chemical thermal and electrical stimulation of muscle and nerve

The graphic method, simple lever, crank lever (myograph), moist chamber minimal and maximal excitation with single induction shocks (make and break) Stimulation by constant current, contraction of muscle only at make and break

The muscle curve – Single contraction of a frog's muscle, the latent period, the period of contraction and the period of relaxation Time-tracing by tuning fork Method of after-loading The influence of temperature and of load on muscular contraction The work performed by a muscle during a twitch

Elasticity and extensibility of muscle

Summation of muscular contraction, tetanus

Fatigue of muscle

Thickening of a muscle on contraction

Barnard's curare experiment

Stimulation of a motor nerve, unequal excitability (greater nearer the centre of a motor nerve), excitability of flexor and extensor nerves

Velocity of nerve-impulse (myographic method)

Electro-Physiology —Galvani's experiment of contraction with metals Galvani's experiment of contraction without metals

The Frog's heart —Beating of the heart, effect of heat and cold (heart *in situ*), section of the heart, effect of heat and cold on excited heart

Stannius experiment

Graphic record of the beat of the heart (suspension method and also direct registration with heart-lever)

Pulse-Sphygmographic tracing

Blood-pressure in man, Sphygmometer and Sphygmomanometer

Reflex action (simple experiments on a pithed frog)

Vision —Accommodation, Scheiner's experiment, near and far point

Purkinje Sanson's images Khakoscope Blind spot, Yellow spot, Colour vision Complementary colours

Honours Course

Additional Experiments –

The induction coil—Break extra-current of Faraday
The Rheonome, Effect of sudden variation of current.
Isotomic and Isometric contraction
Influence of veratrine on muscular contraction
Indefatigability of nerve
Excitation of muscle by constant current Polar excitation of a muscle

Electrotonus Electrotonic changes in excitability and conductivity of a nerve

Kuhne's experiment of contraction without metals

Examination of currents in muscle, nerve and heart by means of the reflecting galvanometer

Frog's heart—Minimal stimulus causes maximal contraction
"Staircase effect Single contraction of the ventricle
Tetanisation Refractory period, Stimulation of the vagus
Action of drugs (Muscarine digitalin, Pilocarpin and Atropin) on the heart
Voice and Speech, Laryngoscope
Vision Ophthalmoscope, Perimeter

ZOOLOGY

Pass Course

Boas	Text book of Zoology
Shipley and MacBride	Zoology
Oskar Hertwig and H J Campbell	The Cell
R E Lloyd	An Introduction to Biology for students in India
P J Parker and W N Parker	An Elementary Course of Practical Zoology
Foster and Balfour	The Elements of Embryology (edited by Sedgwick and W Heap)
Wallace	Darwinism
A D Imms	A Laboratory Sketch-book of Zoology for Indian students

Honours Course

(In addition to the books prescribed for the Pass Course)

Miall and Hammond	The Structure and Life—History of the Harlequin Fly
Miall and Denny	The Cockroach

B Sc EXAMINATION, 1921

GEOLOGY

No text books are prescribed or recommended The subject is to be studied with the help of the Syllabus prescribed in the Regulations

EXPERIMENTAL PSYCHOLOGY

The subject is to be studied as defined by the Syllabus Students are recommended to use one or more of the following books —

Pass Course

—General Psychology—

Yerkes	Introduction of Psychology
Wundt	Human and Animal Psychology
Titchener	Text-Book of Psychology
Leckley	The Nervous System (Longmans & Co.)

Preparatory Reading Students are advised to read Titchener's Primer of Psychology before joining the regular class

II—Experimental Psychology—

Sanford	Course in Experimental Psychology
Myers	Text-Book of Experimental Psychology Part I—Text-Book

Preparatory Reading —

Students are advised to read Myers Primer of Experimental Psychology before joining the regular class

Laboratory Course —

Titchener's Experimental Psychology, Vol I, Part I, and Vol II, Part I (Student's Manual, Qualitative and Quantitative)

Myers Text-Book of Experimental Psychology, Part II (Laboratory Course)

Honours Course

I—General Psychology (Same as in the Pass Course with the addition of Kulpe's Outlines of Psychology)

II—Physiological and Comparative Psychology—

Wundt	Principles of Physiological Psychology Vol I, Part I, (The Bodily Substrate of Mental Life)
Ladd	Elements of Physiological Psychology
Thorndike	Animal Intelligence
Lloyd Morgan	Comparative Psychology
M. Greenwood (Jr.)	Physiology of the Senses

III—Experimental Psychology—

In addition to the books recommended for the Pass Course, the following —

Scripture	New Psychology
Titchener	Lectures on the Psychology of the Thought Processes
Titchener	,, Instructor's Manual—(Quantitative introduction)

B.A EXAMINATION, 1922

ENGLISH

(*Pass Course*)

Shakespeare	Comedy of Errors (text as in Prof. J. C. Scrimgeour's Edition, published by the Calcutta University)
	Othello
Palgrave	Golden Treasury of Songs and Lyrics—Book IV (Oxford University Press)
Burke	Speech on American Taxation.

Representative Essays in Modern Thought, edited by Steeves and Ristine (American Book Co)- Essays I, II, V, X, XIX

Selections from the Bible edited by Principal H C Maitra and Rev Dr G Howells (published by the University) (Portions to be read will be specified later)

(Honours Course)

(In addition to the books prescribed for the Pass Course)

Shakespeare	Coriolanus
Matthew Arnold	Merope
Sophocles	Electra (Tr Whicher) edited by J C Collins (Oxford University Press)
Palgrave	Golden Treasury of Songs and Lyrics—Additional Poems (Tennyson, Matthew Arnold, Swinburne, E B Browning and Robert Browning only) (Oxford University Press)
DeQuincey	Revolt of the Tartars The English Mail Coach
Bryce	Studies in Contemporary Biography (Studies on Beaconsfield, Trollope, J R Green, Jessel, Freeman, Bowen and Gladstone only)

Representative Essays in Modern Thought, edited by Steeves and Ristine (American Book Co)—Essays XII, XIII, XVII, XVIII

The following books are recommended for the study of the Philology of the English Language and the History of English Literature —

Trench	Study of Words (edited by Mayhew)
Bradley	Making of English
Long	English Literature (Ginn & Co)

The following books are prescribed for candidates who take up the alternative paper in English

Matthew Arnold	Essays in Criticism Second Series (Essays I V II only)
Ruskin	The Crown of Wild Olive, omitting the Essay on the Future of England

VERNACULAR COMPOSITION

BENGALI

(Books recommended to be read as presenting ideals of character and models of style)

Bankimchandra Chatterji	Durgesnandini
Chandicharan Banerjee	Life of Vidyasagar
Rajendranath Vidyabhushan	Japoban

HINDI

(Books recommended to be read as presenting ideals of character and models of style)

Harischandra	Satya Harischandra
Lakshman Sinha	Sakuntala
Mayasankar Dube	Swapna Vasabdatta

ASSAMESE

(Books recommended to be read as presenting ideals of character and models of style)

Gunabhiram Barooah — Life of Anandaram Dhekeal Phukan
Lambodar Borah — Sakuntala
Lokhenath Bezbaruva — Padamkumari

BURMESE

(Books recommended to be read as presenting ideals of character and models of style)

Buridat Zat — Narada Zat — Zunatthapakathami

NEPALI

(Books recommended to be read as presenting ideals of character and models of style)

Harihar Acharyya — "Sakuntalopakhyan / "Bidulaputra Sambad

ORIYA

(Books recommended to be read as presenting ideal of character and models of style)

Radhanath Ray — Mahajatra, Cantos I-IV
Raghuvansa, translated by Buchhinda Patnaik

URDU

(Books recommended to be read as presenting ideals of character and models of style)

Narang-i Khayal by Azad
Ibn-ul Waqt by Nazir Ahmad
Selections of Urdu by Jalaluddin Ahmad Jafri

SANSKRIT

(Pass Course)

Paper I

Manusamhita — Chapters I and II, with Kullukas commentary
Sisupalbadha — Cantos I and II, with Mallinathas commentary

Paper II

Abhijnanasakuntalam | Ratnavali

Paper III

Macdonall — History of Sanskrit Literature (omitting Chapters II-IX

Panini Primer, by Debendrakumar Vidyaratna (for reference only)

(*Honours Course*)

(In addition to the books prescribed for the Pass Course)

Paper IV

Bhattikavyam	Cantos XII and XIII
Kadambari	.. Pages 1-24 (Bombay edition)

Paper V

Vedic Readers for students—by Macdonell—Pages 1-92, 134-41 together with the commentary of Sayana thereon

Students are recommended to consult Macdonell's Vedic Grammar for students

Weber	History of Sanskrit Literature (Tran Mann and Zachariae, pp 1-171)

Paper VI

Siddhanta Kaumudi—Karika and Samasa
Dandi—Kavyadarsa
Sahitya Darpan Chapter VI

PALI

(*Pass Course*)

Poetry

Dhammapada	Khuddaka Patha

Prose

Milinda-panha (Trenckner's edition) pages 1-126
Dhammapada-Attha Katha, Vol I edited by Mr Norman in the P T S.

Grammar

Rupsidhi (Rangoon or Colombo edition)
Keilhorn's Sanskrit Grammar

COMPARATIVE PHILOLOGY

(*Pass Course*)

Sayce	Principles of Comparative Philology (omitting the appendices)
Satischandra Vidyabhushana	Grimm's Law

(*Honours Course*)

(In addition to the books prescribed for the Pass Course)

Mahavamsa	Chapters 1-5
Dighanikaya	. Mohagovinda Sutta, Mahaparinirbana Sutta
Rhys Devids	, Buddhist India

PERSIAN

(*Pass Course*)

Persian Selections compiled by Shams-ul-Ulama Ahmad and Shams-ul Ulama Mirza Ashraf Ali, omitting the following portions from the Poetry pieces

Shah Nama	..	Pages 140-152 (12 pages) from Nama-i-Kaus to Rustom
Masnavi Rum		Pages 167-180 (14 pages) from Fil Munajat
Qaani		Pages 201-208 (8 pages)
Hafez	.	Pages 227-240 (14 pages) (from Radif-i-Dal)

The Pass Course includes the elements of Persian Prosody and Rhetoric

(*Honours Course*)

(In addition to the pieces selected for the Pass Course)

The Honours Persian Course compiled by Lieutenant-Colonel D C Phillot, I A

The Honours Course includes the Outlines of Mahomedan History in so far as it relates to Persia, Central Asia and India and the History of Persian—Literature

ARABIC

(*Pass Course*)

Selections in Arabic compiled by Shams-ul-Ulama Ahmad and Shams-ul-Ulama Mirza Ashraf Ali and prescribed for the B A Pass Examination in 1910—11, Parts I and II

GRAMMAR

Arabic Grammar according to Modern Method, to be published by the University

(*Honours Course*)

(In addition to the books prescribed for the Pass Course)

University Selections compiled and edited by Shams-ul-Ulama Ahmad and Shams-ul-Ulama Abu Nasr Muhammad Waheed, M A

The Honours Course in Arabic also includes the elements of Arabic Prosody and Rhetoric, the Outlines of Mahomedan History down to the fall of the Abbasid Caliphate and a general knowledge of the History of Arabic Literature

CLASSICAL ARMENIAN

(*Pass Course*)

POETRY

Bagratoonie's translation of Paradise Lost, Books IX, X, XI and XII

PROSE

Agathangalo's History, Parts I and III
Moses of Khoren's History
The course includes the History of Armenia.

(*Honours Course*)

(In addition to the books prescribed for the Pass Course).

POETRY

Bagratoonie's Haik Dientsazu, Books I, II, III, IV and V.

PROSE

John Catholicas .. Elishe

The course includes the History of Armenian Literature and the Elements of Armenian Philology

HEBREW.

(*Pass Course*).

Judges and I Samuel—
Psalms ... I-XLI
Proverbs ... 1-20

(*Honours Course*)

(In addition to the books prescribed for the Pass Course.)

Two of the minor prophets, *viz*, Amos and Hosea

N.B—Dr. Gainsburg's edition for British and Foreign Bible Association recommended

SYRIAC

(*Pass Course*)

Paper I.

The Book of Levitious (the Peshitto Version).
The Epistle to the Hebrews (the Peshitto Version).
The Liturgy of S James

Paper II.

Mar Ephrem ... The Epistle to Montanos (Opera Selecta, Overbeck)

The Book of the Dead.

Paper III

Wright — History of Syriac Literature
Recommended—
Noldeke — Compendious Syriac Grammar

(*Honours Course*)

(In addition to the books recommended for the Pass Course)

Paper IV.

Philexinos of Mabbogh .. Discourses on Poverty (Royal Society of Literature)

Chronicles of Bar-Hebraeus Bernstein's Chrestomathie.)

Paper V

Select Narratives of Holy Women		Eugenia (Studia Sinaitica, No IV)
Eusebius	...	Ecclesiastical History, Books I-III (Wright and McLean)

Paper VI

A. Fortescue	..	The Orthodox Eastern Church
A. Fortescue		The Lesser Eastern Churches

GREEK

(*Pass Course*)

Homer	..	Iliad, Book IX
Aeschylus	...	Prometheus Vinctus
Plato		Laches
Demosthenes	.	Philippics, I, II, and III

(*Honours Course*).

(In addition to the Books prescribed for the Pass Course.)

Aristophanes	..	Frogs
Thucydides	. .	Book VII
Herodotus		Book I, Chaps 1-94

PERMANENT SUBJECTS.

The following books may be consulted —

Philology of the Greek Language—

Giles	Comparative Philology

History of Classical Greek Literature—

Murray	Greek Literature

LATIN

(*Pass Course*)

Cicero		Pro Roscio
Livy		Book I
Virgil	..	Æneid, Books VII and VIII
Horace		Epistles, Book I

(*Honours Course*).

(In addition to the books prescribed for the Pass Course).

Lucretius	...	Book V.
Tacitus	...	Annals, Books I and II
Pliny	...	Letters, Book I.

Catullus' Poems, edited by F. P Simpson (Macmillan & Co.)

PERMANENT SUBJECTS.

The following books may be consulted —

Philology of the Latin Language—

Lindsay	Historical Latin Grammar

History of Latin Literature to the end of the Augustain Period—

Mackail .. Latin Literature

FRENCH

(*Pass Course*)

Alphonse Daudet		Lettres de Mon Moulin, edited by C H Clarke (Macmillan)
Thierry		Lettres sur l'Histoire de France, edited by Masson and Prothero
Berthon	...	Specimens of Modern French Verse, Part I
Victor Hugo	..	Hernani

The course also includes French Grammar and the outlines of French History

Honours Course)

(In addition to the books prescribed for the Pass Course).

Corneille		Cid.
Moliere	...	L'Ecole des Femmes
Michelet	..	Louis XI, et Charles Le Temeraire, edited by E Renault (Clarendon Press)

The course also includes French Grammar and the outlines of French History and also the elements of French Philology and the history of a selected period of French Literature.

GRAMMAR RECOMMENDED

V de Vivas ... Grammaire des Grammaires

Text-books in French Philology recommended –

Darmesteter	Historical French Grammar
Brachet	Grammaire Historique de la Langue Francaise

The period of French Literature selected for 1922 is the Seventeenth Century

GERMAN

(*Pass Course*)

Heinrich von Kleist	...	Michael Kohlhaas.
Schiller		Wallenstein's Tod
Hauff	...	Das Wirtshaus im Spessart, edited by G E Fasnacht (Macmillan & Co.)

The course includes, in addition to the prescribed Texts, Grammar and the outlines of German History.

(*Honours Course*)

(In addition to the books prescribed for the Pass Course.)

Goethe	.	Iphigenie auf Tauris
Lessing		Nathan der Weise
Paul Heyse		Kinder der Welt

The course includes, in addition to the prescribed Texts, Grammar and the outlines of German History, and also the elements of German Philology and the History of a selected period of German Literature

GRAMMAR RECOMMENDED

J Wright — Historical German Grammar.

(The period selected for 1922 is 1750-1882)

HISTORY

(*Pass Course*)

Paper I

Thatcher & Schwill — Modern Europe (The Modern Period)
Lord Acton — Lectures on Modern History

Paper II

Period—The Age of Elizabeth—

(*i*) Greene's History of the English People, Book VI, Chapters III-VII

(*ii*) The Age of Elizabeth, by Creighton (Epochs of Modern History series).

(*iii*) Elizabeth (Twelve English Statesmen Series) by Beesla.

(*iv*) J R Seeley—Growth of the British Policy (The portions relating to Elizabethan Age)

Paper III

Vincent Smith — Oxford History of India, omitting Chapter 3, Bk IX
Havell — The History of Aryan Rule in India

(*Honours Course*)

(In addition to the books prescribed for the Pass Course)

Paper I

Hazen — Modern European History
Hearnshaw — Main Currents of European History

Paper II

Cambridge Modern History — Volume III, Chapter 2

Paper III.

Bhandarkar ... Carmichael Lectures

Paper IV

Period from 479-404 B. C —

Bury ... History of Greece
Grote ... History of Greece

Paper V

Period from 164-146 B C.—

Shuckburgh — History of Rome
Mommsen — History of Rome, translated by Dickson

Paper VI.

Hallam . Europe during the Middle Ages
Myers ... History of Middle Ages

POLITICAL ECONOMY AND POLITICAL PHILOSOPHY.

Pass Course

Paper I

Seligman Elements of Political Economics
Marshall ... Economics of Industry

Paper II

Garner Introduction to Political Science
Woodrow Wilson . The State (Ed 1919, Chapters I-V, XXI, XXII and the constitutions of England, France, United States and Germany)

Report on Indian Constitutional Reforms (1918), Chapters II-V

Paper III

Dr P. Banerjee Study of Indian Economics
Mr P Mukherjee . Co-operative Movement in India

Land Revenue Administration (Calcutta University Publication)
Mr. Findlay Shirras ... Indian Finance and Banking

Honours Course.

Paper I

(In addition to the books prescribed for the Pass Course)

Withers ... Meaning of money

Paper II

(In addition to the books prescribed for the Pass Course)

J S. Mackenzie .. Outlines of Social Philosophy

Paper III.

(In addition to the books prescribed for the Pass Course)

V. G. Kale ... Indian Economics

Paper IV.

Taussig ... Principles of Economics

Paper V.

Aristotle ... Politics
Hobbes ... Leviathan

Paper VI.

Essays

The following books are recommended for the guidance of Teachers —

Mill	.	Political Economy
Nicholson	...	Principles of Political Economy
Sidgwick		Development of European Polity
Marshall	...	Principles of Economics
Green		Principles of Political Obligation
Pollock	.	Introduction to the History of the Science of Politics
Ranade	...	Essays on Indian Economics
Moreland	...	Introduction to Economics for Indian Students
Baden-Powell		Land Systems of British India, 3 vols
Ilbert	...	Mechanism of Law making
Das Gupta		India in the Seventeenth Century
Loveday	.	Famines in India

Fifth Report of the Select Committee of the House of Commons, 1812 (Extracts and Documents published by the Calcutta University)

Field		Introduction to Bengal Regulations
R C Dutt	..	India in the Victorian Age
R C Dutt		The Economic History of India under Early British Rule
R. C Dutt		Famines in India
Bryce		American Commonwealth (Revised edition)
Strachey		India
A. Lawrence Lowell		Governments and Parties in Continental Europe (2 vols) (Longmans, Green & Co.)
J A. R. Marriott	.	English Political Institutions
Palgrave	..	Dictionary of Political Economy
Barker	.	Political Thoughts of Plato and Aristotle
Wolff		Co-operation in Agriculture
Nicholson		Report on Agricultural Banks

Review of Trade of India, 1913-14.
Currency Commission's Report, 1893.
Currency Committee's Report, 1898
Report of the Royal Commission on Currency and Finance, 1914
Fifth Decennial Report on Moral and Material Progress, 1913
Report of the Irrigation Commission, 1903
Reports of the Famine Commission, 1898 and 1901

Keatinge	.	Rural Economy in the Bombay Deccan
Temperley	..	Senates and Upper Chambers
Robertson		Report on Railway Administration
Williams		The Economics of Railway Transport

Report on the Indian Industrial Commission

C. J. Hamilton	...	Trade Relations between England and India
Radhakamal Mukherjee		Foundations of Indian Economics

Lewis Campbell	.	Plato's Republic
Crum Robertson		Hobbes
J. C. Jack		The Economic Life of a Bengal District
J. Q. Deley	...	Development of the State
F. D. Ascoli	..	Early Revenue Administration in Bengal

Review of Trade of India, 1914-15 to 1918-19.

MENTAL AND MORAL PHILOSOPHY

The following books are recommended to be used in studying the subject of Mental and Moral Philosophy as defined by the Syllabus —

Psychology

Pass and Honours

Hoffding		Outlines of Psychology
Wundt	.	Human and Animal Psychology
Stout		Manual of Psychology
James	.	Text-Book of Psychology
Stephen	..	Elements of Analytical Psychology (third edition)
Sully	...	Outlines of Psychology
Mitra (A C)	.	Elements of Psychology (2 vols)
Angell		Psychology

Preparatory Reading —

Students are advised to read—

Titchener	.	Primer of Psychology
Satatchandra Brahmachari		Vyavaharik Manobijnan (Practical Psychology)
McDougall	..	Psychology (Home University Library)

before joining the regular class

Ethics.

Pass and Honours

Seth	.	Study of Ethical Principles
Martineau	.	Types of Ethical Theory
Mackenzie	.	Manual of Ethics
Mitra (A C)		Elements of Morals

Preparatory Reading —

Students are advised to read—

Muirhead		Elements of Ethics
Mohitchandra Sen	..	Elements of Moral Philosophy

before joining the regular class

General Philosophy

Pass and Honours

Lossky		Intuitive Basis of Knowledge
Marvin	...	Introduction to Philosophy
Paulsen	...	Introduction to Philosophy
Watson	...	An Outline of Philosophy

Preparatory Reading —

Students are advised to read—

Croom Robertson	Elements of General Philosophy,
Stephen	Problems of Metaphysics

before joining the regular class

NATURAL THEOLOGY

Honours

Martineau	Study of Religion
Flint	Antitheistic Theories
Fraser	Philosophy of Theism
Pringle Pattison	Idea of God

Preparatory Reading —

Students are advised to read —

Rogers	Religious Conception of the World
Armstrong	God and the Soul

before joining the regular class

HISTORY OF PHILOSOPHY

Honours

The following books are recommended —

Weber	. History of Philosophy
Flackenburg	History of Modern Philosophy
Thilly	History of Philosophy (Bell and Sons)

Preparatory Reading —

Schwegler	. History of Philosophy
Rogers	.. History of Philosophy

SPECIAL TEXT

Honours

Rand	Modern Classical Philosophers (Selections from Bacon, Desertes, Spinoza, Locke, Berkeley-Hume and Kant)
Green	Prolegomena to Ethics, Book I

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MATHEMATICS

Pass Course

The following books are recommended —

1. Higher Plane Trigonometry—

Todhunter	.. Plane Trigonometry, edited by Hogg
Loney	Plane Trigonometry

2. Plane Analytical Geometry—

C Smith	...	Elementary Treatise on Conic Sections
Loney	...	Elements of Co-ordinate Geometry

3. Differential Calculus—

Edward	..	Differential Calculus for Beginners
Ganesh Prasad	...	Differential Calculus
Taylor	...	Differential and Integral Calculus and Differential Equations

4 Integral Calculus and Differential Equations—

Edwards	...	Integral Calculus for Beginners
Ganesh Prasad	.	Intergral Calculus
Taylor		The Differential and Integral Calculus and Differential Equations

5 Hydrostatics—

Besant	...	Elementary Hydrostatics
Loney	...	Elements of Hydrostatics

6 Astronomy—

Parker	..	Elements of Astronomy

(Students are recommended to use "Stars in the Northern Tropics" by T Bhattacharyya.)

Honours Course

1 Higher Algebra—

Hall and Knight	.	Higher Algebra
C Smith		A Treatise on Algebra
Davidson	..	Higher Algebra
Briggs & Bryan	.	Tutorial Algebra (Advanced Courses)

2 Elementary Theory of Equations—

Cajori		Introduction to Theory of Equations, Chapters I-VII
Dickson		Elementary Theory of Equations

3. Higher Plane Trigonometry

Todhunter	..	Plane Trigonometry, edited by Hogg

4. Plane Analytical Geometry—

C Smith	.	Elementary Treatise on Conic Sections
Salmon	.	Conic Sections
Askwith	..	Plane Co-ordinate Geometry
Jones	..	Algebraical Geometry

5. Elementary Solid Geometry—

C Smith		Elementary Treatise on Solid Geometry
Bell	.	Analytical Geometry of three Dimensions

6 Elementary Principles of Vectors—

Kelland and Tait	.	Introduction to Quaternions, 3rd edition, edited by Knott
Henrici and Turner	...	Victor and Rotors
Coffin	...	Vector Analysis

7. Differential Calculus—

Edwards	...	Differential Calculus
Williamson	...	Differential Calculus
Carey	.	Infinitesimal Calculus, Sects, I and II

8. Integral Calculus and Differential Equations,—

Williamson	...	Integral Calculus
Murray	...	Introductory Course in Differential Equations
Carey	.	Infinitesimal Calculus, Sects, I and II
Bateman	..	Differential Equation

9 Statics—

Minchin	...	Statics, Vol. I
Lamb	.	Statics
Loney	..	Statics

10 Dynanics of a Particle –

Lamb	...	Dynamics
Loney	...	Dynamics of a Particle
Cox	...	Mechanics

11. Hydrostatics—

Besant	.	Elementary Hydrostatics
Loney	...	Elements of Hydrostatics
Minchin	.	Hydrostatics, Part, I

12. Astronomy—

Parker		Elements of Astronomy
Young	...	Manual of Astronomy
Barlow and Bryan	.	Astronomy

(Candidates are recommended to use "Stars in the Northern Tropics" by T. Bhattacharyya)

N B.—Candidates who take up Mathematics at the B A or B Sc Examination are recommended to refer to "Saxelby's Practical Mathematics"

PHYSICS

(*Pass Course*)

Hadley	..	Magnetism and Electricity for Students
Watson	...	Text-Book of Physics
Deschanel		Elementary Treatise on Natural Philosophy
Duncan and Starling	...	Text-Book of Physics

(*Pass Practical.*)

Schuster and Lees	...	Advanced Exercises in Practical Physics
Harrison	.	A Course of Practical Physics
Glazebrooke and Shaw	..	Practical Physics
Allen and Moore		A Text-Book of Practical Physics (MacMillan & Co.)

(*Honours Course*)

(In addition to the books prescribed for the Pass Course.)

Poynting and Thomson	.	Sound
Do	..	Heat
Do	...	Electricity and Magnetism

Edser	Light for Students
Wagstaff	Properties of Matter
A. C Datta	A Text-Book of Sound

(Honours Practical)

Watson	Text-book on Practical Physics
Henderson	Practical Physics

N B—Candidates who take up the Honours Course in Physics at the B A or B Sc Examination are recommended to refer to Saxelby's Practical Mathematics

CHEMISTRY

(Pass Course)

Newth	Inorganic Chemistry
Holleman	Organic Chemistry
Francis Jones	Practical Chemistry
F Mollwo Perkin	Qualitative Chemical Analysis—Organic and Inorganic
J B Cohen	Theoretical Organic Chemistry
Mellor	Inorganic Chemistry

(Honours Course)

(In addition to the books recommended for the Pass Course)

H C Jones	Elements of Physical Chemistry
Ostward	Foundations of Analytical Chemistry
J Wade	Introduction to the Study of Organic Chemistry
Clowes and Coleman	Quantitative Analysis
Mellor	Inorganic Chemistry
J Walker	Introduction to Physical Chemistry
Thorpe	Essays on Historical Chemistry
Mollwo Perkin	Practical Methods of Inorganic Chemistry

N B—Candidates who take up Chemistry at the B A or B Sc Examination are recommended to refer to (*a*) Saxelby's Practical Mathematics and (*b*) Dunnicliff's Laboratory Glassware Economics

BOTANY

(Pass Course)

Reynolds Green, J	Manual of Botany, Vols. I and II
Scott, D H	Structural Botany, 2 Vols (London (1904-06)
Darwin, F and Acton, G H	Practical Physiology of Plants (Cambridge latest edition
Prain, D / Roxburgh	Bengal Plants (Calcutta, 1903) *or* Flora Indica, edited by C B Clarke, (Calcutta, 1874)
Strasburger and Hillhouse	Practical Botany (latest edition)

(Honours Course)

(In addition to the text books for the Pass Course)

Strasburger, E	... Text-book of Botany, translated by Porter, revised by Lang (Third Edition, London)

Reynolds Green J		Vegetable Physiology
Schimper, A F W	...	Geography of Plants
Stopes	...	Fossil Botany

PHYSIOLOGY

(Pass Course)

Halliburton	..	Hand-book of Physiology
Howell	..	Text-book of Physiology

(Practical.)

Schafer	.	Essentials of Histology and *either*
Milroy		Practial Physiological Chemistry *or*
Halliburton		Essentials of Chemical Physiology and
Brodie		Essentials of Experimental Physiology *or*
Beddard, Edkins, Hill, Pembrey and Macleod	}	Practical Physiology

(Honours Course)

(In addition to the books recommended for the Pass Course)

Starling	..	Principles of Human Physiology
Hill		Recent Advances in Physiology
Hill		Further Advances in Physiology

(Practical)

(The same as for the Pass Course)

SYLLABUS IN EXPERIMENTAL PHYSIOLOGY

Pass Course

The induction coil, single shocks, short circuiting key, effect of single shocks on the tongue break-shock is stronger than the make-shock Helmholtz's Modification, Neef's Hammer

Pithing a frog nerve-muscle preparation Mechanical, chemical, thermal and electrical stimulation of muscle and nerve.

The graphic method; simple lever, crank lever (myograph), moist chamber minimal and maximal excitation with single induction shocks (make and break). Stimulation by constant current, contraction of muscle only at make and break.

The muscle curve --Single contraction of a frog's muscle, the latent period, the period of contraction and the period of relaxation. Time-tracing by tuning-fork Method of after-loading The influence of temperature and of load on muscular contraction The work performed by a muscle during a twitch

Elasticity and extensibility of muscle

Summation of muscular contraction, tetanus

Fatigue of muscle

Thickening of a muscle on contraction

Barnard's curare experiment

Stimulation of a motor nerve, unequal excitability (greater nearer the centre of a motor nerve), excitability of flexor and extensor nerves

Velocity of nerve-impulse (myographic method)

Electro-Physiology —Galvani's experiment of contraction with metals Galvani's experiment of contraction without metals

The frog's heart —Beating of the heart, effect of heat and cold (heatr,) *in situ*, section of the heart, effect of heat and cold on excised heart

Stannius experiment

Graphic record of the beat of the heart (suspension method and also direct registration with heart-lever)

Pulse-Sphygmographic tracing.

Blood-pressure in man, Sphygmometer and Sphygmomanometer

Reflex action (simple experiments on a pithed frog)

Vision —Accommodation, Scheiner's experiments, near and far point

Purkinje-Sanson's images; Phakoscope, Blind spot, Yellow spot, Colour vision, Complementary colours

Honours Course

Additional Experiments—

The induction coil—Break extra-current of Faraday

The Rheonome, Effect of sudden variation of current

Isotomic and Isometric contraction

Influence of veratrine on muscular contraction

Indefatigability of nerve.

Excitation of muscle by constant current, Polar excitation of muscle

Electrotonus, Electrotonic changes in excitability and conductivity of a nerve

Kuhne's experiment of contraction without metals

Examination of currents in muscle, nerve and heart by means of the reflecting galvanometer.

Frog's heart—Minimal stimulus causes maximal contraction

"Staircase effect" Single contraction of the ventricle

Tetanisation. Refractory period Stimulation of the vagus

Action of druges (Muscaring digitalin, Pilocarpin and Atropin) on the heart

Voice and Speech, Laryngoscope

Vision Ophthalmoscope, Perimeter

ZOOLOGY

Pass Course

Boas	Text-Book of Zoology
Shipley and Mac Bride	Zoology
Oskar Hertwig and H J Campbell	The Cell
R. E. Lloyd	An Introduction to Biology for students in India
P. J. Parkar and W N Parker	An Elementary Course of Practical Zoology
Foster and Balfour	The Elements of Embryology (edited by Sedgwick and W. Heap)
Wallace	Darwinism
A. D. Imms	A Laboratory Sketch Book of Zoology for Indian Students
Punnet	Mendalism

Honours Course

(In addition to the books prescribed for the the Pass Course.)

Miall and Hammond	The Structure and Life History of the Harlequin Fly
Miall and Denny	The Cockroach
Bateson	Problems of Genetics

Students are recommended to consult the Volumes on Protozoa and Insects forming parts of the Cambridge Natural History

GEOLOGY

No text-books are prescribed The subject is to be studied with the help of the Syllabus prescribed in the Regulations

EXPERIMENTAL PSYCHOLOGY

The subject is to be studied as defined by the Syllabus. Students are recommended to use one or more of the following books —

Pass Course

I—General Psychology—

Yerkes	Introduction of Psychology
Wundt	Human and Animal Psychology
Titchener	Text-book of Psychology
Leckley	The Nervous System (Longmans & Co)

Preparatory Reading, Students are advised to read Titchener's Primer of Psychology before joining the regular class

II—Experimental Psychology—

Sanford	Course in Experimental Psychology
Myers	Text-book of Experimental Psychology Part I—Text-book

Preparatory Reading —

Students are advised to read Myers' Primer of Experimental Psychology before joining the regular class

Laboratory Course :—

Titchener's Experimental Psychology, Vol I Part I, and Vol II, Part I (Student's Manual, Qualitative and Quantitative)

Myers' text-book of Experimental Psychology, Part II (Laboratory Course)

Honours Course

I—General Psychology (Same as in the Pass Course with the addition of Kulpe's Outlines of Psychology)

II—Physiological and Comparative Psychology—

Wundt	Principles of Physiological Psychology Vol I, Part I (The Bodily substrate of Mental Life)
Ladd	Elements of Physiological Psychology
Thorndike	Animal Intelligence
Lloyd Morgan	Comparative Psychology
M Greenwood (Jr)	Physiology of the Senses

III—Experimental Psychology—

In addition to the books recommended for the Pass Course, the following —

Scripture	New Psychology
Titchener	Lectures on the Psychology of the Thought Processes
Titchener	Instructor's Manual—Quantitative (Introduction)

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ENGLISH

COMMON PAPERS FOR GROUPS A AND B

Paper I—General History of English Literature

(No text books)

Paper II.—Drama

Shakespeare	Coriolanus, As you Like It

Ben Jonson	. Volpone, or the Foxe
Beaumont and Fletcher	... Philaster

Paper III —*Poetry*

Spenser	... Faerie Queene Book I
Milton	. Paradise Regained
Swinburne	Atalanta in Calydon

Paper—IV —*Prose*

Bacon	Essays
Milton	Areopagitica
Matthew Arnold	Culture and Anarchy

GROUP A

Paper V —*Chaucer and outlines of Historical English Grammar*

(*a*) Text—

Chaucer	. The Prologue, Legend of Good Women (including its prologue)

(*b*) Books recommended for study—

Morris	Historical English Accidence, Chapters I-IX
Emerson	History of the English Language
Kellner	Historical English Syntax

Paper VI —*Selected Period of Poetry*

Early Nineteenth Century Poetry (1798-1832)

The undermentioned authors are recommended for special study in their chief works as specified below, but candidates will not be expected to show a detailed knowledge of the texts named —

Wordsworth	Prelude, Books I, XII, XIII, Excursion, Book I, Selections by Matthew Arnold (Golden Treasury Series)
Coleridge	. Selections by Stopford A Brooke (Golden Book of Coleridge)
Byron	.. Vision of Judgment, Selections by Matthew Arnold (Golden Treasury Series)
Shelley	Prometheus Unbound, Selections by Stopford A Brooke (Golden Treasury Series)
Keats	Hyperion, Eve of St Agnes, Lamia

Golden Treasury of Songs and Lyrics edited by Palgrave, Book IV. Selections from English Poets edited by Ward, Volume IV

Paper VII —*Selected Period of Prose*

The undermentioned authors are recommended for special study in their chief works as specified below, but candidates will not be expected to show a detailed knowledge of the texts named —

Wordsworth	Prefaces and Appendices (Oxford Edition)
Scott	. Talisman, Old Mortality, Kenilworth
Coleridge	. Biographia Literaria, omitting Chapters 5-9 and 12

Lamb	..	Essays of Elia
Landor	.	Selections by Sidney Colvin (Golden Treasury Series)
Jane Austen	...	Pride and Prejudice
Hazlitt	...	English Literature, edited by Zeitlin (Oxford University Press)
De Quincey	..	Selections by Bennett
Shelley	.	Defence of Poetry

Paper VIII —*Essay or Essays on subjects connected with the course.*

GROUP B.

Paper V.—*English Language and Literature prior to 1100 A D*

Sweet	Anglo Saxon Reader, Part, I, pages 1-174

Paper VI —*English Language and Literature from 1100 A D to 1500 A D (including Chaucer)*

Chaucer	..	Canterbury Tales—Prologue, Knight's Tale, Clerk's Tale, Monk's Tale, Nonne Priest's Tale, Squire's Tale, Book of the Duchesse, Parliament of Fowls
Morris and Skeat		Specimens of Early English Part I—The Owl and the Nightingale Ancren Riwle Havelok and Dane Part II—Langland. Barbour
Skeat	...	Specimens of English Literature—Chevy Chase The Nut Brown Maid The Mirror for Magistrates

The unseen passages set in this Paper will be restricted to portions of Chaucer and Langland not included in the set texts

Paper VII —*Historical English Grammar (including the elements of Teutonic Philology)*

Books recommended for study—

Wyatt		Old English Grammar
Morris	.	Historical English Accidence
Kellner	...	Historical English Syntax
Skeat	.	Principles of English Etymology, 1st and 2nd Series

Paper VIII —*Essay or Essays on subjects connected with the Course*

SANSKRIT.

The cousrse shall include the following —

'(The books prescribed for the first four paper are common to all the groups).

Paper I.—(*a*) Ashtaka II of the Rigveda with Sayana's commentary thereon.

(*b*) Sayana's Instruction to his commentary on the Rigveda.

Paper II —Siddhanta-Kaumudi (whole)

Paper III (*a*) and (*b*) Elements of Comparative Philology with special reference to the Indo-Iranian Languages and the growth of the Prakritic dialects.

The following books are recommended —

Breal, M —Sementics (Translated by Mrs Cust) (Heinemann)

Edmonds, J. M.—Comparative Philology (omitting ch ix)
Macdonnell, A. A.—Vedic Grammar for Students (Oxford).
Strong, H A., Logemann W S., and Wheeler. B. T.—Introduction to the S tudy of the History of Language (Longmans)
Sweet, H.—The History of Language (Dent)
Tucker, T. G —Introduction to the Natural History of Language (Blackie).
Uhlenbeck, C C.—A Manual of Sanskrit Phonetics (Luzac).
Whitney, W D.—Sanskrit Grammar (Trubner)
Encyclopaedia Britannica (11th Edition) The article on Philology
Hastings' Encyclopaedia of Religion The article on Aryan Religion.
(*c*) Sabdasaktiprakasika (Samasaprakarana).

Paper IV —Two essays—(*a*) dealing with some subject connected with the history of Sanskrit literature generally, (*b*) dealing with some subject connected with the history of the special department covered by the group taken up.

Papers V, VI, VII and VIII.—One of the following groups to be selected by the candidate —

A (LITERATURE).

Paper V.—(*a*) Poetry Text:—

Naishadha Charita	...	Canto 15, with Mallinatha's commentary
Kamandakiya Nitisara	...	(Jibananda's edition) Chapters 8, 9, 10 and 11 (pages 37-62).
Sukra Nitisara	...	(Jibananda's edition) Chapter 4 (pages 507-670)
Mahabharata	...	Rajdharma, Santiparava, Chapters 56-60, 68, 69, 86—88 (Pratap Ray's edition)
Bharabi		Canto 17, with Mallinatha's commentary

(*b*) Translation from English into Sanskrit

Paper VI —(*a*) Drama texts Vikramorvasi, Mrichhakatika, Venisamhara, Mahaviracharita, Karpuramanjari, Vararuchi's Prakrit Prakasa as is necessary for the appreciation of the Prakrit passages

(*b*) Translation from English into Sanskrit

Paper VII.—(*a*) Prose text Vasavadatta Harshacharita, Chapters 5 and 6

(*b*) Unseen passages in Sanskrit Prose for translation into English

Paper VIII —(*a*) Rhetoric and Prosody, namely, Kavyaprakasa, Ekavali Sarasvati Kanthavarana, Sahitya-darpana and Chhandamanjari

(*b*) Unseen passages in Sanskrit Poetry for translation into English.

B (VEDAS)

Paper V.—Yaska's Nirukta and Pingala's Chhandasutras with Halayudha's Vritti Pratisakhya of Rigveda, with the commentary of Uvata.

Paper VI.—(*a*) Aitareya Brahman with Sayana's commentary.

(*b*) Simple unseen passages in Vedic Sanskrit for translation into classica Sanskrit

[The interpretations of any recognized Indian School will be accepted.]

Paper VII.—(*a*) Vrihadaranyaka, Chapters III and IV. Chhandogya, Chapters V, VI, VII and VIII

(*b*) Simple unseen Sanskrit passages from any Upanishad for translation into English

Paper VIII —(*a*) Grihya-Sutra—Gobhila with commentary.

(*b*) Translation from English into Sanskrit.

C (MIMANSA AND SMRITI)

Paper V.—(a) Mimansa Sutras with Sabara Bhashya, first six chapters

(b) Simple unseen Sanskrit passages from any treatise or commentary on the Mimansa Philosophy, such as Sloka-Vartika and the Tantra-Vartika, for translation in to English.

Paper VI.—(a) Jaiminiya Nyaya Mala Vistara and Mimansa Nyaya-prakasa.

(b) Simple unseen Sanskrit passages from any treatise or commentary on the Mimansa Philosophy such as the Mimansa-Balaprakasa, and the Tupteeka, for translation into English

Paper VII —(a) Manu Samhita with Kulluka's commentary.

Dharma Sutra of Apastamba and Gautama with Haradatta's commentary.

(b) Grihya-Sutra—Gobhila

Paper VIII —(a) Yajnavalkya Samhita with Vijnanesvara's Mitakshara—Parasara's Institutes with Madhava's commentary

(b) Translation from English into Sanskrit

D (Vedanta).

Paper V.—(a) Vedantasara (Jacob's edition), Panchadasi, Vedanta Paribhasha Hastamalaka (with commentary), and Siddhantalesa

(b) Simple unseen Sanskrit passages from any work on Vedanta Philosophy, such as the Vivaranaprameya-Sangraha for Translation into English.

Paper VI —(a) Vedantasutras with Sankara Bhashya

(b) Translation from English into Sanskrit.

Paper VII —(a) Sribhashya—Chapter I, Part I

(b) AdvaitaBrahma-Siddhi

Paper VIII —(a) Bhagavadgita and Chhandogya as in Group B, Munda Mandukya, Svetasvataropanishad with Sankara's commentary.

(b) Passages for translation into English from the Anubhashya and the Saivabhashya.

E (Sankhya and Yoga).

Paper V.—(a) Sankhyasutra of Kapila, with Vritti of Aniruddha, Sankhya-Karika of Iswarakrishna, with Bhashya of Gaurapada

(b) Simple unseen Sanskrit passages from any treatise or commentary on the Sankhya Philosophy for translation into English.

Paper VI —(a) Sankhya Pravanchana Bhashya, Sankhya-Sara, and Sankhya-Tattva Kaumudi

(b) Translation from English into Sanskrit.

Paper VII.—(a) Yoga Sutras of Patanjali, with Bhashya of Vyasa and Vritti of Bhoja, Yoga Vartika of Vijnana-Bhikshu

(b) Simple unseen Sanskrit passages from any treatise or commentary on the Yoga Philosophy for translation into English

Paper VIII —(a) Yoga Vasishtha—Chapter on Nirvana, Part II, Sarba-darsana-Sangraha

(b) Translation from English into Sanskrit

F (Nyaya and Vaiseshika).

Paper V.—(a) Nyayasutras of Gautama, with the Bhashya of Vatsyayana, Vartika of Udyotkara, and Vritti of Visvanatha.

(b) Simple unseen Sanskrit passages from any treatise or commentary on the Nyaya Philosophy for translation into English

Paper VI—(a) Nyayamonjari of Jayanta Bhatta. Khandana Khanda Khadya of Sriharsha—Chapter I.

(b) Translation from English into Sanskrit.

Paper VII —(a) Bhasha Parichheda, Siddhhanta-muktavali, Kusumanjali of Udayanacharyya, with commentary of Ruchidatta and gloss of Vardhamana.

(*b*) Translation from English into Sanskrit.

Paper VIII —(*a*) Vaiseshika Sutras of Kanada, with Bhashya of Prasastapada, Nyayakandali of Sridhara, and Vritti of Jaynarain, Saptapadarthi of Sivaditya with commentary of Yatindramadhava.

(*b*) Simple unseen Sanskrit passages from any treatise or commentary on the Vaiseshika Philosophy for translation into English

G (General Philosophy)

Paper V —(*a*) Sankhyasutras of Kapila with Vritti of Aniruddha Sankhya Tattva Kaumudi Yogasutras of Patanjali with the Bhashya of Vyasa and Vritti of Bhoja

(*b*) Simple unseen Sanskrit passages from any work on Philosophy for translation into English

Paper VI —(*a*) Nyayasutras of Gautama with Bhashya of Vatsyayana and Vritti of Visvanatha Vaiseshikasutras of Kanada, with Bhashya of Prasastapada and Nyayakandali of Sridhara

(*b*) Translation from English into Sanskrit

Paper VII —(*a*) Vadantasara (Jacob's edition) Bhagavadgita, Vedanta-sutras, with Sankara's commentary, Chapter I, Part I and IV, Chapter II, Part II

(*b*) Translation from English into Sanskrit

Paper VIII —(*a*) Nyayaratnamala of Parthasarathi Misra, Mimansa Nyaya Prakasa of Apadeva Upanisads—Isa, Kena, Katha, Prasna, Munda Mandukya and Svetasvatara, with Sangara's commentary

(*b*) Simple unseen Sanskrit passages from any work on Philosophy for translation into English

H (Prakrit)

Paper V —(*a*) Prasna Vyakarana and Vipakasutra.

(*b*) Translation from English into Sanskrit for Prakrit, at the option of the candidate)

Paper VI —(*a*) Prakrit portions of the following dramas —

Sakuntala, Vikramorvasi, Malavikagnimitra, Uttaracharitra, Malatimadhava, Mahavira-Charita, Mrichhakatika Mudrarakshasa, Ratnavali, Karpuramanjari, Venisamhara

(*b*) Translation from Sanskrit into Prakrit

Paper VII —(*a*) Setubandha, Gaudavaha, Kumarapalacharita, together with a general knowledge of Prakrita Paingalam

(*b*) Simple unseen passages in Prakrita for translation into English

Paper VIII —(*a*) Prakrit Grammar as in Vararuchi's Prakrita Prakasa (Cowell), Chhandah's Prakirta Lakshanam (Hœrnle), Hemchandra (Pischel)

Grammar of the Gandian languages Candidates are also expected to be familiar with the substance of Hœrnle's

(*b*) Simple unseen passages in Prakrit for translation into Sanskrit

I (Epigraphy and History)

Paper V —(*a*) Rajatarangini and its continuations with Stein's introduction and commentary

(*b*) Unseen passages in Sanskrit for translation into English

Paper VI —(*a*) Inscriptions of Asoka

(*b*) Early Indian Alphabets

Paper VII —Epigraphia Indica—

Vol	I,	Inscriptions Nos	1, 8, 11, 13, 35,
,,	III,	,,	Nos 8, and 17.
,,	V,	,,	Nos 2 and 19
,,	VI,	,,	Nos 1 and 14
,,	VII,	,,	No 6

Fleet's Corpus Inscriptionum—Nos 1—18, 33—37

Prachina Lekhamala—Lekhas—66, 67, 69, 77—80, 84, 85, 90, 92, 95, 96, 107, 110, 111, 117, 118 and 122.

Paper VIII.—(*a*) Ancient Geography of India.

(*b*) Translation from English into Sanskrit

PALI.

Compulsory Papers.

Paper I

(*a*) Digha Nikaya (P.T.S.) —

Brahmajala Suttanta
Samannaphala-Suttanta
Sigavolada
Ambattha Sutta

(*b*) Majjhuna-Nikaya (P T S) Vol I.—Suttas 1-15

(*c*) Samyutta-Nikaya (P T.S) Vol I, pp 1-102

(*d*) Anguttara-Nikaya-Pancakanipata (P T S)—pp 1-110

Paper II.

(*a*) Mahavagga of the Vinaya Pitaka (P T S)—pp 1-156

(*b*) Patimokha (P T S)

(*c*) So-sor-thar-pa by Mahamahopadhyay Dr Satischandra Vidyabhushan

Paper III.

Kaccāyana Pali Grammar
Vuttodaya—ed C A Silakhanda (Nirnaya Sagar Press, Bombay)
Vararuchi—Prakrita Prakasa
R. G Bhandarkar—Wilson Philological Lectures
Morris—Notes and Queries (on Pali words) (J.P T S) 1885-87
Grimm's Law by Mahamahopadhyay Dr Satischandra Vidyabhushan

Paper IV

Rhys Davids—Buddhist India
Rhys Davids—American Lectures
Mrs. Rhys Davids—Buddhism
Kern—Manual of Buddhism
Spence Hardy—Manual Buddhism
Oldenberg—Buddha
Hœrnle—Manuscript Remains of Buddhist Literature found in Eastern Turkestan, Vol. I (The translation and the notes only.)

Group A (Literary)

Paper V.

(*a*) (1) Vessantara-jataka (Fausball No. 547)
(2) Kulagaka-jataka (31)
(3) Chullabodhi-jataka (443)
(4) Mahajanaka-jataka (539)
(5) Umagga-jataka (546)
(6) Temiya-jataka (538)
(7) Mahasutasoma-jataka (537)
(8) Dasaratha-jataka (461)
(9) Ghata-jataka (454)
(10) Devadhamma-jataka (6)
(11) Vidura-pandita-jataka (545)

(*b*) All the Jatakas referred to in Bharaut-sculptures so far as they have been identified (Rhys David s Buddhist India, p 209)

(*c*) Dhammapada Atthakatha (P.T.S), Vol. II
(*d*) Petavatthu (P.T.S), pp. 1-43
(*e*) Introduction to Rhys David's Buddhist Birth Stories

Paper VI.

Theri-Gatha with Parmatha dipani
Theragatha (first-half)
Suttanipata—Ed Fausball (pp 1-99)
Visuddhimagga (Calcutta Buddhist Text Society)
Puggalapannatti (P T S)
Milindapanho (*Mendakapanha*, only pp 90-188)

Paper VII

1 Inscriptions of Asoka (Senart and Buhler)
2. Piprah wa Stupa Inscription (as in Luder's List of Brahmi Inscriptions No 931)
3 Bharaut Stupa Inscriptions (as in Luder's List, Nos 678-903)
4. Sanchi Stupa Inscriptions (as in Luder's List, Nos 161-658)

GROUP B (PHILOSOPHY)

Paper V

Dhammasangani
Tikapatthana
Kathavatthu (P T. S) Vol I, pp 1—103

Paper VI

Abhidhammattha Sangaha
Netti
Abdhidhammavatara

Paper VII.

Atthasalini (P. T S), pp 1-136
Vibhanga (P T S), pp. 1-150
Dhatukatha (P T S), pp 1-100

GROUP C (EPIGRAPHY AND HISTORY)

Paper V.

Mahavamsa (Chs. 21-37, Geiger's edition)
Sasanavamsa (P T. S)
Dathavamsa (P. T S.)

Paper VI.

(1) Inscription of Asoka
(2) Hathigumpha Inscription of Kharavela
(3) Ramgarh Cave Inscriptions

Paper VII.

(*a*) Inscriptions of the Kshaharata and Satavahana Dynasties
(*b*) Inscriptions of the Imperial Guptas

Paper VIII.

Cunningham—Ancient Geography of India
Reports of the Archæological Survey of India about Taxila and Isipatana
Yuan Chwang (Dr. Watters), 2 vols

GROUP D (MAHAYANA LITERATURE AND PHILOSOPHY)

Paper V.

Lalita Vistara
Asvaghosha's Buddhacarita

Paper VI

Madhyamika Sutra with Vritti of Chandrakirti
Lankavatara Sutra (Calcutta Buddhist Text Society)
Sutralankara of Asanga, edited by Sylvain Levi

Paper VII

Nyayabindu Tika of Dharmottara (A. S B)
Sarvadarsanasangraha (portion dealing with Buddhism)
Mediæval School of Indian Logic (Buddhist Logic only) by Mahamahopadhyay Dr. Satischandra Vidyabhushan

Paper VIII.

Thibaut—Sanskrit Grammar
Macdonell—Sanskrit Grammar

ARABIC

Kitābu' I Aghānī, Vol. IV—
(*a*) from middle of page 17 to middle of page 34
(*b*) from page 74 to page 98
Yatimatu'd-Dahr, Vol IV—Al-Babu l-Khāmis fī dhikr-i Abi'l-Fadli'l-Hamadānī, pages 167-204
Qua'rān with the Kashshāf by Zamakhshari—The whole of Suratu'l Imrān
Mishkātu'l-Maābih
(*a*) Kitbu'l'-Imārat-i-Wa'l-Qādā'i
(*b*) Kitbu'l-Adab
Ishārāt by Avicenna, Al-Namatu't-Tasi and Al-Namatu'l'-Āshir
Fūtūhu'l-Buldān by Balādhīrī—From pages 152-240
Mufassal by Zamakhshari -From the beginning of the book up to the end of the Bahth Ism-i-Mu'rāb
Fara'id by Mullā Mahmād Jawnpūri Ilm 'l-Ma'āni—From the beginning of the Muquaddima up to the end of the *Now-i-Awol* of the *Fanni-i-thānī*
NOTE —The following books should be consulted by the students —
' Adabul'l-Lughati'l-' Arabiyya, by Shaikh Darāz
Tārikhu'l-Lughati'l-' Arabiyya, by Muhammad Bey
Ditto by Jirji Zaidān
Ditto by Hafni Bey
Al-Falsafatu'l—Lughawiyya, by Jirjī Zaidān
Tamrinut-Tullāb
Kitāb 'sh-shir wa'sh Shu ' ara ' i, by Ibu Qutaiba
' Ilmu'l—Adab
,, —Maqālāt
Matāli ' u ' I-Budūr, by Salīm al-Insī
Majāniyu'l-Adab.

PERSIAN

Poetry.

The Hadīqa of Sanā'i (Nawal Kishor edition, 1887), Chapters I, V, VI and VII.

The Mantiqu-ṭ-Ṭair of 'Attār, from the first Maqāla to the last (Paris edition, 1857 or any edition).

The Dīwān of Nāsir-i- Khusraw (Bombay edition)

The Qasā'd of Zahīh Fāryābī—All the Persian Qusīdas (Nawal Kishor or any edition)

Prose.

The Tazkira of Dawlat Shāh

The Tazkira of 'Awfī Part II (London edition)

The Kīmiyā-i-Sa'-i-Sa'ādat Ghazzālī (pages 1-50)

The Durra'ī-i-Nādira (Bombay edition), omitting the Dībācha from page. 33 to 75

The Hadā'iqu-l-Balāghat—the first two Hadīquas

Arabic Prose—The Prose selection prescribed for B.A. Pass course

COMPARATIVE PHILOLOGY

Apte, V. S —A Guide to Sanskrit Composition. (Bombay)

Banerji, R. D.—The History of the Development of the Bengali Alphabet (Calcutta University))

Belvalkar, Dr. S K.—Systems of Sanskrit Grammar (Oriental Book Supplying Agency, Poona)

Bhandarkar, Sir R. G —Wilson Philological Lectures for 1877 (Bombay)

Breal, M —Semantics (Translated by Mrs. Cust) (Heinemann)

Bhuler, G —Indian Palæography. (Edited by Fleet)

Chatterji, Basanta Kumar—Prakrita Prakasa (Calcutta)

Clodd, E —Story of the Alphabet (Newnes)

Edmonds, J M —Comparative Philology (omitting Chap ix). (Cambridge)

Giles, P —A Manual of Comparative Philology (pp 1-96) (Macmillan)

Grierson, G A —Linguistic Survey of India—Introductions to the various volumes dealing with the Aryan Languages

Grierson, G A.—Phonology of the Indo-Aryan Vernaculars of India. (Reprinted from the German Oriental Society's Magazine, Vol xlix, 1895, pad 393ff and Vol. I, 1896, pp 1ff)

Hoernle, R H —A Comparative Grammar of the Gaudian Languages. (Trubner)

Ihering and Delbruck —The Evolution of the Aryan (Swan, Sonnenschein)

Imperial Gazetteer of India, Vol. I, Chap. vii, and Vol II, Chaps vi and xi

Jackson, A V S —Philology. (Pamphlet published by the Colombia University Press)

Kaegi, A.—Rigveda (English translation)

Kanga, K E —Avestā Grammar
Ditto Khordeh Avestā bā Māēnī
Ditto Gāthā bā Māēnī
} (Bombay)

Maedonell, A. A—A Vedic Grammar for Beginners. (Oxford)

Mott, F W.—The Brain and Voice in Speech and Song (Harper)

Moulton, J. H.—Early Religious Poetry of Persia. (Cambridge University Press)

Müller. E.—Pali Grammar. (Trübner)

Report on the Census of India for 1901. (The chapter on Languages)

Stout, G F.—Groundwork of Psychology, Chap xiii (London University Tutorial Press)

Stout G F.—Text-book of Psychology, Chap iv. (London University Tutorial Press)

Strong, H. A , Logemann, W. S., and Wheeler, B. I.—Introduction to the Study of the History of Language. (Longmans)

Sweet, H —The History of Language (Dent)
Tagore, Sir Rabindra Nath—Sabdatattava (Calcutta)
Trivedi, Ramendrasundara—Sabdakathā (Calcutta)
Tucker, T. G.—Introduction to the Natural History of Language. (Blackie)
Uhlenbeck, C C —A Manual of Sanskrit Phonetics (Luzac)
Shastri, Vidushekhara—Pāli Prakāsa (Calcutta)
Vidyanidhi, Jogesh Chandra Roy—Bāngālā Vyakarana (Bangiya Sahitya Parishad)
Victor, W —Elements of Phonetics (Dent)
Whitney, W. D.—Sanskrit Grammar. (Trübner)
Wright, J.—A Comparative Grammar of the Greek Language. (Oxford)
Encyclopædia Britannica (11th edition) —

The articles on—

Aryan	Accent	Aorist	Behari	Rajasthani
Grammar	Alphabet	Article	Bengali	Sindhi
Indo-Aryan	Dialect	Augment	Gujarati	Urdu
Indo-European	Phonetics	Dative	Hindi (Eastern)	Pahlavi
Jargon	Writing	Infinitive	Hindi (Western)	Persia
Language	Ablative	Paisaci	Marathi	Zoroaster
Philology	Accidence	Pali	Oriya	
Significs	Accusative	Prakrit	Pahari	
Slang	Adjective	Sanskrit		

Hastings' Encyclopædia of Religion—The article on Aryan Religion

N. B —For the purposes of the Comparative Philology of Vedic Sanskrit the following selections from Avesta which are contained in the books mentioned in the list are also expected to be known

Ashem Vohu, Gāthā Ahu-Vairya, Yenhe hātam, Kem nā Mazda, Yasna—IX, XII, XXVI 1-10, XXIX—XXX, XLIV, LIV, LVII and LX

INDIAN VERNACULARS

The M. A Examination in Indian Vernaculars will be held for the first time in 1920 for the benefit of non-Collegiate students, if any, and all candidates at that Examination will be required to take up Bengali as the Principal Vernacular.

Until further orders, candidates will be allowed to select the Subsidiary Vernacular from the following list.—

Assamese, Oriya, Hindi, Marathi, Gujarati, Tamil, Telugu, Kanarese, Malayalam, Singhalese, Urdu.

BENGALI

Paper I.

History of Bengali Literature from the earliest times down to 1850
Special Period —Vaishnab Literature during the sixteenth Century
Books recommended —

D C. Sen	History of Bengali Language and Literature.
D C. Sen	Vaishnab Literature of Mediæval Bengal
D. C Sen	Chaitanya and his Companions

Paper II

(1) Vanga Sahitya Parichaya, edited by D. C Sen Vol I, pp 27-101.
(2) Mayanamatir Gan, edited by Nalinikanta Bhattasali (Dacca Sahitya Parishad) and Baikunthanath Datta

Paper III.

Mukundaram Kabikankan—Chandimangal.
Michael Madhusudan Dutt—Meghnadbadh.

Paper IV.

(*a*) Development of prose style in Bengali Literature, about 1857.
(*b*) Influence of Western Culture on Bengali Literature, 1857-1880.

In papers II and III, 75 marks shall be allotted to the texts and 25 marks to the unseen passages.

Questions on the texts shall include—

(*a*) Questions on the subject matter and on the language of the prescribed books (historical, geographical, critical questions and literary allusions are not excluded.)

(*b*) Questions on Grammar and Prosody arising from the texts.

(*c*) Questions on the life and literary career of the authors whose works are prescribed.

Until further orders, the list of basic languages will include the following:—

Prakrit
Pali
Persian

The following lists of books have been recommended for use by students taking up the different languages mentioned as part of their course for the M.A. degree in Indian Vernaculars,—

ASSAMESE

Texts

Sankardeb	...	Rukmini Haran
Bhattadeb	...	Katha Gita (First Three Chapters).
Gunabhiram Barua	...	Asam Buranji (First Four Chapters).
Laksminath Bezbarua	...	Kiriabar Barbaruar Kakatar Topola
Mafijuddin Ahmad		Jnana Malini.

Grammar.

Hemchandra Barua	..	Asamiya Byakaran
Debananda Baharali	...	Asamiya Bhashar Maulik Bichar.
Satyanath Bora	...	Sahitya Bichar.
Debananda Bharali	...	Anglo Assamese Grammar.
G. F. Nicholl	...	Assamese Grammar (in Bengali Manual).

Literary History.

Debendranath Bezbarua	...	Assamiya Bhasha Aru Sahityar Buranji.

ORIYA.

Texts.

Jagannathadasa	...	Bhagabata, Skandha XI.
Upendra Bhanja	...	Baidehisabilasa, Part IV.
Madhusudana Rao	...	Prabandhamala.
Madhusudana Rao	...	Kusumanjali.
Pakhiramohana Senapati	...	Chha-mana At-guntha.

Grammar.

Raghunath Ray	...	Byakarana Prabesa.
E. C. H. Hallam	...	Oriya Grammar.

LITERARY.

Manmohan Chakravarti ... Articles on Oriya Literature (in the J.A.S.B. 1898-99)

MARATHI.

TEXTS.

Gadyaratna Samuchchay, Part I.
Navanit, pp. 2-22, 47-88. 159-171, 381-410

GRAMMAR.

Ramchandra Bhikaji Joshi ... Praudhabodh Vyakaran
G. R. Navalkar ... Marathi Grammar

LITERARY HISTORY

Bhabe . Maharashtra Sarasvat

HINDI.

TEXTS

Kashi Ram and Dwarka Prasad } Tulsi Sangraha
Ramnares Tripathi . Kavita Kaumudi, Part I
Harischandra . . Satya Harischandra.
Ajodhya Singh Upadhyay } Theth Hindi Ka That.
Misra Bandhu . Hindi Navaratnamala.

GRAMMAR

Kellogg ... Grammar of the Hindi Language.
Pincott .. Hindi Manual
Etherington .. Bhasha Bhaskar
Garcin de Tassy ... Chrestomathie Hindie on Hindouie.

LITERARY HISTORY

Grierson ... Vernacular Literature of Hindustan.

GUJARATI.

TEXTS.

Ghanasyam ... Patanani Prahuta (Gujarati Press, Bombay)
I. P. Khansaheb and Narharilal
Trikamlal ... Sahitya Ratna

GRAMMAR

Taylor ... Gujarati Bhashanun Vyakaran.
K. P. Trivedi Madhya Vyakaran
St. Clair Tisdall . Simplified Grammar of the Gujarati Language.
Khansaheb and Sheth .. Hints on the Study of Gujarati

LITERARY HISTORY.

K. M. Jhaveri .. Milestones in Gujarati Literature

URDU

TEXTS.

Kalam-i-Urdu (Board of Examiners)
Hayat-i-Saadi (Hali)
Taubatu-n-Nasuh (Nazir Ahmad)
Nazm-i-Muntakhab.
Musaddas-i-Hali

GRAMMAR

Palmer	Simplified Grammar of Hindustani, Persian and Arabic
Green	A Practical Hindustani Grammar
Forbes	Hindustani Grammar
Platts	Ditto

LITERARY HISTORY

Garcin de Tassy	Histoire de la Literature Hindouie et Hindoustanie
Azad	... Ab-i-Hayat

TAMIL

Wickremsinghe	Tamil Grammar Self-taught
Pope	Tamil Handbook
Do	Catechisms of Tamil Grammar, I-II
Arden	Progressive Grammar
Caldwell	Comparative Grammar of Dravidian Languages
Purnalingam Pillai	Primer of Tamil Literature
Do	Viveka Vilakkam
Do	Seyyul Korai
Do	Vasaka Thirattu

Matriculation Selections (Madras University)

TELUGU.

Brown	Telugu Grammar
Morris	Simplified Telugu Grammar
Arden	... Telugu Grammar, 1905, Telugu Companion Reader, 1879
Cald well	. Comparative Grammar of Dravidian Languages
Narasingham and Narasingharow	... Ananda Readers, Parts III & IV

Matriculation Selections (Madras University)

MALAYALAM.

Gundert	... Catechism of Malayalam Grammar (Madras, 1881)
Fohnmeyer	Progressive Grammar of Malayalam (Mangalore, 1889)
Peet	.. Malayalam Grammar, (Cottayam 1841)

Caldwell ... Comparative Grammar of Dravidian Languages

Fourth Reader ...
Twelfth Reader .
Gadya Malika, Part II .
History of Malayalam Literature ... } Bassel Mission (Mangalore)

Matriculation Selections (Madras University)

KANARESE

Kittel . Grammar of Old and Modern Kannada (Mangalore, 1903).
Spencer Kanarese Grammer (Mysore, 1914)
Caldwell Comparative Grammer of Dravidian Languages
Rice . History of Kanarese Literature
Padya Sangraha
Padya Sara, Part, I, pp 3-4, 12-13, 27-30, 77-86 and 103-106
Katha Sangraha Part, I, pp 1-96
" " " II, pp 210-280
Nirmale (or She Stoops to Conquer) in Kanarese
Sabdadarsa (Kanarese)

Matriculation Selections (Madras University)

SINHALESE

Wickremasinghe Sinhalese Grammar (London, 1916)
Gunna Sekra Comprehensive Sinhalese Grammar (Colombo, 1892)
Do Kusajatakakavya
Gunawardhana . Subhasitaya
Samarasekara Sinhalese Translation of the Dighanikaya, Vol. I (Brahmajalasutra and Ambatthasutra only).
Gurulu Goru . Amawatura (First four chapters only) edited by Jayatilaka.

MAITHILI

Grierson . Grammar and Chrestomathy, 2 vols
Vidyapati Padabali (Bangiya Sahitya Parishad, Indian Press, Allahabad, Coomarswamy and Arun Sen)
Umapati . Parijata Harana edited by Grierson (Bihar and Orissa Research Society Vol. III, 1917)
Grierson . Vernacular Literature of Hindustan.

PALI

Anderson Pali Reader.
Frankfurter Pali Handbook
Muller .. Simplified Pali Grammar
Victor Henry . Precis de Grammaire Palie
Vidhusekhar Sastri Pali Prakasa

PRAKRIT

Vararuchi .. Prakrita Prakasa
Rahasekhara . Karpuramanjari
Cowell Introduction to Prakrit

PERSIAN

New Persian Selections (Board of Examiners),

Kanga	...	Selections from Persian Prose and Poetry.
Platts and Ranking		Persian Grammar
Rosen		Ditto
Kanga		Hints on the Study of Persian

MENTAL AND MORAL PHILOSOPHY

Paper I.—History of Ancient European Philosophy.

The following books are recommended —

Ueberweg		History of Philosophy
Caird		Development of Theology in the Greek Philosophers
Zeller		Plato
or		
Zeller	...	Aristotle
or		
Gomperz		Greek Thinkers, Vol IV.

Students will be expected to have a special knowledge of the system of Plato or Aristotle and to show an acquaintance with the following special texts:

Either
Plato's Republic
or
Aristotle's Metaphysics

Paper II.—Mediæval and Modern European Philosophy.

The following books are recommended —

Erdmann	..	History of Philosophy, Vol. II
or		
Adamson	..	Development of Modern Philosophy
De Wulf		History of mediæval Philosophy Longmans),
Rand		Modern Classical Philosophers (Constable)
Perry	..	Present Philosophical Tendencies
Hume	..	Inquiry concerning Human Understanding
Watson	..	Philosophy of Kant as contained in extracts from his own writings.

Paper III.—Outlines of Indian Philosophy.

The following books are recommended —

Max Muller	..	Six Systems of Indian Philosophy.
Daussen		Philosophy of the Upanishads
Rhys Davids	..	Indian Buddhism (Hibbert Lectures)
Madhavacharyya	.	Sarvadarsana Sangraha (Cowell and Gough). [Charvaka, Bauddha, Arhata, Ramanuja, Vaiseshika, Nyaya, Sankhaya and Patanjala Systems)
Sankara		Commentary on the Vedanta Sutras, Second Adhyaya, Padas I and II only (Thibaut)

Ramanuja	...	Commentary on the Vedanta Sutras, Introduction and the first Sutra, Pada I, Adhyaya I.
Seal, B. N.	..	Positive Sciences of the Hindus [Chapters I (pp. 1-56,) VI (pp. 218-219), and VII].

Papers.—IV-VII—(i) Psychology

The following books are recommended —

James	.	Principles of Psychology.
Wundt	..	Outlines of Psychology.
Stout	.	Analytic Psychology.
Macdougall	.	Physiological Psychology
Lloyd Morgan	..	Comparative Psychology.
Kulpe	.	Outlines of Psychology.
Villa	...	Contemporary Psychology.

(ii) Logic.

Students are allowed to take up any *one* of the following two alternative courses in Logic —

(*a*) Logic as Epistemology and Inductive Logic and Methodology
(*b*) Logic as Metaphysics and Dialectic.

The following books are recommended —

(*a*) *Logic as Espistemology and Inductive Logic and Methodology.*

Lotze		Logic
Bosanquet	...	Logic
Mill	...	System of Logic
Hobhouse		Theory of Knowledge
Venn	.	Emperical Logic
Jevons	...	Principles of Science.
Keynes	..	Formal Logic

Eneyclopædia of the Philoscphical Sciences. (Macmillan)

(*b*) *Logic as Metaphysics and Dialectic*

Kant	...	Critique of Pure Reason.
Fichte	...	The Science of Knowledge, translated by A E Troeger, with a preface by W. T Harris (Trubner & Co)
Wallace	.	"Logic of Hegel" and "Prolegomena."
McTaggart	...	Studies in Hegelian Dialectic.
Lotze	.	Metaphysics.

(iii) Ethics and Social Philosophy.

The following books are recommended —

Green		Prolegomena to Ethics.
Martineau	...	Types of Ethical Theory.
Sidgwick	..	Methods of Ethics.
Wundt	...	Ethics.
Hurbert Spencer	...	Principles of Ethics.
Kant	..	Theory of Ethics (Abbott).
Sterrett	..	Ethics of Hegel.
Herbert Spencer	..	Principles of Sociology, Vols. I and II (Political Institutions only).
Gidding	...	Principles of Sociology.
Lester Ward	...	Dynamic Sociology, Vols. I and II.

(*iv*) *Philosophy of Religion.*

The following books are recommended —

Lotze	...	Outlines of the Philosophy of Religion.
Hegel	...	Philosophy of Religion (Spiers and Sanderson), Part I.
Martineau	...	Study of Religion
Pfleiderer		Philosophy and Development of Religion, Vol I (Gifford Lectures).
Royce	.	The World and Individual (Both series)
Ward	. .	Realm of Ends (Pluralism and Theism)
Ward	.	Agnosticism and Naturalism.

(*v*) *Special Branch of Indian Philosophy*

Any one of the three following groups —

(1) The Nyaya Sutras of Gautama with Bhashya of Vatsyayana.
Vartika of Udyotkara and Vritti of Visvanatha
The Bhasha-Parichcheda with Siddhanta Muktavali
The Kusumanjali of Udayana with commentary

(2) The Sankhya Karika of Isvarakrishna with Sankhya Tattvakaumudi of Vachaspati Misra
The Sankhya Sutras with Sankhya Provachana Bhashya of Vijnanabhikshu

HISTORY

The following are the selected periods and the following are the books (A) recommended for study and (B) named as books that may be referred to or consulted by candidates Candidates are expected to possess a thorough acquaintance with the works marked with an asterisk —

(A) Books recommended for study—

PAPER I —*Selected period of English History, from 1756 to 1815, excluding the History of British India*

*Lecky	. .	History of the Eighteenth Century.
*Robertson	..	England under the Hanoverians.
*Rose	...	Revolutionary and Napoleonic Era.
Burke	..	Present Discontents, Two Speeches on America.
Rose		Napoleon and Pitt.

PAPER II —*Selected period of Indian History, from 600 B. C.—900 A. D.*

*Manu	...	Institutes (Translated by Buhler)
*Kautilya	...	Arthasastra (Translated by R. Shama Sastri.)
Rhys Davids	...	Buddhist India.
V A. Smith		Asoka.
*R G. Bhandarkar	...	Early History of the Deccan.
*Megasthenes	...	Indica.
The Periplus of the Erythrean Sea (Translated by Schoff)		
*Fa Hian	...	Travels (Translated by Legge).
*Yuan-Chwan	...	Travels in India (Translated by Watters)
*V. A. Smith	.	Early History of India (Latest Edition)

* Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

(Students are expected to possess a general knowledge of the Ancient Geograghy of India.)

PAPER III—*General History of the Ancient East.*

Breasted	...	History of Egypt
Ditto	.	Development of religion and Thought in Ancient Egypt
Jastro	...	Civilisation of Babylonia and Assyria
King	.	History of Babylon

PAPER IV.—*Constitutional History of England.*

Stubbs	..	Constitutional History of England.
Hallam	..	Ditto ditto
Erskine May	.	Ditto ditto

Documents and Extracts illustrative of English Constitutional History (Calcutta)

PAPER V —*International Law.*

Hall	.	International Law
Wheaton	.	International Law (Ed Phillipson)
Stowell and Munro	.	International Cases, 2 Vols

PAPERS VI AND VII —*History of Islam*

*Muir		Caliphate
*Zeydhan		Umayyadas and Abbasides
*Khuda Buksh	..	Islamic Civilisation
*Goldziher		Mohammed and Islam (Tr Seelye) (Yale University Press)
Freeman		History and Conquest of the Saracens
Gibbon		Decline and Fall of the Roman Empire, Chapters 56-59, 64, 65, 67, 68
Ameer Ali		History of the Saracens
*Elphinstone		History of India
*Elliott	..	Ditto
*Ferishta		History of the Rise of the Mohammedan Power (Tr Briggs)
*Babar	...	Memoirs (Tr. Talbot)
Owen	.	India on the eve of the British Conquest
*Owen	..	Fall of the Moghul Empire.
Keene	..	Ditto ditto
*Hitti		Origins of the Islamic State (Columbia University Press)
*Aghnides	..	Mohammedan Theories of Finance (Columbia University Press).

*Cambridge Mediæval History, Vol II, Chapters 10-12

Special period of Indian History from 1765-1805

*Mill's History of British India, edited by Wilson (From Chapter VII of Book IV to the end of Book VI)

Sir Alford Lyall		The Rise and expansion of the British Dominion in India
Malcolm	...	Political History of India
Owen		India on the eve of the British Conquest

*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

*Owen	..	Fall of the Moghul Empire
Keene	..	Ditto ditto.
*Grant Duff		History of Mahrattas
Bowring	...	Haidar Ali and Tipu Sultan (Rulers of India Series)
R. C. Dutt	.	Economic History of India under Early British Rule
Gholam Hossian Khan	...	Seir Muttaqherin Sections XII, XIII and XIV
*Forrest	.	Selections from State Papers, 1772-85 (Portions relating to the Rohilla War, Warren Hastings' relation with Nandakumar, Chait Sing and the Begums of Oudh).
*Owen ...	.	Selections from Wellesley Despatches

*Fifth Report of the Select Committee on the affairs of the East India Company, Bengal Presidency, including Grant's Analysis

Economic History of England and India.

*Cunnigham	.	Growth of English Industry and Commerce
*Bowley	...	History of England' Foreign Trade in the XIXth Century.
Traill	.	Social England, Vol VI, Economic Section
Buxton	...	Finance and Politics
*Ashley ...	...	Economic Organisation of England

Imperial Gazetteer of India, Vol III (Economic)
History of Commerce in India 1765-1918

Comparative Politics

*Kautilya ...	..	Arthasastra (Trans Shama Sastri)
Pramathanath Banerjea	...	Public Administration in Ancient India
*Aristotle .	...	Constitutions of Athens (Tr Poste)
Zimmern	.	Greek Commonwealth.
*Coulanges . .	...	Ancient City (Tr Small).
Warde Fowler ..	..	The City State of the Greeks and Romans
Maine . .	...	Ancient Law
*Sidgwick .	...	Growth of European Polity
*Freeman	.	Comparative Politics
*Lowell .	..	Governments and Parties in Continental Europe
*Allen Smith . .		Spirit of American Government
*Allen	.	Evolution of Governments and Laws
Ogg	...	Government of Europe

Special period of European History—The French Revolution to the death of Robespierre

*Cambridge Modern History, Vol. VIII		
*Mignett	..	History of the French Revolution
*Thiers .		History of the Great French Revolution
De Tocqueville ...	...	France before the Revolution
*Acton ...	...	Lectures on the French Revolution

* Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

*Carlyle	...	History of the French Revolution, edited by Flecher or Rose
*Burke		Reflections on French Revolution
* Do	.	Letters on Regicide Peace
*Young	.	Travels in France during the years 1787-89
*Aulard	.	Political History of the French Revolution
*Wickham Legg	...	Select documents of the French Revolution
Putzger	...	Historical Atlas

(B) Books that may be referred to or consulted

Paper I

Hassal	.	Balance of Power
Morse Stephens	..	Revolutionary Europe
Seely	.	Life and Times of Stein
Carlyle	.	Frederick the Great
Arthur Young	.	Travels in France
De Tocqueville	..	France before the Revolution of 1789
Mahan	...	Influence of Sea Power upon the French Revolution
Napier		History of the Peninsular War
Goldwin		Three English Statesmen
Rose	.	Nepoleon

Paper III

Petrie and Mahafly	...	History of Egypt
Ancient Records		Egypt, translated by Breasted
Brugsch	.	Egypt under the Pharaohs
L W. King H. R. Hall	..	Egygt and Western Asia in the light of recent discoveries
John Garstang	.	Burial Customs of Ancient Egypt
Maspero	..	Dawn of Civilisation
Ditto	...	Struggle of the Nations
Ditto		Passing of the Empires
G E Smith	..	Ancient Egyptians
Rogers	..	History of the Assyrians and Babylonians
Perrot and Chipiez		History of Egyptian Art

Paper IV

Dicey	..	Law of the Constitution
Do	.	Law and Public Opinion in England
Hearn	..	Government of England
Anson	...	Law and Custom of the Constitution
Hassal and Wakeman	...	Constitutional Essays
Maitland	.	Constitutional History of England
Lowell	..	Government of England
Stubbs	.	Select Charters, ed. Davis
Prothero	..	Select Statutes and Constitutional Documents
Gardiner	.	Constitutional Documents of the Puritan Revolution

* Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

Paper V

Oppenheim	. Treatise on International Law
Higgins	. Hague Peace Conference
Woolsey	... Introduction to International Law
Maine	Lectures on International Law
Scott	Cases on International Law
Westlake	International Law (Two parts)

Papers VI and VII

History of Islam

Al Suyuti	History of the Caliphs (Tr Jarrett)
Price	Mohammedan History from Persian Authorities
Malcolm	History of Persia
Creasy	Ottoman Turks
Freeman	Ottoman Power in Europe
Bayley	Guzerat
Tabakat-i-Nasiri, translated by Raverty	
Muntakhab-ul-Tawarikh, translated by Ranking	
Ain-i-Akbari, translated by Blochman and Jarrett	
Akbar Nama, translated by Beveridge	
Jadunath Sarkar	India under Aurangzeb
Memoirs of Jehangir, edited and translated by Rogers and Beveridge (Oriental Translation Fund Series)	
J N Dass Gupta	India in the Seventeenth Century (University Readership Lectures)
Bury	Later Roman Empire
Finlay	History of Greece, Vols I—III
Hurgronje	Mohammedism
Degoeje	Caliphate (Ed Brit)
Weil	Islamic Peoples, translated by Khoda Buksh
Muir	Life of Mohammed
Ameer Ali	Spirit of Islam
Renan	Studies in Religious History (Islam)
Dozy	Spanish Islam
Lane Poole	.. History of Egypt Middle Ages)
Ditto	Moors in Spain
Haines	Islam and Christianity in Spain
Ferrier	History of the Afghans
Count Von Noel	. Life of Akbar, translated by Beveridge
Osborn	Islam under the Arabs
Ditto	Islam under the Khalifs of Baghdad

Economic History of England and India

Macpherson	. Annals of Commerce
Rogers	Six Centuries of Work and Wages
Ditto	. Industrial and Commercial History of England
Ditto	. Economic Interpretation of History
James Bonar	... Philosophy and Political Economy
Dowell	History of Taxation and Taxes in England
Macpherson	. History of European Commerce with India
Macdonnell	Report on the Food-grain supply in Bengal and Bihar, 1873-74

Ranade	...	Essays on Indian Economics
Dutt	...	India in the Victorian Age
Morrison	.	Industrial Organisation of an Indian Province
Lipson	.	Economic History of England (the Middle Ages)

Report of the Famine Commission, 1898

Comparative Politics

Greenidge	...	Greek Constitution History
Ditto	..	Roman Public Life
Jenks		Law and Politics in the Middle Ages
Freeman	.	History of Federal Governments
Do	...	Greater Britain and Greater Greece.
Guizot		History of Civilization
Bryce		Holy Roman Empire
Do		Studies in History and Jurisprudence
Do		American Commonwealth
Lecky		Democracy and Liberty
Hammond		Comparative Politics
Maine		Popular Government
Temperly		Second Chambers
The Federalist		

History of the French Revolution

Michelet		Historical View of the French Revolution
Smyth		Lectures on the French Revolution
Von Sybel		History of Europe during the French Revolution
De Tocqueville		French Revolution
Taine		Ditto
O'Connor Morris		Ditto
Morse Stephens	...	History of French Revolution
Ditto	...	Principal speeches of Statesmen and Orators of French Revolution
Madelin		French Revolution in National History of Franch
Mahan	...	Influence of Sea Power on French Revolution
Rose		Pitt and Napoleon.
Clapham		Causes of the War of 1792
Mortimer Ternaux		History of the Terror
Morley		Critical Miscellanies, Vol. I, (Robespierre)
Do	.	Rousseau
Willert	...	Mirabeau

ANCIENT INDIAN HISTORY AND CULTURE

Compulsory Papers

(1) General History of Vedic and Epic India.

*Weber	.	History of Indian Literature (page 1—195).

*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

*MacDonell	...	History of Sanskrit Literature (Chaps. I—X)
*Hopkin		The Great Epic of India.
*D. R. Bhandarkar		Carmichael Lectures, First Series (1918)
*Muir	.	Sanskrit Texts, Vol V.
Kaegi		Rigveda
Zimmer		Altindesches Leben, Book I, Ch. 4, and Book II,Ch. 1.

(2-3) Political History of the post-Epic Period

*V A Smith		Early History of India
*Bombay Gazetteer, Vol. I,		
Krishnaswami Aiyangar	..	Ancient India
*Pargiter		Dynasties of the Kali Age
*Inscriptions relating to Pal and Sen Dynasties		
*D R Bhandarkar		Carmichael Lectures, First Series (1918)
*Stein		Rajatarangini (Introduction only)

(4) Historical Geography of Ancient India

*Cunningham		Ancient Geography of India
*Periplus of the Errythrean Sea		
*Ptolemy	...	Geography of India
*Watters	..	Yuan Chwang
Fleet		Topographical List of Bihatsamhita (Indian Antiquary, 1893, pp 169—195)
Vivien de St Martin	.	Etude sur la geographie et les populations primitive du nord-ouest de L'Inde d'apres les Hymnes Vedicque.
Pargiter		Translation of Markandeya Purana (Bhuvanakosa only).
Foucher		Notes on the Geography of Gandhara.

*Reports of the Archæological Survey of India about Taksasila, Isipatana, Vaisali, Sravasti, Rajagriha and Kusinara

Optional Papers

I Archæology

(1) Epigraphy

*Inscriptions of Asoka
*Inscriptions of Kharavela and Satavahana Kings
*Inscriptions of the Kshatrapa families
*Inscriptions of the Imperial Gupta Dynasty.

(2) Fine Arts and Iconography

*V. A. Smith	..	History of Fine Arts in India and Ceylone
*Havell	.	Indian Sculpture and Painting.
*Gopinath Rao		Elements of Hindu Iconography.
*Grunwedel	...	Buddhist Art

*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk

(3) *Numismatics*

Smith	... Catalogue of the Coins in the Indian Museum (Up to the end of the Gupta period)
*Rapson	... Catalogue of Coins Andhras, western Ksatrapas, etc
*Allan	.. Catalogue of Coins Gupta Dynasties.
*Whitehead	.. Catalogue of the Coins of the Punjab Museum Lahore, Vol I

(4) *Ancient Architecture*

*Ferguson	. History of India and Eastern Architecture, Vols I—II
*Havell	Ancient and Mediæval Architecture of India

II. Social and Constitutional History

(1—3) *Social and Economic Life and Administration*

*Zimmer	Altindesches Lebens
Rhys Davids	Budhist India
*Hillebrandt	. Ritual literature, Chaps, I-II (Grundriss)
*Fick	Die Sociale Gliedrung in Nordostlichen Indien
Mrs Rhys Davids	Notes on Early Economic Conditions in Northern India (Jour R As Soc, London, 1901, pp 859—888) Economic Journal for 1901
*Kautilya	Artha-Sastra
*Mahabharata-Santiparvam—Sections 56—157	
Banerjea (P. N)	. Public Administration in Ancient India
*Manu	. Institutes (trans Buhler)
*Gautama, Baudhyana, Apastamba and Vasistha Dharma Sutras. (Sacred Books of the East Series)	
*Alberuni	... India (omiting the mathematical details), trans Sachan
*Periplus of the Errythrean sea	
Rawlinson	India aad the Western World.
*D. R. Bhandarkai	Carmichael Lectures, First Series (1918)

(4) *Ethnology*

*Keane	Ethnology.
*Biane	. Ethnography (from the Grundriss)
*Risley	.. Caste, Tribe and Race (in the Report on the Census of India for 1901)
* Do	. Peoples of India
*Senart	.. Castes in India (Indian Antiquary, 1912, pp 101—114 and pp 129—139)
*D. R. Bhandarkar	.. Foreign Elements in the Hindu Population (Indian Antiquary, 1911, pp 7—37)

*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

Ramaprosad Chanda — The Indo-Aryan Races.
*Risley ... Manual of Anthropometry
Craniological Data from the Indian Museum, Calcutta.

III. Religious History

General

*Hopkin .. Religions of India (Handbook on the History of Religions Series).
*Barth . Les Religions de L'Inde et Bulletins des religions de L'Inde, Vols I and II

(1) *Vedic Religion*

*Bloomfield . Religion of Veda
*MacDonell .. Vedic Mythology.
*Hillebrandt Ritualliteratur, Chaps. I, III and IV.

(2) *Epic and Pauranic Religions*

R. G Bhandarkar — Vaishnavism, Saivism and Minor Religious Systems (omitting XIX-XXV of Part I)

(3) *Buddhism*

*Rhys Davids — American Lectures
*Mrs Rhys Davids . Buddhism
*Kern — Manual of Indian Buddhism.
*Spence Hardy . Manual of Buddhism
*Oldenberg ... Buddha
*Itsing — Records of the Buddhist Religion (Takakusu)
*Fa Hian ... Travels (Legge)
*Warren — Buddhism in Translations
*Hoernle ... Menuscript remains of Buddhist Literature found in Eastern Turkestan, Vol. I (the translations and notes only)

(4) *Jainism*

*Jacobi . Introduction and Translation of the Jaina Sutras Parts I & II (Sacred Books of the East, Vols XXII& XLV)
*R. G Bhandarkar ... Report on the Search of Sanskrit Manuscript in the Bombay Presidency during the year 1883-4, pp. 91—157
*Buhler ... On the Indian Sect of the Jainas (translated and edited with an outline of Jaina Mythology by Burgess)
*Vijayanandasuri ... Sri-Jainatattvadarsa

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*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

IV. INDIAN ASTRONOMY AND MATHEMATICS
(I) MATHEMATICS

Selected text on Mathematics for critical, historical and comparative study.—

Sulva-Sutras

*Thibaut	...	On the Sulva-Sutras J A S B Vol. 44 The Pandit, Vols. 9 & 10 (Old Series, Vols 1 & 4 (New Series)
Burk	..	Das Apastamba Sulva-Sutras Z. D. M. G, Vols. 55 & 56

(2) MATHEMATICS

History of Mathematics, with special reference to the works of Aryyabhatta I, Varaha Mihira, Brahmagupta, Aryyabhatta II, Mahavira, Sridhara and Bhaskaracharyya

The following books are recommended —

*Aryyabhattiyam		Edited by Dr. Kern
Brahma-sphuta-siddhanta	..	Edited by Pd. Sudhakara Dvivedi
Maharyya-siddhanta of Aryyabhatta II		
*Mahavira	...	Ganita-sara-samgraha (Madras)
Sridhara	..	Trisatika edited by Pd. Sudhakara Dvivedi
Do.	...	Edited by G. R Kaye and K. Ramanujacharya
Lilavati and Vija-ganita	...	Edited by Pd Sudhakara Dvivedi
Ditto		Edited by Pd. Radhaballabh Jyotistirtha
Lilavati		Edited by H C Banerji
*Colebrooke	.	Translation of the Lilavati and the Vijaganita, and the Chapters on Mathematics in the Brahma-sphuta-siddhanta

Rekha-ganita of Jagannath of the court of Jaysimha. Vol. I, 1901 Vol. II, 1902. Bombay

Smith, D E	..	Hindu Arabic Numerals
Schubert, H.		Mathematical Essays and Recreations, translated by T J McCormack

(3) ASTRONOMY

Selected Text on Astronomy for critical, historical and comparative study —

*Suryya-Siddhanta

Edition and Translations recommended —

Suryya-Siddhanta	.	Edited by Pd, Bapudev Shastri and Fritx E Hall
Ditto	.	Translated by Burgess & Whitney, J Am Orient. Society, Vol. VI
Ditto	..	Edited by Vijnanananda Swami

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* Candidates are expected to posses a thorough acquaintance with the books marked with an asterisk.

(4) ASTRONOMY

History of Astronomy, with special reference to Jyotisa-Vedanga, Jaina Astronomy, the (modern) Suryya-siddhanta, and to the works of Aryyabhatta I, Varaha Mihira, Brahmagupta, Aryyabhatta II, Munjala, and Bhaskaracharyya

The following books are recommended —

Jyotisa Vedanga	..	By "Varhaspatya" (Lala Chhote Lall)
Yajusa Jyotisam	...	By Pd Sudhakara Dvivedi
*Thibaut	...	Contributions to the Study of the Jyotisa- Vedanga J. A. S. B., 1877
Do.	..	On the Suryya-prajnapti. J. A. S. B., 1880
*Arryyabhattiyam	..	Edited by Dr. Kern.
*Pancha-siddhantika	..	Translated by Dr. Thibaut and Pd. Sudhakara Dvivedi
*Kern	..	Preface to the Brihat-Samhita of Varaha Mihira (Collected Works, Vol. 4)
Brahma-sphuta-siddhanta	...	Edited by Pd. Sadhakara Dvivedi
Maharyya-siddhanta		
Munjala	...	Laghumanasa
Satananda	...	Bhaswati
*Bhaskara	...	Siddhanta Siromani, edited by Pd Bapudev Shastri
Do.	...	By Pd. Bapudev Shastri and Wilkinson
Sudhakara Dvivedi	. .	Ganaka-tarangini
Yogeshchandra Ray	...	Amader Jyotish O Jyotisi
Siddhanta-sekhara of Jagannath of the Court of Jaysimha		
*Bentley, J.	...	Hindu Astronomy
Bailley, J. F		Histoire de l'astronomie ancienne depuis son origine jusqu'a l'establishment be l'ecole d'Alexandria (1871)
Playfair	...	(1) On the Astronomy of the Brahmans (2) On the Trigonometry of the Brahmans. Collected Works, Vol, III
*Brennand	..	Hindu Astronomy
Whitney	...	Oriental and Linguistic Studies (Series II, 1875). The twelfth Essay
* Do.	...	The Lunar Zodiac, on the views of Biot and Weber respecting the relations of the Hindu and Chinese systems of asterisms, with an addition on Muller's views, etc.
Max Muller	..	On Ancient Hindu Astronomy and Chronology (Preface to Rig Veda, Vol. 4)
*Thibaut	.	Grundriss der Indo-arischen Philologie, Vol. III, No. 9 Articles in the "Indian Thought" on the History of Indian Astronomy
Bhau Daji	...	Literary Remains
Tilak	...	The Orion
Do.	...	The Arctic Home of the Vedas

*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

Jones	...	Articles on Indian Astronomy, Collected Works, Vol. I
Davis, S.		On Hindu Astronomy, As. Res., Vol. II
Montucla	...	Histoire des Mathematiques, Vol. I, Part I, Book 3
Delambre	...	Histoire de Astronomie, Vol. I
Marie	.	Historic des Sciences Mathematiques et physiques, Vol. II (The Articles on Aryyabhatta, Brahmagupta, Bhaskara)
Cantor		Geschichte der Mathematik

POLITICAL ECONOMY AND POLITICAL PHILOSOPHY

PAPERS I AND II

Genaral Economics

*A Marshall	...	Principles of Economics
*Taussig	.	Principles of Political Economy
Withers	.	Money Changing
*Bastable		International Trade
Pigou	..	Wealth and Welfare
Todd	..	Mechanism of Exchange
Bortholomew and Lyde	..	Atlas of Economic Geography (for reference)

PAPER III

General Principles of Political Philosophy

*Sidgwick	..	Principles of Politics
J S Mill	.	Liberty
*J. S. Mill		Representative Government
*Green		Lectures on Political Obligations
*Willoughby		Nature of the State
Hobhouse		Social Evolution and Political Theory

PAPER IV

Public Administrations

*Lowell	.	Government of England
*Dicey	...	Law of the Constitution
*Bastable	.	Public Finance
*Keith		Responsible Government in the Dominions
Egerton		Rise and Growth of British Colonies
P. Mookerjee	...	Indian Constitutional Documents
Aiyyangar	.	Indian Constitution

Imperial Gazetteer of India—Vol IV (Administrative)

Fifth Repot of the Select Committee of the House of Commons, 1812 (Extracts and Documents published by the Calcutta University and Introduction to "Early Revenue History of Bengal," by Ascoli)

Fifth Decennial Report on Moral and Material Progress, 1913

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*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk

GROUP A

PAPER V

General History of Economics

*Haney	History of Economic Thought
Gide and Rist	A History of Economic Doctrines
Meredith	Economic History of England (from the Industrial Revolution)
Cunningham	Progress of Capitalism in England
Lucas	Beginnings of English Overseas Enterprise
*Malthus	Population (Selections, Economic Classic Series, Macmillan & Co)
*Ricardo	Political Economy (Selections, Economic Classic Series, Macmillan & Co.)
*Mun	England's Treasure by Foreign Trade (Economic Classic Series, Macmillan & Co)

PAPERS VI AND VII

(*i*) *The History, Theory and Present System of Banking and Currency*

*Conant	Principles of Money and Banking
Pierson	Principles of Economics, Vol I Part II (Money)
*Fisher	Purchasing Power of Money
*Dunbar	History and Theory of Banking
Burton	Commercial Crises
*Withers	Stocks and Shares
Andreades	History of the Bank of England
Layton	Introduction to Study of Prices

Marshall's Evidence, Gold and Silver Commission, 1888
Report of the Royal Commission on Indian Currency and Finance, 1914

(*ii*) *History, Theory and Present Organisation of International Trade*

Chapters bearing on the subject in Richardo, J S Mill and Cairnes

List	National System of Political Economy Book II
*Pigou	Protective and Preferential Import Duties
Giffen	The Use of Import and Export Statistics (Essay IX in Vol. I of Economic Inquiries and Studies)
Goschen	Foreign Exchanges
P Ashley	Modern Tariff History
Taussig	Tariff History of the United States
Bowley	England's Foreign Trade in the XIXth Century
*Brown	International Trade and Exchange
*Taussig	Aspects of the Tariff Question
Clare	A B C. of Foreign Exchange
Marshall	White Paper on Tariff Policy

*Candidates are expected to possess a thorough acquaintance with books marked with an asterisk.

Views of the Government of India on the Question of Preferential Tariff's 1904, Cd. 1931.

Review of the Trade of India (latest issue)

(iii) The Theory and Practice of Statistics, including Demography

*A. L Bowley	..	Elements of Statistics
*Giffen		Economic Inquiries and Studies, 2 Vols
Giffen	.	Statistics
Bowley		Measurement of Social Phenomena
Mayo Smith	.	Statistics and Economics
*Yule		Introduction to Statistics

The Jubilee Volume of the Royal Statistical Society

British and Foreign Trade and Industries, being Memoranda, etc., prepared by the Board of Trade (commonly called the Fiscal Blue Books) Imperial Gazetteer, Vol I, Chapters IX and X

Moral and Material Progress of India—Decennial Edition, 1913

(iv) Mathematical Economics

*Cunnynghame		Geometrical Political Economy
*Cournot		Mathematical Principles of the Theory of Wealth (Economic Classic Series, Macmillan & Co)
*Jevons	..	Theory of Political Economy
Marshall	..	Principles of Economics (Mathematical Appendices)
*Pantaleoni		Pure Economics
Edgeworth	.	Mathematical Psychics
Wicksteed		Alphabet of Economic Science
*Wicksteed		Common Sense of Political Economy

Articles by Flux, Seager, Chapman, Pigou and Edgeworth in the Economic Journal (bearing on Mathematical Economics)

Pigou		Wealth and Welfare

(v) Elements of Statistics and the Mathematical treatment of Economic Theory

Giffen	..	Statistics
Mayo Smith		Statistics and Economics
*Yule		Introduction to Statistics
*Cunnynghame		Geometrical Political Economy
*Cournot		Mathematical Principles of the Theory of Wealth (Economic Classic Series, Macmillan & Co.)
*Pantaleoni	.	Pure Economics
*Wicksteed	...	Common Sense of Political Economy

GROUP B

Paper V—General History of Political Philosophy

Theories of the State contained in—

*Aristotle	...	Politics
*Hobbes	..	Leviathan
*Locke	.	Second Treatise on Government
*Rousseau		Social Contract

*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk

*Cant	.	Principles of Politics (Hasties' translation of the four Essays on Political Theory)
*Bentham	...	Fragment on Government
*Bosanquet	.	Philosophical Theory of State
*Dnnning	.	History of Political Theories— (a) Ancient and Mediæval. (b) From Luther to Montesqueu

Papers VI *and* VII

Comparative Study of Political Institutions

*Kautilya		Arthasastra (Trans Shama Sastri)
Pramathanath Banerjea		Public Administration in Ancient India
*Aristotle	...	Constitution of Athens (Tr Poste)
*Zimmern		Greek Commonwealth
*Coulanges		Ancient City (Tr Small)
*Warde Fowler		The City State of the Greeks and Romans
*Maine		Ancient Law
*Sidgwick		Growth of European Polity
*Freeman		Comparative Politics
*Lowell		Governments and Parties in Continental Europe
*Allen Smith		Spirit of American Government
*Allen		Evolution of Government and Laws
Ogg		Governments of Europe
Sidney Low		Governance of England

Comparative Study of Social Institutions

Comte		Positive Philosophy (Tr Miss Martineau, Book VI)
Lester Ward		Dynamic Sociology, Vols I-II
*Giddings		Principles of Sociology
Mayo Smith	...	Sociology, Vol II
*Tylor		Primitive Culture
Fraser		Totemism and Exogamy, Vol II
Lecky	..	History of Morals in Europe
*Mackenzie	..	Introduction to Social Philosophy
C D Wright		Elements of Practical Sociology
Risley		Peoples of India
Gait		Census Report for India, 1911
Harold Mann		Deccan Village

International Law with reference to existing Political and Economic Institution,

*Hall	.	International Law
*Westlake		International Law (Peace and War) 2 Vols
*Higgins		Hague Peace Conferences
*Wheaton		International Law edited by Philipson
*Pitt Cobbett		Cases on International Law, 2 Vols.
*Stowell and Monro	.	International Cases, 2 Vols.

* Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

Paper VIII Essays

GROUPS A AND B

Candidates will be required to write an essay on some topic connected with one of the following subjects the essay must treat the topic chosen by the candidate with a special reference to Indian conditions —

1 Famines
2. Co-operation
3 Railways
4 Industrial Organisation
5 Currency Problems
6 Land System

M.A. AND M Sc EXAMINATIONS, 1920

PURE MATHEMATICS.

Note—It is to be understood that, in the following list of books, wherever a book is recommended for a subject, students are expected to read those parts of the book only which deal with that particular subject

1. Higher Algebra—

Chrystal	Algebra, Part II, Chapters 23-28 32-34
C Smith	A Treatise on Algebra

2. Higher Plane Trigonometry—

Hobson	Plane Trigonometry

3 Spherical Trigonometry—

Casey	. Spherical Trigonometry
Todhunter	. Spherical Trigonometry (Ed. Leathem)

4. Theory of Equations and Algebra of Quantics

Burnside and Panton	Theory of Equations
Glenn	... Theory of Invariants. (Ginn & Co)
Elliott	Introduction to the Algebra of Quantics

5 Plane Analytical Geometry, including Higher Plane Curves—

Salmon	Conic Sections
Ditto	Higher Plane Curves
Basset	.. Treatise on Cubics and Quartics

6 Geometry of Surfaces—

Salmon	Geometry of Three Dimensions, 5th Ed, Vol I, Chapters I-X
Bell	Analytical Geometry of Three Dimensions
Forsyth	Differential Geometry, Chapters I-V

7. Differential Calculus—

Edwards	. Differential Calculus
Williamson	. Ditto
Goursat	. Mathematical Analysis, Vol I (Trans Hedricks), (Ginn & Co)

8. Intergral Calculus—

Williamson	... Integral Calculus
Todhunter	Ditto
Goursat	... Mathematical Analysis, Vol. I (Trans Hedricks), (Ginn & Co,)

9 Differential Equations—

Forsyth . . Differential Equations

10. Calculus of variations—

Bolza .. Calculus of Variations, Chapters I-III

11. (*a*) Theory of Functions—

Either of the following alternative courses —

A.

MacRobert — Functions of a Complex Variable (Macmillan & Co.)

Townsend .. Functions of a Complex Variable (Henry Holt & Co.)

B

Hobson — Theory of Functions of a Real Variable, omitting Chapter II

(*b*) Theory of Groups—

Miller, Blichfeldt and Dickson . Finite Groups (John Wiley & Sons)

Burnside — Theory of Groups

Klein . Lectures on Icosahedron (Tr. Morrice), Part I only

(*c*) Finite Differences and Calculus of Functions—

Boole — Finite Differences

Burn and Bron — Ditto

Carmichael . Calculus of Operations

Herschel — Examples of Calculues of Finite Differences

Babbage — Examples of Functional Equations

De Morgan . Calculus of Functions

(*d*) Vector Analysis and Quaternions—

Joly ... Quaternions

Hamilton — Elements of Quaternions, Ed. Joly Vol I, Books I—II

(*e*) Projective Geometry—

Either of the following alternative courses —

A

Mathews . Projective Geometry

Durell — Plane Geometry for Advanced Students, Vol II

Gremona .. Projective Geometry

Hilbert . Foundations of Geometry (Trans. Townsend) (Open Court Publishing Co.)

B

Lobacheosk ... Theory of Parallels (Trans. (Halsted), (Open Court Publishing Co.)

Bolyai — Science Absolute of Space (Trans. Halsted), (Open Court Publishing Co.)

Bonola . Non-Euclidean Geometry (Trans. Carslaw), (Open Court Publishing Co.)

Carslaw . Non-Euclidean Geometry and Trigonometry

Sommerville	.	Non-Euclidean Geometry
Manning		Geometry of Four Dimensions
(*f*) Theory of Numbers—		
Reid	...	Theory of Algebraic Numbers
Mathews	.	Theory of Numbers
Smith	...	Reports on the Theory of Numbers (Collected Papers, Vol. I, pp. 38-364)
Dedekind	..	Essays on the Theory of Numbers (Trans Beman), (Open Court Publishing Co)

MIXED MATHEMATICS

1 Advanced Statics, including Theory of Potential—		
Minchin		Statics
Routh		Do
2 Dynamics of a Particle—		
Besant		Dynamics
Routh		Dynamics of a Particle.
3. Rigid Dynamics—		
Routh	.	Elementary Rigid Dynamics
4. Hydrostatics, including Capillarity—		
Besant and Ramsey	.	Hydromechanics, Part I (Hydrostatics)
5. Hydrodynamics—		
Houstoun	...	Mathematical Physics, Chapter II
Besant and Ramsey		Hydromechanics, Part II
Lamb	.	Hydrodynamics
6. Spherical Astronomy—		
Ball		Spherical Astronomy
7 (*a*) Theory of Elasticity—		
Love	..	Theory of Elasticity, 2nd edition

Candidates are also recommended to refer to—

Todhunter and Pearson		History of Theory of Elasticity.
(*b*) Advanced Dynamics—		
Whittaker	..	Analytical Dynamics
A C Webster		Dynamics
Routh		Advanced Rigid Dynamics
Hertz	.	Principles of Mechanics
(*c*) Higher Parts of Spherical Astronomy—		
Chauvenet		Spherical Astronomy
Newcomb		Spherical Astronomy
(*d*) Lunar and Planetary Theories—		
Adams		Lectures on Lunar Theory
Darwin		Lectures on Lunar Theory (Scientific Papers, Vol V)
Airy		Mathematical Tracts
Brown	.	Lunar Theory
Cheyne		Planetary Theory
Moulton		Celestial Mechanics
(*e*) Figure of the Planets—		
Todhunter	..	History of the Theory of Attraction and the Figure of the Earth.
Thomson and Tait	..	Natural Philosophy

Airy	Mathematical tracts.
Airy	Figure of the Earth. (Enc Metr.)
Clark and Radau	Figure of the Earth. (Enc Britt)
Pratt	Figure of the Earth

(*f*) Theory of Tides—

Basset	Hydrodynamics [(Murray)
Darwin	Tides and Kindred Phenomena
Darwin	Tides (Enc. Britt)
Darwin	Scientific Papers
Airy	Tides and Waves (Enc. Metr.)
Love	Geodynamics

PHYSICS.

No text-books are prescribed or recommended The students are required to consult their Professors as to a suitable course of reading which should include the study of original Papers

CHEMISTRY

(*In addition to the books recommended for the B A and B Sc Pass and Honours Courses*)

(*a*) *Physical Chemistry*

Ostwald Walker	Physico-Chemical Measurements
Nernst (trans. by Lehfeldt)	Theoretical Chemistry, (4th edition).
Mellor	Chemical Dynamics and Reactions
Findlay	The Phase Rule
Lehfeldt	Electro-Chemistry
Vant' Hoff	Lectures on Theoretical and Physical Chemistry.
Jeans	Dynamical Theory of Gases
Travers	Study of Gases
Rutherford	Radio-Activity
Thomson	Thermo-Chemistry
Ostwald	Principles of Chemistry
E C Baly	Spectroscopy
S. Young	Stoichiometry

(*b*) *Inorganic Chemistry*

Bijtz	Inorganic Preparations
Myer	History of Chemistry
Fresinus	Qualitative Analysis and Quantitative Analysis
Sutton	Volumetric Analysis
Hempell	Gas Analysis
Treadwell and Hall	Analytical Chemistry, Vols I and II
Roscoe and Scholemmer	Treatise and Chemistry, Vols I and II
F M Perkin	Practical Methods in Inorganic Chemistry
Werner	New Ideas in Inorganic Chemistry.

(*c*) *Organic Chemistry*

Emil Fischer	Organic Preparations
Richter	Organische Chemie (9th edition)
Gatterman	Practical Organic Chemistry

J B. Cohen .. ... . Advanced Organic Chemistry
Sudborough ... ... Practical Organic Chemistry
J N Rakshit .. . . Identification of Carbon Compound.

Candidates for the M A or M.Sc Examination are required to consult original papers in the Chemical Society's Journals and other scientific periodicals, and also to consult the Annual Reports issued by the Chemical Society on the "Progress of Chemistry" in connection with the special subject taken up by them

GEOLOGY

No text-books are prescribed or recommended The subject is to be studied in accordance with the Syllabus prescribed in the Regulations.

BOTANY

No text-books are prescribed The subject is to be read in accordance with the prescribed Syllabus

ZOOLOGY AND COMPARATIVE ANATOMY

No text-books are prescribed The subject is to be studied in accordance with the prescribed Syllabus

PHYSIOLOGY

(No text-books are prescribed)

In Section 7, Chapter XXXVII of the Regulations, in first paragraph of the Syllabus in Physiology, for the M Sc. Examination the expression "a particular branch" be interpreted to mean one of the following branches —

1 Circulation and Respiration
2 Alimentation and Metabolism
3 Physiology of the Nervous System and the Organs of Sense
4 Nerve and Muscle Physiology
5 Histology and Reproduction

The four theoretical papers in Physiology be distributed so as to cover the following subjects —

Paper I Circulation, Respiration, Alimentation, Metabolism and Reproduction (compulsory to all candidates)

Paper II Nervous System and Muscular System (Candidates offering a piece of research work falling under the head of "Organs of Sense" will be exempted from this paper)

Paper III Organs of Sense, (Candidates offering a piece of research work falling under any of the following heads—Circulation, Respiration, Alimentation Metabolism, Reproduction, Nervous System, Muscular System and Histology will be exempted from this paper)

Paper IV. The branch of Physiology professed by the candidate for pecial study

The Practical Examination will include —

Paper I —Experimental Physiology (Candidates offering research work falling under the head of Histology or Chemical Physiology will be exempted from this paper)

Paper II Histology (Candidates offering research work falling under the head of Chemical Physiology will be exempted from this paper)

Paper III —Chemical Physiology

Paper IV —Candidate's special subject

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*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk

EXPERIMENTAL PSYCHOLOGY.

PAPER I

Physiological Psychology

Preparatory reading—

McDougall	. Physiological Psychology (Home University Library)—Nerves
*Lickley	. The Nervous System
*Greenwood	.. Physiology of the Special Senses (Selections)
Wundt	Physiological Psychology (Selections)
Ziehen	Physiological Psychology
*Titchener	Text Book of Psychology
*Myers	Text Book of Experimental Psychology
*Kulpe	Outlines of Psychology
Wundt	Outlines of Psychology
James	Principles (Selections)
Stout	Analytic Psychology (Selections)
Ladd and Woodworth	Elements of Physiological Psychology (Selections)

PAPER II

Abnormal Psychology

Preparatory reading—

Hart	. Psychology of Insanity
*Stoddart	The New Psychiatry
*Freud	On Dreams
*Mercier	.. Text Book of Insanity
*Binet	Alternation of Personality
*Sidis	Psychology of Suggestion
Sidis and Goodhart	Multiple Personality
Prince	Dissociation of Personality
Bruce	Clinical Psychiatry
Prince	The Unconscious

PAPER III

Animal Psychology

*Holmes	Evolution of Animal Intelligence
*Lloyd Morgan	Comparative Psychology
*Washburn	Animal Mind
*Thorndike	.. Animal Intelligence (Selections)
*Loed	.. Comparative Anatomy of the Brain and .. Comparative Psychology (Selections)
Romanes	.. Animal Intelligence
Cambridge Manuals	. Life Story of the Insect
Fabre	... Insect Life

PAPER IV

Child Psychology

Preparatory reading—

Heredity (People's Book)	
*Kirkpatrick	Fundamentals of Child Study
*Preyer	Mind of the Child, 2 vols

*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

*Shuttleworth and Potts	...	Feeblemindedness
*Pyle	...	Educational Psychology
*Rousseau		Emile
*Spencer		Education
*Froebel		The Child
*Froebel		The Man
*Montessori		Handbook
Thorndike		Educational Psychology
Tracy		Psychology of Childhood

Practical work—

Myers	.	Text-book of Experimental Psychology Vol II
Titchener	.	Student's Manual—Qualitative
Sanford		Experimental Psychology
Whipples		Physical and Mental tests

M.A EXAMINATION, 1921

ENGLISH

COMMON PAPERS FOR GROUPS A AND B

Paper I—General History of English Literature

(No text-books)

Paper II—Drama

Shakespeare	...	King Lear
Aristophanes	..	Clouds Tr Rogers (George Bell and Sons)
Calderon		Such Stuff As Dreams Are Made Of Tr Fitzgerald (Macmillan, Eversley Series)

Paper III—Poetry

Virgil	Aeneid Tr Dryden, Books I and VI
Milton	Paradise Regained
Swinburne	Atalanta in Calydon

Paper IV Prose

Plato	Trial and Death of Socrates (G T S Macmillan)
Gibbon	Decline and Fall of the Roman Empire Chapters I—III
Matthew Arnold	Culture and Anarchy

GROUP B

Paper V—Chaucer and Outlines of Historical English Grammar

(a) Text—

Chaucer	.	The Prologue to the Canterbury Tales Legend of Good Women (including its prologue)

(b) Books recommeneded for study—

Morris	Historical English Accidence Chapters I—IX.
Emerson	History of the English Language
Kellner	Historical English Syntax

Paper VI Selected period of Poetry

Early Nineteenth Century Poetry (1798-1832)

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*Candidates are expected to possess a thorough aquaintance with the books marked with an asterisk.

The undermentioned authors are recommended for special study in their chief works as specified below, but candidates will not be expected to show a detailed knowledge of the texts named —

Wordsworth	.. Prelude, Books I, XII, XIII, Excursion, Book I; Selections by Matthew Arnold (Golden Treasury Series)
Coleridge	Selections by Stopford A Brooke (Golden Book of Coleridge).
Byron	Vision of Judgment, Selections by Matthew Arnold (Golden Treasury Series)
Shelly	Prometheus Unbound, Selections by Stopford A Brooke (Golden Treasury Series)
Keats	Hyperion, Eve of St Agnes Lamia

Golden Treasury of Songs and Lyrics, edited by Palgrave, Book IV
Selections from English Poets, edited by Ward, Volume IV

Paper VII - *Selected Period of Prose*

Early Nineteenth Century Prose (1798-1832)

The undermentioned authors are recommended for special study in their chief works as specified below but candidates will not be expected to show a detailed knowledge of the texts named

Wordsworth	Prefaces and Appendices (Oxford Edition)
Scott	Talisman, Old Mortality Kenilworth
Coleridge	Biographia Literaria, omitting Chapters 5-9 and 12
Lamb	. Essays of Elia
Landor	.. Selections by Sidney Colvin (Golden Treasury Series)
Jane Austen	. Pride and Prejudice
Hazlitt	.. English Literature, edited by Zeitlin (Oxford University Press)
De Quincey	Selections by Bennett
Shelley	Defence of Poetry

Paper VIII —*Essay or Essays on Subjects connected with the Course*

GROUP B

Paper V —*English Language and Literature prior to 1100 A D*

Sweet	Anglo-Saxon Reader, Part I, pages 1-174

Paper VI—*English Language and Literature from 1100 A.D to 1500 A.D (including Chaucer)*

Chaucer	. Canterbury Tales—Prologue, Knight's Tale, Clerk's Tale, Monk's Tale Nonne Priest's Tale, Squire's Tale, Book of the Duchesse, Parliament of Fowls.
Morris and Skeat	Specimens of Early English Part I—The Owl and the Nightingale, Ancren Riwle, Havelok the Dane
	Part II—Langland Barbour
Skeat	. Specimens of English Literature—Chevy Chase The Nut Brown Maid The Miror for Magistrates

The unseen passages set in this Paper will be restricted to portions of Chaucer and Langland not included in the set texts

Paper VII —*Historical English Grammar including the Elements of Teutonic Philology*

Books recommended for study—

Wyatt		Old English Grammar
Morris	.	Historical English Accidence
Kellner	.	Historical English Syntax
Skeat	..	Principles of English Etymology, 1st and 2nd Series

Paper VIII —*Essay or Essays on Subjects connected with the Course*

SANSKRIT

The course shall include the following —

(The books prescribed for the first four papers are common to all the groups)

Paper I —(*a*) Ashtaka II of the Rigveda with Sayana's commentary thereon (b) Sayana's Instruction to his commentary on the Rigveda

Paper II —Siddhanta-Kaumudi (whole)

Paper III —(*a*) and (*b*) Elements of Comparative Philology with special reference to the Indo-Iranian Languages and the growth of the Prakritic dialects The following books are recommended —

Breal, M —Semantics (Translated by Mrs Cust) (Heinemann)

Edmonds, J M —Comparative Philology (omitting ch ix)

Macdonnell, A A.—Vedic Grammar for Students (Oxford)

Strong, H A, Logemann, W S and Wheeler, B I —Introduction to the Study of the History of Language (Longmans)

Sweet, H.—The History of Language (Dent)

Tucker, T G —Introduction to the Natural History of Language (Blackie).

Uhlenbeck, C C —A Manual of Sanskrit Phonetics (Luzac)

Whitney, W D —Sanskrit Grammar (Trubner)

*Encyclopædia Britannica (11th Edition) The article on Philology

Hastings Encyclopædia of Religion The article on Aryan Religion

*Gune	..	Introduction to Comparative Philology (Poona)
Sabdasaktiprakasika	..	Karikas Nos 2, 3 4, 12-14, 16-18, 20, 29, 31, 33, 54, 56, 58, 60, 61, 67, 95

Paper IV —Two essays—(*a*) dealing with some subject connected with the history of Sanskrit literature generally, (*b*) dealing with some subject connected with the history of the special department covered by the group taken up.

Papers V, VI, VII and VIII —One of the following groups to be selected by the candidate —

A —Literature

Paper V —(*a*) Poetry Texts —

Naishadha Charita		Canto 15 with Mallinatha's commentary
Kamandakiya Nitisara		(Jibananda's edition) Chapters 8, 9, 10 and 11 (Pages 37-62)
Sukra Nitisara	..	(Jibananda's edition) Chapter 4 (pages 537—670)
Mahabharata		Rajadharma, Santiparva, Chapters 56—60, 68, 69, 86—88 (Pratap Ray's edition)
Bharavi	...	Canto 17, with Mallinatha's commentary

*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

(*b*) Translation from English into Sanskrit

Paper VI —(*a*) Drama Texts Vikramorvasi Mrichchhakatika, Venisamhara Mahaviracharita, Karpuramanjari, Vararuchi's Prakrita Prakasa as is necessary for the appreciation of the Prakrit passages

(*b*) Translation from English into Sanskrit.

Paper VII —(*a*) Prose Texts Vasavadatta Harshacharita, Chapters 5 and 6

(*b*) Unseen passages in Sanskrit Prose for translation into English

Paper VIII.—(*a*) Rhetoric and Prosody, namely, Kavyaprakasa, Ekavali Sarasvati Kanthabharana Sahitya-darpana and Chhandamanjari

(*b*) Unseen passages in Sanskrit Poetry for translation into English

B —Vedas

Paper V —Yaska's Nirukta and Pingala's Chhandasutras with Halayudha's Vritti, Pratisakhya of the Rigveda, with the commmentary of Uvata

Paper VI —(*a*) Aitareya Brahmana with Sayana's commentary

(*b*) Simple unseen passages in Vedic Sanskrit for translation into classical Sanskrit

(The interpretations of any recognised Indian School will be accepted).

Paper VII—(*a*) Brihadaranyaka, Chapters III and IV Chhandogya, Chapters V, VI, VII and VIII

(*b*) Simple unseen Sanskrit passages from any Upanishad for translation into English

Paper VIII —(*a*) Grihya-Sutra—Gobhila with commentary

(*b*) Translation from English into Sanskrit

C —Mimansa and Smriti.

Paper V —(*a*) Mimansa Sutra with Sabara Bhashya, first six chapters

(*b*) Simple unseen Sanskrit passages from any treatise or commentary on the Mimansa Philosophy, such as the Sloka-Varttika and the Tantra-Varttika, for translation into English

Paper VI —(*a*) Jaiminiya Nyaya Mala Vistara and Mimansa Nyaya prakasa

(*b*) Simple unseen Sanskrit passages from any treatise or commentary on the Mimansa Philosophy, such as the Mimansa-Balaprakasa, and the Tuptika, for translation into English

Paper VII —(*a*) Manu Samhita with Kulluka's commentary

Dharma Sutras of Apastamba and Gautama with Haradatta's commentary,

(*b*) Grihya-Sutra Gobhila

Paper VIII —(*a*) Yajnavalkya Samhita with Vijnanesvara's Mitakshara—Parasara's Institutes with Madhava's commentary

(*b*) Translation from English into Sanskrit

D —Vedanta

Paper V —Vedantasara (Jacob's edition), Panchadasi, Vedanta Paribhasha Hastamalaka (with commentary), and Sidhantalesa

(*b*) Simple unseen Sanskrit passages from any word on Vedanta Philosophy such as the Vivaranapramaya-Sangraha for translation into English

Paper VI —(*a*) Vedantasutras with Sankara Bhashya

(*b*) Translation from English into Sanskrit

Paper VII —(*a*) Sribhashya—Chapter I, Part I.

(*b*) Advaita Brahma-Siddhi

Paper VIII —(*a*) Bhagavadagita and Chhandogya as in Group B, Munda Mandukya, and Svetasvatara Upanishads with Sankara's commentary

(*b*) Passages for translation into English from the Anubhashya and the Saivabhashya

E —Sankhya and Yoga

Paper V —(a) Sankhyasutra of Kapila, with Vritti of Aniruddha, Sankhya Karika of Isvarakrishna, with Bhashya of Gaudapada

(*b*) Simple unseen Sanskrit passages from any treatise or commentary on the Sankhya Philosophy for translation into English

Paper VI —(*a*) Sankhya Pravachana Bhashya, Sankhya Sara, and Sankhya-Tattva Kaumudi

(*b*) Translation from English into Sanskrit

Paper VII —(*a*) Yoga Sutras of Patanjali, with Bhashya of Vyasa and Vritti of Bhoja, Yoga Varttika of Vijnana-Bhikshu

(*b*) Simple unseen Sanskrit passages from any treatise or commentary on the Yoga Philosophy for translation into English

Paper VIII —(*a*) Yoga Vasisdtha Chapter on Nirvana, Part II, Sarva-darsana-Sangaha

(*b*) Translation from English into Sanskrit

F —Nyaya and Vaiseshika

Paper V —(*a*) Nyaya Sutras of Gautama, with the Bhashya of Vatsyayana, Varttika of Udyotkara, and Vritti of Visvanatha

(*b*) Simple unseen Sanskrit passages from any treatise or commentary on the Nyaya Philosophy for translation into English

Paper VI —(a) Nyayamanjari of Jayanta Bhatta Khandanakhanda-khadya of Sriharsha, Chapter I

(*b*) Translation from English into Sanskrit

Paper VII —(a) Bhasha Parichchheda, Siddhanta-muktavali, Kusuman-jali of Udyanacharyya, with commentary of Ruchidutta and gloss of Vardhamana

(*b*) Translation from English into Sanskrit

Paper VIII —(a) Vaisashika Sutras of Kanada, with Bhashya of Prasasta pada, Nyayakandali of Sridhara and Vritti of Jayanarayana, Saptapadarthi of Sivaditya, with commentary of Yatindramadhava

(*b*) Simple unseen Sanskrit passages from any treatise or commentary on the Vaiseshika Philosophy for translation into English

G —General Philosophy

Paper V —(a) Sankhyasutras of Kapila with Vritti of Aniruadha Sankhya Tattva Kaumudi, Yogasutras of Patanjali with the Bhashya of Vyasa and Vritti of Bhoja

(*b*) Simple unseen Sanskrit passages from any work on Philosophy for translation into English

Paper VI —(a) Nyayasutras of Gautama with Bhashya of Vatsyayana and Vritti of Visvanatha Vaiseshikasutras of Kanada with Bhashya of Prasastapada, and Nyayakandali of Sridhara.

(*b*) Translation from English into Sanskrit

Paper VII —(*a*) Vedantasara (Jacob's edition), Bhagavadgita, Vedantasutras, Sankara's commentary, Chapter I, Parts I and IV, Chapter II, Part II.

(*b*) Translation from English into Sanskrit.

Paper VIII —(*a*) Nyayaratnamala of Parthasarathi Misra Mimansa Nyaya Prakasa of Apadeva Upanishads—Isa, Kena, Katha, Prasna, Munda, Mandukya and Svetasvatara, with Sankara's commentary

(*b*) Simple unseen Sanskrit passages from any work on Philosophy for translation into English

H — Prakrit

Paper V —(*a*) Prasna Vykarana and Vipakasutra

(*b*) Translation from English into Sanskrit (or Prakrit, at the option of the candidate)

Paper VI —(*a*) Prakrit portions of the following dramas —

Sakuntala, Vikramorvasi, Malavikagnimitra, Uttaracharita, Malatimadhava Mahavira-Charita, Mrichchhakatika Mudrarakshasa, Ratnavali, Karpuramanjari, Venisamhara

(*b*) Translation from Sanskrit into Prakrit

Paper VII —(*a*) Setubandha, Gaudavaha, Kumarapalacharita, together with a general knowledge of Prakrita Paingala

(*b*) Simple unseen passages in Prakrit for translation into English

Paper VIII (*a*) Prakrit Grammar as in Vararuchi's Prakrita Prakasa (Cowell), Chanda's Prakrita Lakshana (Hoernle), Hemachandra (Pischel)

Candidates are also expected to be familiar with the substance of Hoernle's Grammar of the Gaudian languages

(*b*) Simple unseen passages in Prakrit for translation into Sanskrit

I.—Epigraphy and History

Paper V —(*a*) Rajatarangini and its continuation with Stein's introduction and commentary

(*b*) Unseen passages in Sanskrit for translation into English.

Paper VI (*a*) Inscriptions of Asoka

(*b*) Early Indian Alphabets

Paper VII *Epigraphia Indica*—

Vol	I,	Inscriptions	Nos 1, 8, 11, 13 35
,,	II,	,,	Nos 8 and 17
,,	IV,	,,	No 34
,,	V,	,,	Nos 2 and 19
,,	VI,	,,	Nos 1 and 14
,,	VII,	,,	No 6
,,	IX,	,,	No 31
,,	X,	,,	Nos 15
,,	XII,	,,	Nos 8 and 18

Fleet—Corpus Inscriptionum—Nos 1-18, 33-37

Prachina Lekhamala—Lekhas 69, 79, 80, 85, 92, 111 and 118

Paper VIII —(*a*) Ancient Geography of India

(*b*) Translation from English into Sanskrit

PALI

Compulsory Papers

Paper I

(*a*) Digha Nikaya (P T S)

Brahmajala Suttanta
Samaññaphala Suttanta
Agalovada
Ambattha Sutta

(*b*) Majjhima-Nikaya (P T S), Vol I Suttas 1 15
(*c*) Samyutta-Nikaya—(P T S), Vol I, pp 1-102
(*d*) Anguttara-Nikaya—Pancakanipata (P T S), pp 1-110

Paper II

(*a*) Mahavagga of the Vinaya Pitaka (P T S), pp 1 156
(*b*) Patimokkha (P T S)
(*c*) So-sor thar-pa by Mahamahopadhyay Dr Satischandra Vidyabhushan

Paper III

Kaccayana Pali Grammar
Vuttodaya—ed, C Silakkhanda (Nirnaya Sagara Press, Bombay)
Vararuchi—Prakrita Prakasa
R G Bhandarkar—Wilson Philological Lectures (Bombay)
Morris—Notes and Queries (on Pali words) (J P T S,) 1885 87
Satischandra Vidyabhushan—Grimm's Law (Calcutta)
Gune—Comparative Philology (Poona,)

Paper IV

Rhys Davids—Buddhist India
Rhys Davids—American Lectures,
Mrs Rhys Davids—Buddhism
Kern—Manual of Buddhism
Spence Hardy—Manual of Buddhism
Oldenberg—Buddha
Hoernle—Manuscript Remains of Buddhist Literature found in Eastern Turkestan, Vol I (The translation and the notes only)

GROUP A (Literary)

Paper V

(*a*) (1) Vessantara-jataka (Fausboll No 547)
(2) Kulagaka jataka (31)
(3) Cullabodhi jataka (443)
(4) Mahajanaka-jataka (539)
(5) Umagga-jataka (546)
(6) Temiya-jataka (538)
(7) Mahasutasoma-jataka (537)
(8) Dasaratha-jataka (461)
(9) Ghata-jataka (454)
(10) Devadhamma-jataka (6)
(11) Vidura pandita- jataka (545)

(*b*) All the Jatakas referred to in Bharaut sculptures so far as they have been indentified (Rhys Davids' Buddhist India, p 209)
(*c*) Dhammapada-Atthakatha (P T S), Vol II
(*d*) Petavatthu (P T S), pp 1-13
(*e*) Introduction to Rhys Davids' Buddhist Birth Stories,

Paper VI

Theri-Gatha with Paramattha-dipani (second half)
Thera-Gatha (first half)
Suttanipata—Ed Fausbjoll (pp 1-93)
Visuddhimagga (Calcutta Buddhist Text Society)
Puggalapannatti (P T S)
Milindapanho (*Mendakapanha* only, pp 90-188)

Paper VII

1 Inscriptions of Asoka (Senart and Buhlar)
2 Piprahwa Stupa Inscription (as in Luder's List of Brahmi Inscriptions No 931)
3 Bharaut Stupa Inscriptions (as in Luder's List, Nos 678-903)
4. Sanchi Stupa Inscriptions (as in Luder's List, Nos 161-668)

Group B (Philosophy)

Paper V

Dhammasangini
Likapatthana
Kathavatthu (P T S), Vol I, pp 1-103

Paper VI

Abhidhammattha Sangaha
Netti
Abhidhammavatara

Paper VII

Atthasalini (P.T S), pp 1-136.
Vibhanga (P T S), pp 1-150
Dhatukatha (P T S), pp 1-100

Group C (Epigraphy and History)

Paper V

Mahavamsa (Chs 21-37, Geiger's edition)
Sasanavamsa (P T S)
Dathavamsa (P T S)

Paper VI

1 Inscription of Asoka
2 Hathigumpha Inscription of Kharavela
3 Ramgarh Cave Inscriptions

Paper VII

(*a*) Inscriptions of the Kshaharata and Satavahana Dynasties
(*b*) Inscriptions of the Imperial Guptas

Paper VIII

Cunningham- Ancient Geography of India
Reports of the Archæological Survey of India about Taxilla and Isipatana
Yun Chwang (Watters), 2 vol

Group D (Mahayana Literature and Philosophy)

Paper V

Lalita Vistara
Asvaghosha's Buddhacarita

Paper VI.

Madhaymika Sutra with Vritti of Chandrakirti
Lankavatara Sutra (Calcutta Buddhist Text Society)
Sutralankara of Assanga edited by Sylvain Levi

Paper VII

Nyayabindu Tika of Dharmottara (A S B)
Sarvadarsanasangraha (portion dealing with Buddhism)
Mediæval School of Indian Logic (Buddhist Logic only), by Mahamahopadhyay Dr Satischandra Vidyabhushana

Paper VIII

Thibaut Sanskrit Grammar
Macdonell—Sanskrit Grammar

ARABIC

Kitabu l Aghnāi, Vol IV

(*a*) from middle of page 17 to middle of page 34
(*b*) from page 74 to page 98

Yatimatu d Dahr, Vol IV—Al Babu l-Khamis fi dhikr-i-Abi l-Fadli l Hamadāni, pages 167-204

Qur'ān with the Kashshaf by Zamakhshari—the whole of Suratu'l-'Imrān

Mishkātu l-Ma'ābihā

(*a*) Kitābu l-Imārat-i Wa l-Qādai
(*b*) Kitābu l-Adab

Ishārāt by Avicenna Al-Namatu t Tasi and Al Namatu'l-'Ashir

Futuhu'l-Buldan by Balādhiri, pages 152-240

Mufassal by Zamakhshari—from the beginning of the book up to the end of the Bahth Ismi-i-Mu'rab

Fara'id by Mullā Mahmud Jawnpuri Ilmu l Ma'āni—from the beginning of the Muqaddima up to the end of the *Nawi-i Tawal* of the *Fann-i-thani*

Students are recommended to consult the following books —

De Sacy	Grammaire Arabe
Ditto	Anthologie Grammaticale Arabe
Wright	Grammar of Arabic Language
Howell	Grammar of Classical Arabic Language
Wright	Lectures on the Comparative Grammar of the Semitic Languages
Noldeke	Semitic Languages (Encyclopædia Britannica, XXIV, 617)
Mehren	Rhetorik Araber
Cheikho and Edde	Ilm-al-Adab.
St. Guyard	Theorie nouvelle de la Metrique Arabe (Jour Asiat,, 1876)
Hartmann	Metrum and Rhythmus
De Goeje and Thatcher	Arabic Literature (Encyclopædia Britannica, II, 271)
Wallace and Thatcher	Arabic Philosophy (Ency Britt II, 270)

De Boer	History of Philosophy in Islam—tr Jones
Huart	History of Arabic Literature
Arbuthnot	Arabic Authors
Nicholson	Literary History of the Arabs
Browne	Literary History of Persia, Vol I
Cambridge Mediæval History, Vol II, Chapters 10-12	
Gibbon	Decline and Fall of the Roman Empire, Chapters 50-52, 56-59, 64, 65, 67, 68
Ameer Ali	History of the Saracens
De Goeje	Caliphate (Enc Britt, V, 23)
Hitti	Origins of the Islamic State (Columbia University)
Weil	History of Islamic Peoples—tr Khuda Bakhsh
Goldziher	Mohammad and Islam—tr Seelye (Yale University Press)
Von Kremer	History of Islamic Civilization—tr Khuda Bakhsh
Macdonald	Development of Muslim Theology Jurisprudence and Constitutional Theory
Ibn Khaldun	Prolegomena—tr Slane
Margounge	Mohammedanism
Ameer Ali	Spirit of Islam
Elphinstone	History of India (Mahomedan Period

PERSIAN

Poetry

The Hadiqa of Sanā (Nawal Kishor edition, 1887), Chapters I and V,

The Mantiqu-t-Tair of 'Attār, from the first Maqāla to the last (Paris edition, 1857, or any other edition

The Diwān of Nāsir-i-Khudraw (Bombay edition)

The Qasā'id of Zahid Fāryābī—All the Persian Qusīdas (Nawal Kishor or any other edition)

Prose

The Tazkira of Dawlat Shāh

The Tazkira of Awfi, Part II (London edition)

The Kimiyā-i-Sa'ādat of Ghazzāli (pages 1-50)

The Durra'-i-Nādira (Bombay edition), ommitting the Dibācha

The Hada'iqu-l-Balaghat—The first two Hadiquas

Arabic Prose—The Prose Selection prescribed for B A Pass Course

Students are recommended to consult the following books —

Ethe	Persian Language and Literature (Enc Britt, XXI, 246)
Quseley	Biographical Notices of Persian Poets
Arbuthnot	Persian Portraits
Browne	Literary History of Persia
De Boer	History of Philosophy in Islam—tr Jones
Platts and Rankin	Grammar of Persian Language
Ibrahim	Persian Grammar
Forbes	Persian Grammar

Phillot	..	Higher Persian Grammar
Geiger and Kuhn	..	Grundriss der Iranischen Philologie
Darmesteter		Etudes Iraniennes
Ditto	...	Origines de la Poesie Persane
Gladwin	..	Rhetoric, Prosody and Rhyme of the Persians
Blochmann	.	Prosody of the Persians
Ruckert	..	Grammatik, Poetik, and Rhetorik der Perser
Azad	...	Sukhandu-i-Fars
Cambridge Mediaeval History, Vol II, Chapters 10-12		
Gibbon	...	Decline and Fall of the Roman Empire Chapters 50 52, 56-59, 64, 65, 67, 68
De Goeje	..	Caliphate (Enc Britt, V 28)
Hitti	.	Origins of the Islamic State (Colum Univ Press)
Goldziher	..	Mohammed and Islam—tr Seelye (Yale University Press)
Von Kremor	.	History of Islamic Civilization—tr Khuda Bakhsh
Weil	.	History of Islamic Peoples tr. Khuda Bakhsh
Macdonald		Development of Muslim Theology, Jurisprudence and Constitutional Theory.
Ibn Khaldun		Prolegomena tr Slane
Hurgounje		Mohammedanism
Ameer Ali	...	Spirit of Islam
Ditto	.	History of Saracens
Elphinstone		History of India (Mahomedan Period)

COMPARATIVE PHILOLOGY

Paper I

Tucker, T G	Introduction to the Natural History of Language (Blackie), Chapters 1, 4 to 10 and 16
Strong, H A, Logeman, W S, and Wheeler, B T	Introduction to the Study of the History of Language (Longmans), Chapters 1, 2, 4, 5 and 9 to 15
Oertel, H	Lectures on the Study of Language (Ed Arnold), Lectures 1 to 3 and 5
Stout, G F	Manual of Psychology, 3rd Edition (London University Tutorial Press), Book IV, Chapter V
Delbruck, B.	Introduction to the Study of Language, translated by Humboldt (Ginn)
Jackson, A V W	Philology (A pamphlet published by the Columbia University Press)
Belvalkar, S K	Systems of Sanskrit Grammar (Oriental Book Supply Agency, Poona)
Gune, P D.	Introduction to Comparative Philology (Oriental Book Supply Agency, Poona), pp 1-159

Breal, M	..	Semantics, translated by Mrs. H. Cust (Heinemann)
Giles, P.	...	Manual of Comparative Philology (Macmillan), Paras. 1-65
Encyclopædia Britannica, 11th edition	.	Articles on Grammar, Philology and Significs
Sweet, H.		History of Language (Dent)

Paper II

Tucker	..	Chapters 2, 3 and 12 to 16
Strong, Logeman and Wheeler	.	Chapters 3 and 11
Oertel	...	Lecture 4
Noel-Armfield, G.		General Phonetics (Heffer)
Clodd, E.		Story of the Alphabet (Geo. Newnes)
Fleet, J.	.	Translation of Buhler's Indische Palaeographie, reprinted from the Indian Antiquary
Macdonnell, A. A.		A Vedic Grammer for Students (Oxford), Paras. 1-69
Whitney, W. D.		Sanskrit Grammar (Trubner), Paras. 1-260 and 591-598
Uhlenbeck, C. C.		Manual of Sanskrit Phonetics (Luzac)
Jackson, A. V. W.		Avesta Grammar (W. Kohlhammer, Stuttgart), Paras. 1-218
Wright, J.		A Comparative Grammar of the Greek Language (Oxford), Paras. 28-232, the portions not dealing with Sanskrit may be omitted
Giles		Paras. 66-115, 130-181 and 249-265
Encyclopædia Britannica	.	Articles on Accent, Alphabet, Phonetics and Writing
Majumdar, Surendranath		Syllabus of a Course of Lectures on Indian Palaeography (Calcutta University)

Paper III

Strong, Logeman and Wheeler		Chapters 19 and 20
Macdonnell		Paras. 70-183
Whitney		Paras. 261-1245, except those referring to Syntax as prescribed for Paper VI
Jackson		Paras. 219-900
Wright	:	Paras. 233-575 the portions not dealing with Sanskrit may be omitted
Giles	.	Paras. 275-330 and 406-452

Paper IV

Strong, Logeman and Wheeler		Chapters XXII and XXIII
Tucker	.	Chapters XVII
Encyclopædia Britannica	...	Article on Slang
Macdonnel		As for Paper III
Whitney	...	Ditto
Chattopadhyay, B. K.		Prakrita Prakasa (S. K. Lahiri, Calcutta)
Imperial Gazetteer of India	..	Vol. II, Chapter VI
Muller, E.	..	Pali Grammar (Trubner)

Bhandarkar, R G	Wilson Philological Lectures (Mrs. Radhabai A Sagoon, Bombay), Lectures 1 and 2
Gune	pp 160—222
Rhys Davids, T W ...	Buddhist India (T Fisher Unwin) Chapters VII—X

Paper V

Bhandarkar, R G ..	Lectures IV—VII
Gune ...	pp 223—252
Encyclopædia Britannica	Articles on Behari, Bengali, Gujrati, Hindi (Eastern), Hindi (Western), Hindustani, Marathi, Oriya, Pahari, Rajasthani, Sindhi and Urdu
Grierson, G. A	The Languages of India, being a reprint of the Chapter on Languages from the Report on the Census of India, 1901 (Government Printing Press, Calcutta) (N B From this book paras 1 2, 71-79 and 84-86 would be useful also for paper I)
Imperial Gazetteer of India	Vol II, Chapter XI
Sen, Dineschandra	History of Bengali Language and Literature (Calcutta University Press)
Tagore, Rabindranath	Sabdatattva (Indian Publishing House, Calcutta)
Trivedi Ramendrasundar	Sabdakatha (Sanskrit Press Depository Calcutta)

(*N B* — The last three books are meant specially for those candidates whose mother tongue is Bengali For those who require the other languages of India, other books will be prescribed in their stead as need arises)

Paper VI

Apte, V S	A Guide to Sanskrit Composition (Mrs Radhabai A Sagoon, Bombay)
Macdonnell	Paras. 184-218
Whitney	Paras 264-305, 486, 506, 507, 512, 572-582, 591-598, 776-779, 821-823, 926 930, 948-950, 960, 967, 980-988, 994-995, 999, 1040, 1072-1095 1126-1130, 1240-1316
Giles	Paras 331-342 and 539-600
Pischel, R	Grammatik der Prakrit Sprachen (Trubner), Part IV
Strong, Logeman and Wheeler	Chapters VI-VIII and XVI-XVIII
Sen, Dineschandra	As for paper V
Milne	Bengali Grammar

(Books for other languages of India will also be prescribed instead of the last two as need arises)

Paper VII

Tucker	Chapter II
Encyclopædia Britannica (Ninth Edition)	Article on Aryan
Encyclopædia Britannica (Eleventh Edition)	Articles on Pahlavi, Persia, Zend-Avesta and Zoroaster

Haug, M		Essays on the Religion of the Parsis (Trubner)
Jackson		Introduction
Hastings' Encyclopædia of Religion and Ethics		Article on Aryan Religion.
Macdonnell, A A		Vedic Mythology (Trubner)
Kanga, K E.		Khordeh Avesta ba Maeni (Bombay), and Gatha ba Maeni (Bombay),
Avesta, Pahlavi and Ancient Persian Studies (In honour of the late Shams-ul-Ulama Dastur Peshotanji Behramji Sanjana)		Chapters I and IV.
Bertin, G	...	Languages of the Cuneiform Inscriptions (Trubner), Part V

The following Avesta and Old Persian Texts are prescribed for 1920 —

Ashem Vohu, Yatha Ahu Vairyo, Kem Na Mazda
Yasna IX XII, 1-9 XXVI, 1-10 LIV, LVII and LX, 2-12
Gathas XXIX XXX XLIV, XLVII, I LI, I and LIII, I
Vendidad II, 22-35, IV, 1-16, 44-49 VII, 36-44 X, 16-29 and XIX, 1-9, 15, 16, 27-33
Behistun Inscription Column I

(*N B*—Most of these texts are to be found in the two books of Kanga mentioned above, for the Vendidad the text has been edited by Ervad E K Antia and published by the Trustees of the Persi Panchayet, Bombay, and the text of the Behistun Inscription is to be found in the 'Avesta Pahlavi and Ancient Persian Studies" mentioned above (pp 231 246) For the latter, the candidates are not expected to read the Cuneiform text The publication of a volume of this text is under consideration by the University)

Paper VII (Alternative)

Caldwell, R	...	Comparative Grammer of the Dravidain Languages, 3rd Edition (Kegan Paul) Introduction
Grierson, G A		Linguistic Survey of India, Vols I, II, III and IV Introductions only
Hoffmann, J	.	Mundari Grammar (Government Press, Calcutta) Introduction
Encyclopaedia Britannica	...	Articles on Brahui Dravidian Languages, Kanarese, Malayalam, Mundas, Tamil, Telugu and Tibeto-Burman
Aiyangar, M Srinivasa		Tamil Studies, 1st series (Guardian Press, Madras), Chapters 1-3 6 8 and 12
Kittle		Kannada Dictionary (Basel Mission Press, Mangalore), Introduction
Konow, S		Article on Dravidian Philology in Indian Antiquary, 1903

The following books may be consulted with advantage

Paper I

Stout, G F.	...	Analytical Psychology (Geo. Allen) Vol II, Chap X
Goldstucker	...	Panini (Reprint by Panini Press Allahabad)

Wackernagel, J	..	Altindische Grammatik, Vol I (Vandenhoeck and Ruprecht, Gottingen), Introduction
Whitworth, G. C.	..	Indian English (Garden City press), Letchworth)
The King's English		(Oxford, 2nd edition)
Noire, L	...	On the Origin of Language and the Logos theory (Open Court Publishing Co, Chicago)
Jesperson, O		Progress in Language (Sonnenschein)
Bechtel, F		Die Hauptprobleme der indogermanischer Lautlehre seit Schleicher (Gottingen, 1902)
Brugmann, K		Kurze vergleichende Grammatik der indogermanischen Sprachen (Trubner, Stasburg)
Douzat, A		La Philosophie du Langage La vie du (Armand Colin, Paris)
Lefevre, A	..	Race and Language (International Scientific Series, London)
Max Muller, F		The Science of Language (2 Vols) (Longmans) This though very readable has to be used with caution as it represents an antiquated view of the science
Ditto		Three Lectures on the Science of Language (Open Court Publishing Co, Chicago)
Meillet, A		Les Dialectes Indo-Europeans (Ancient Honore Champion, Paris)
Ditto	...	Introduction a l Etude Camparative des Langues Indo-Europeans (Hachette, Paris)
Paul, H	.	Prinzipien der Sprachgeschichte (Max Niemyer Halle a S)
Prozezinski, V		Einleitung in die Sprachwissenschaft (Trubner, Leipzig)
Sayce, A H		Introduction to the Science of Language (2 vols) (Trubner)
Ditto		Principles of Comparative Philology (Trubner)
S C Vidyabhushana		Summary of Tattwa Chintamani (Sabdakhanda) (J A S B)
Whitney, W. D		Language and its Study (Trubner) Life and Growth of Language (Trubner). Oriental and Linguistic Studies, Ist Series (Scribners, New York) VII-XIII
Wundt, W.		Sprachgeschichte and Sprachpsychologie (Wilhelm Engelman, Leipzig)
Darbishire, H D	.	Reliquae Philologicae (Cambridge)
Edmonds, J M	.	Comparative philology (Cambridge)
Bhandarkar		Commemoration Volume (Oriental Book Supply Agency), Essays 29 and 31

Paper II

Mott, F. W		The Brain and the Voice in Speech and Song (Harper)
Thumb, A	..	Handbuch des Sanskrit (Karl Winter, Heidelberg) Paras 1-218
Victor W		Elements of Phonetics, translated and adapted by Walter Rippmann (Dent)
Whitney, W D,	.	Oriental and Linguistic Studies 2nd series (Scribners)
Darbishire		Pt II, 4-6
Gray, L	..	Indo-Iranian Phonology (Columbia University Press)
Hirt, H		Der indogermanische Ablaut
		Der indogermanische Akzent (Trubner, Strasburg)
Jespersen, O		Lehrbuch der Phonetik (Trübner, Leipzig)
Meringer, R		Indogermanische Sprachwissenschaft (Sammlung Goschen, Leipzig)
Reichelt, A		Avestisches Elementerbuch (Karl Winter, Heidelberg), Paras 31-179
Taylor, I		The Alphabet (2 vols)
Wackernagel		Vol I
Wechseler		Gibt es Lautgesetze (Halle A S)
Encyclopædia Britannica		Arteles on Chinese Language, Cuneiform, and Egyptian Language
Giles Herbert		China and the Chinese (Columbia University Press), Chapter I
Macdonnell		Vedic Grammar, specially the treatment of the Accent

Paper III

Thumb		Paras 219-645
Barthholoma Chr		Handbuch deraltiranischen Dialekte (Breitkopf & Hartel, Leipzig)
Reichelt		Paras. 180-411

Paper IV

Pischel, R.	...	Grammatik der Prakrit Sprachen (Trübner, Strasburg)
Basu C C. and Kar, L M		Asoka Anusasana (Metcalfe Printing Works, Calcutta)
Francke, R O		Pali and Sanskrit (Trubner)
Bhandarkar		Commemoration Volume, Essay II
Bahechardas Jivaraj		Prakrita Margopadesika (Dharmabhyudaya Press, Benares)
Grierson, G A	.	Linguistic Survey of India Introduction to the various Aryan Languages of India.
Beames, J		A Comparative Grammar of the Modern Aryan Language of India (Trübner)
Hœrnle, R H		A Comparative Grammar of the Gaudian Languages (Trübner).

Besides the above, special Grammars and texts of the various languages of India may be consulted, such as Kellogg for Hindi, St Clair Tisdall for Gujarati Navalkar for Marathi, Trumpp for Sindhi, etc

Paper VI

Beames	.	As for Paper V
Thumb	.	Paras 646-700
Speijer, J S		Sanskrit Syntax (Leyden)
		Sanskrit und Vedische Syntax (Trubner, Strasburg)

Paper VII

Schrader, O		Die Indogermanen (Quelle and Meyer, Leipzig)
Ditto	.	Sprachvergleichung and Urgeschichte (Jena). This has also been translated into English by Jevons under the title "Prehistoric Antiquities of the Aryan Peoples"
Hirt, H.		Die Indogermanen (2 vols.) (Trübner, Strasburg)
Kaegi, A	.	Der Rigveda (Trübner) Also translated into English
Max Müller, F		Comparative Mythology (2 vols) (Longmans) Biographies of Words and the Home of the Aryas (Longmans)
Taylor, I		Origin of the Aryans (Walter Scott)
Whitney, W D		Oriental and Linguistic Studies (1st and 2nd Series) (Scribner)
Darbishire		Pt I, 1, (6) and Pt II, 2 (β)
Bhandarkar	.	Commemoration Volume, Essays 3, 7 and 8
Tilak, B G		Orion (Reprint by Ashtekar & Co, Poona, 1916)
		The Arctic Home in the Vedas (Ramchandra Govind, Bombay)
Haddon, A C	.	The Wanderings of Peoples (Cambridge)
Bartholomæ Chr	...	As for Paper III
Darmesteter, J.		The Zend Avesta I (Sacred Books of the East) Introduction
Tolman, H C	..	Ancient Persian Lexicon
		Cuneiform Supplement (American Book Co, New York)
Jackson, A. V W	...	Zoroaster
		Persia, Past and Present (The Macmillan Co, New York)

Paper VII (*Alternative*)

Hodgson, B	...	Essays on the Languages Literature and Religions of Nepal and Tibet (London)
Arden, A S.		Progressive Grammar of the Telugu Language (S P C K. Press, Madras)
Vinson, J	..	Grammaire Tamoule

The following second selection from Avesta and Old Persian Texts is Prescribed for 1921

Ashem Vohu, Yatha Ahu Vairyo, Vispa Humata, Namaskar of the Four Quarters and the Final Passage of all Afringans:

Yasna II, XX, and Haptanghaiti (XXXV-XLII),
Yasts Gosh Sirôza II, and Vistaspa,
Gathas XXVIII, XXXI, XXXIII 12-14 and LI,
Visparad XV
Vendidad III, 23-29, VI, 44-51 VII, 36-44, XVIII 1-7, 14-28, and XXI
Behistun Inscription Column IV

(N B.—The same remarks as applied to the "First Selection" apply in this case The majority are contained in the books prescribed in the list The only passages which will have to be copied out of Geldner's Text are Visparad XV and Yasna II)

INDIAN VERNACULARS.

For the examination of 1921, Bengali will be the only vernacular which may be taken up as Principal Vernacular but further orders will be issued if meanwhile satisfactory progress is made with the preparation and publication of volumes of Typical Selections in other Vernaculars

Until further orders, candidates will be allowed to select the Subsidiary Vernacular from the following list -

Assamese, Oriya, Hindi, Marathi, Gujarati, Tamil, Telugu, Kanarese, Malayalam, Singhalese, Urdu

BENGALI

Paper I

History of Bengali Literature from the earliest times down to 1850
Special Period—Vaishnab Literature during the Sixteenth Century

Books recommended —

D C Sen	History of Bengali Language and Literature
D C Sen	Vaishnab Literature of Mediæval Bengal
D C Sen	Chaitanya and his Companions

Paper II

(1) Vanga Sahitya Parichaya, edited by D C Sen Vol I, pp 27-101
(2) Mayanamatir Gan, edited by Nalinikanta Bhattasali (Dacca Sahitya Parishad) and Baikunthanath Datta

Paper III

Mukundaram Kabikankan—Chandimangal
Michæl Madhusudan Dutt—Meghnadbadh

Paper IV

(*a*) Development of prose style in Bengali Literature, 1800 1857
(*b*) Influence of Weestern Culture on Bengali Literature, 1857-1880
In papers II and III, 75 marks shall be allotted to the texts and 25 marks to the unseen passages

Questions on the texts shall include :—

(*a*) Questions on the subject matter and on the language of the prescribed books (historical, geographical, critical questions and literary allusions are not excluded).
(*b*) Questions on Grammar and Prosody arising from the texts
(*c*) Questions on the life and literary career of the authors whose works are prescribed.

Until further orders, the list of basic languages will include the following —

Prakrit
Pali
Persian

The following lists of books have been recommended for use by students taking up the different languages mentioned as part of their course for the M A. degree in Indian Vernaculars :—

ASSAMESE

Texts

Sankardeb		Rukmini Haran
Bhattadeb		Katha Gita (First Three Chapters)
Gunabhiram Barua		Asam Buranji (First Four Chapters)
Lakhsminath Bezbarua		Kripabar Barbarua Kakatar Topola
Mafijuddin Ahmad	..	Jnana Malini

Grammar

Hemchandra Barua		Asamiya Byakaran
Debananda Bharali		Asamiya Bhashar Maulik Bichar
Satyanath Bora		Sahitya Bichar
Debananda Bharali		Anglo Assamese Grammar
G F Nicholl	...	Assamese Grammar (in Bengali Manual)

Literary History

Debendranath Bezbarua	...	Assamiya Bhasha Aru Sahityar Buranji

ORIYA

Texts.

Jagannthadasa		Bhagabata, Skandha XI
Upendra Bhanja		Baidehisabilasa, Part IV
Madhusudana Rao	.	Prabandhamala
Madhusudana Rao	...	Kusumanjali
Pakhiramohana Senapati	.	Chha-mana At-guntha

Grammar

Radhanatha Ray	..	Byakarana Prabesa
F C H Hallam		Oriya Grammar

Literary History

Manmohan Chakrabarti	Articles on Oriya Literature (in the J A S B 1898-99)

MARATHI

Texts

Gadyaratna Samuchchay, Part I,
Navamit, pp 2-20, 47-88 159-171, 381 410

Grammar

Ramchandra Bhikaji Joshi	.	Praudhabodh Vyakaran
G. R Navalkar	.	Marathi Grammar.

Literary History

Bhabe — Maharashtra Sarasvat

HINDI

Texts

Kashi Ram and Dwarka Prasad — Tulsi Sangraha
Ramnaresh Tripathi — Kavita Kaumudi, Part I
Harischandra — Satya Harischandra
Ajodhya Singh Upadhyay — Theth Hindi Ka That
Misra Bandhu .. Hindi Navaratnamala

Grammer

Kellogg .. Grammar of the Hindi Language
Pincott — Hindi Manual
Etherington .. Bhasha Bhaskar
Garcin de Tassy — Chrestomathie Hindie ou Hindoue

Literary History

Grierson — Vernacular Literature of Hindustan

GUJARATI

Texts

Ghanasyam — Patanani Prahuta (Gujarati Press, Bombay)
I P Khansaheb and Narhanlal Trikamlal — Sahitya Ratna

Grammar

Taylor — Gujarati Bhashanun Vyakaran
K P Trivedi . Madhya Vyakaran
St Clair Tisdall — Simplified Grammar of the Gujarati Language
Khansaheb and Sheth — Hints on the Study of Gujarati

Literary History

K M Jhaveri .. Milestones in Gujarati Literature

URDU

Texts

Kalam-i-Urdu (Board of Examiners)
Hayat-i-Saadi (Hali)
Taubatu-n-Nasuh (Nazir Ahmad)
Nazm-i-Muntakhab
Musaddas-i-Hali

Grammar

Palmer — Simplified Grammar of Hindustani, Persian and Arabic
Green — A Practical Hindustani Grammar
Forbes ... Hindustani Grammar
Platts — Ditto

LITERARY HISTORY

Garcinde Tassy	Histoire de la Literature Hindoue et Hindoustanie
Azad	Ab-i-Hayat

TAMIL

Wickremsinghe	Tamil Grammar Selt-taught
Pope	Tamil Handbook
Do	Catechisms of Tamil Grammar, I-II
Arden	Progressive Grammar
Caldwell	Comparative Grammar of Dravidian Languages
Purnalingam Pillai	Primer of Tamil Literature
Do	Viveka Vilakkam
Do	Sevyul Koral
Do	... Vasaka Thuattu

Matriculation Selections (Madras University)

TELUGU

Brown	Telugu Grammar
Morris	Simplified Telugu Grammar
Arden	Telugu Grammar, 1905 Telugu Companion Reader, 1879
Caldwell	Comparative Grammar of Dravidian Languages
Narasingham and Narasinghatow	Anandi Readers, Parts III & IV

Matriculation Selections (Madras University)

MALAYALAM

Gundert	Catechism of Malayalam Grammar (Madras, 1881
Bohnmeyer	Progressive Grammar of Malayalam Mangalore, 1869
Peet	Malayalam Grammar, (Cottam 1841)
Caldwell	Comparative Grammar of Dravidian Languages
Fourth Reader Twelfth Reader Gadya Malika Part II	Basel Mission (Mangalore)
History of Malavalam Literature	

Matriculation Selections (Madras University)

KANARESE

Kittel	Grammar of Old and Modern Kannada (Mangalore 1903)
Spencer	Kanarese Grammar (Mysore, 1914)
Caldwell	Comparative Grammar of Dravidian Languages
Rice	History of Kanarese Literature

Padya Sangraha
Padya Sara, Part, I pp 3-4, 12-13, 27-30, 77-86 and 103-106 Katha Sangraha, Part, I, pp 1 96
" " Part, II pp 210-280
Nirmale (or She Stoops to Conquer) in Kanarese
Sabdadarsa (Kanarese)

Matriculation Selections (Madras University)

SINHALESE

Wickremasinghe	Sinhalese Grammar (London, 1916)
Guna Sekra	Comprehensive Sinhalese Grammar (Colombo, 1892)
Do	Kusajatakakavya
Gunawardhana	... Subhasitaya
Samarasekara	Sinhalese Translation of the Dighanikaya, Vol I (Brahmajala sutra and Ambatthasutra only)
Gurulu Gotu	Amawatura (First four chapters only Edited by Jayatilaka)

MAITHILI

Grierson	Grammar and Chrestomathy, 2 Vols
Vidyapati	Padabali (Baugiya Sahitya Parisad, Indian Press, Allahabad, Coomarswamy and Aryun Sen)
Umapati	Parijata Harana, edited by Grierson (Bihar and Orissa Research Society, Vol III, 1917)
Grierson	Vernacular Literature of Hindustan

PALI

Andersen	Pali Reader
Tarkfurter	Pali Handbook
Muller	Simplified Pali Grammar
Victor Henry	Precis de Grammaire Pali
Bidhusekhar Sastri	. Pali Prakasa

PRAKRIT

Vararuchi	Prakrita Prakasa
Rahasekhara	Karpmamanjari
Cowell	Introduction to Prakrit

PERSIAN.

New Persian Selections (Board of Examiners)

Kanga	Selection from Persian Prose and Poetry
Platts and Ranking	Persian Grammar
Rosen	Ditto
Karga	Hints on the Study of Persian

MENTAL AND MORAL PHILOSOPHY

Paper I.—History of Ancient European Philosophy

The following books are recommended —

Ueberweg	History of Philosophy
Caird	Development of Theology in the Greek Philosophers
Zeller	Plato
	or
Zeller	. Aristole
	or
Gomperz	Greek Thinkers, Vol IV
Bakewell	... Sourcebook in Ancient Philosophy, (Scribner)

Students will be expected to have a special knowledge of the system of Plato or Aristotle and to show an acquaintance with the following special texts

Either Plato's Republic *or* Artistotle's Metaphysics

Paper II—*Mediæval and Modern European Philosophy*

The following books are recommended —

Erdmann		History of Philosophy, Vol II
		or
Adamson	..	Development of Modern Philosophy
De Wulf		Scholastic Philosophy
Ditto		History of Mediæval Philosophy (Longmans)
Rand		Modern Classical Philosophers (Constable)
Perry		Present Philosophical Tendencies
Hume		Inquiry concerning Human Understanding
Watson		Philosophy of Kant as contained in extracts from his own writings

Paper III —*Outlines of Indian Philosophy*

The following books are recommended —

Max Muller	Six Systems of Indian Philosophy
Deussen	Philosophy of the Upanishads
Rhys Davids	Indian Buddhism (Hibbert Lectures)
Madhavacharyya	Sarvadarsana Sangraha (Cowell and Gough) [Charvaka, Bauddha, Arhata, Ramanuja, Vaiseshika, Nyaya, Sankhya and Patanjala Systems]
Sankara	Commentary on the Vedanta Sutra, Second Adhyaya, Padas I and II only (Thibaut)
Ramanuja	Commentary on the Vadanta Sutras, Introduction and the first Sutra, Pada I, Adhyaya I
Seal, B. N	Positive Sciences of the Hindus [Chapters I (pp 1-56), VI (pp. 218-219), and VIII]

Paper IV—VI—(*i*) *Psychology*

Preparatory Reading

Macdougall	Physiological Psychology

The following books are recommended -

James		Principles of Psychology
Wundt		Outlines of Psyohology
Stout		Analytic Psychology
Lloyd Morgan		Comparative Psychology
Kulpe	..	Outlines of Psychology
Villa		Contemporary Psychology
Rand	..	Classical Psychologists

(ii) Logic

Students are allowed to take up any *one* of the following two alternative courses in Logic —

(*a*) Logic as Epistemology and Inductive Logic and Methodology
(*b*) Logic as Metaphysics and Dialectic

The following books are recommended —

(a) Logic as Epistemology and Inductive Logic and Methodology

Lotze	Logic
Bosanquet	Logic
Mill	System of Logic
Hobhouse	Theory of knowledge
Venn	Empirical Logic
Jevons	Principles of Science
Keynes	Formal Logic

Encyclopedia of the Philosophical Sciences, Vol I, Logic (Macmillan)

(b) Logic Metaphysics and Dialectic

Kant	Critique of Pure Reason
Fichte	The Science of knowledge, translated by A E Troeger, with a preface by W T Harris (Trubner & Co)
Wallace	Logic of Hegel and Prolegomena
McTaggert	Studies in Hegelian Dialectic
Lotze	Metaphysics

(iii) Ethics and Social Philosophy

The following books are recommended

Green	Prolegomena to Ethics
Sidgwick	Methods of Ethics and Short History of Ethics
Wundt	Ethics
Kant	Theory of Ethics (Abbott)
Sterrett	Ethics of Hegel
Herbert Spencer	Principles of Sociology Vols I and II (Political Institutions only)
Gidding	Principles of Sociology
Lester Ward	Dynamic Sociology, Vols I and II
Rand	Classical Moralists

Students will be expected to show an acquaintance with *either* of the following texts —

Aristotle's Ethics *or* Spinoza's Ethics

(iv) Philosophy of Religion

The following books are recommended —

Lotze	Outlines of the Philosophy of Religion
Hegel	Philosophy of Religion (Spiers and Sanderson), Part I
Pfleiderer	Philosophy and Development of Religion, Vol I (Gifford Lectures)
Royce	The World and Individual (both series)
Ward	Realm of Ends (Pluralism and Theism)
Do	Agnosticism and Naturalism
Pringle Pattison	Idea of God (Gifford Lectures.)

(v) *Special Branch of Indian Philosophy*

Any one of the three following groups —

(1) The Nyaya Sutras of Gautama with Bhashya of Vatsyayana Varttika of Udyotkara and Vritti of Visvanatha

The Bhasha-Parichchheda with Siddhanta Muktavali

The Kusumanjali of Udayana with commentary

(2) The Sankhya Karika of Isvarakrishna with Sankhya Tattvakaumudi of Vachaspati Misra

The Sankhya Sutras with Sankhya Pravachana Bhashya of Vijnana-bhikshu

The Vedanta Paribhasha

The Hastamalaka with commentary

The Advaita Brahma Siddhi

Sankara's commentary on the Vedanta Sutras (the first four Sutras and Adhyaya II, Padas I and II)

Ramanuja's commentary on the Vedanta Sutras (Introduction and the first four Sutras)

(3) The Sutras of Kanada with Bhashya of Prasastapada and Nyayakandali of Sridhara

The Bhasha Parichchheda with Siddhanta Muktavali

Nagarjuna's Madhyamika Karika with commentary

The Nyayabindu with commentary

HISTORY

The following are the selected periods and the following are the books (A) recommended for study and (B) named as books that may be referred or consulted by candidates. Candidates are expected to possess a thorough acquaintance with the works marked with an asterisk —

A) Books recommended for study

Paper I—Selected period of English History, from 1750 to 1815, excluding the History of British India

* Lecky	History of the Eighteenth Century
* Robertson	England under the Hanoverians
* Rose	Revolutionary and Napoleonic Era
Burke	Present Discontents. Two Speeches on America
* Rosebery	Pitt

Paper II—Selected period of Indian History, from 600 B.C. —600 A.D.

* Manu	Institutes (Translated by Buhler)
* Kautilya	Arthasastra (Translated by R. Shama Sastri)
Rangaswami Aiyangar	Ancient Indian Polity
Rhys Davids	Buddhist India
V. A. Smith	Asoka
* R. G. Bhandarkar	Early History of the Deccan
* Krishnaswami Aiyangar	Beginnings of the South Indian History
* D. R. Bhandarkar	Carmichael Lectures—First Series
* Megasthenes	Indica
The Periplus of the Erythrean Sea (Translated by Schoff)	
* Fa Hian	Travels (translated by Legge)
* Yuan-Chwang	Travels in India (Translated by Watters)

*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk

* V A Smith	Early History of India (latest edition)

(Students are expected to possess a general knowledge of the Ancient Geography of India)

Paper III —*General History of the Ancient East*

Breasted	History of Egypt
Ditto	Development of Religion and Thought in Ancient Egypt
Jastrow	Civilisation of Babylonia and Assyria
King	History of Babylon

Paper IV *Constitutional History of England*

Stubbs	Constitutional History of England
Hallam	Ditto
Erskine May	Ditto

Documents and Extracts illustrative of English Constitutional History (Calcutta)

Paper V —*International Law*

Hall	International Law
Wheaton	International Law (Ed Phillipson)
Stowell and Munro	International Cases, 2 vols

Papers VI *and* VII —*History of Islam*

* Muir	Caliphate
* Zeydan	Umayyadas and Abbasides
* Khuda Baksh	Islamic Civilisation
* Goldziher	Mohammed and Islam (Tr Seelye) (Yale University Press)
Freeman	History and Conquest of the Saracens
Gibbon ...	Decline and Fall of the Roman Empire, Chapters 50-52, 56-59, 64, 65, 67, 68
Ameer Ali	History of the Saracens
* Elphinstone	History of India
* Elliott	Ditto
* Ferishto	History of the Rise of the Muhammadan Power (Tr Briggs)
* Babar	Memoirs (Tr Talbot)
* Owen	India on the Eve of the British Conquest
Do	Fall of the Moghul Empire
Keene	Ditto
* Hitti	Origins of the Islamic State (Columbia University Press)
* Aghnides	Mohammedan Theories of Finance (Columbia University Press)

* Cambridge Mediæval History, Vol II, Chapters 10-12

Special Period of Indian History from 1765-1805

Mill	History of British India, edited by Wilson (from Chapter VII of Book IV to the end of Book VI)

* Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk

Sir Alfred Lyall	The Rise and Expansion of the British Dominion in India
Malcolm	Political History of India
*Owen	India on the Eve of the British Conquest
Ramsay Muir	Making of British India
Ranade	Introduction to Peshwa Diaries
Keene	Fall of the Moghul Empire
*Grant Duff	History of the Mahrattas
Bowring	Haidar Ali and Tipu Sultan (Rulers of India Series)
R C Dutt	Economic History of India under Early British Rule
Gholam Hossain Khan	Seir Mutaqherin—Sections XII XIII and XIV
*Forrest	Selections from State Papers, 1772-85 (Portions relating to the Rohilla War, Warren Hastings' relation with Nandakumar, Chait Sing and the Begums of Oudh)
*Owen	Selections from Wellesley Despatches

*Fifth Report of the Select Committee on the affairs of the East India Company, Bengal Presidency, including Grant's Analysis

Economic History of England and India.

*Cunningham	Growth of English Industry and Commerce
*Bowley	History of England's Foreign Trade in the XIXth Century
Traill	Social England, Vol VI, Economic Section
Buxton	Finance and Politics
*Ashley	Economic Organisation of England
Ascoli	Early Revenue History of Bengal
Robinson	East India Trade

Report of the Industrial Commission
Imperial Gazetteer of India, Vols III and IV (Economic portions)
History of Commerce in India, 1765-1918

Comparative Politics.

*Kautilya	Arthasastra (Trans Shama Sastri)
Rangaswami Aiyangar	Ancient India Polity
Pramathanath Banerjea	Public Administration in Ancient India
*Aristotle	Construction of Athens (Tr Poste)
Zimmern	Greek Commonwealth
*Coulanges	Ancient City (Tr Small)
Warde Fowler	The City State of the Greeks and Romans
Maine	Ancient Law
*Sidgwick	Growth of European Polity
*Freeman	Comparative Politics
Woodrow Wilson	Constitutional Government
*Lowell	Governments of France, Germany and Italy

*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk

Vincent	Switzerland
Wallace	Government of England
*Allen	Evolution of Government and Laws
Ogg	Government of Europe

Special Period of European History—The French Revolution, 1789-04

*Cambridge Modern History Vol VIII	
Mignett	History of the French Revolution
*Thiers	History of the Great French Revolution
De Tocqueville	France before the Revolution
*Acton	Lectures on the French Revolution,
*Carlyle	History of the French Revolution, edited by Fletcher or Rose
*Burke	Reflections on the French Revolution
* Do	Letters on Regicide Peace
*Young	Travels in France during the years 1787-89
*Aulard	Political History of the French Revolution
Putzger	Historical Atlas

ANCIENT INDIAN HISTORY AND CULTURE

Compulsory Papers

(1) General History of Vedic and Epic India

*Weber	History of Indian Literature (pages 1-195)
*Macdonell	History of Sanskrit Literature (Chaps I-X)
*Hopkins	The Great Epic of India
*D R Bhandarkar	Carmichael Lectures, First Series (1918)
*Muir	Sanskrit Texts, Vol V
Kaegi	Rigveda
Zimmer	Altindisches Leben, Book I, Ch 4, and Book II, Ch I

(2-3) Political History of the Post-Epic Period

*V A Smith	Early History of India
*Bombay Gazetteer, Vol I	
Krishnaswami Aiyangar	Ancient India
Krishnaswami Aiyangar	Beginnings of South Indian History
*Pargiter	Dynasties of the Kali Age
*Inscriptions relating to Pala and Sena Dynasties	
*D R Bhandarkar	Carmichael Lectures First Series (1918
*Stein	Rājatarangini (Introduction only)

(4) Historical Geography of Ancient India

*Cunningham	Ancient Geography of India
*Periplus of the Erythræan Sea	

*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk

*Ptolemy	...	Geography of India
*Watters		Yuan Chwang
Fleet	...	Topographical List of Brihatsamhita (Indian Antiquary, 1893, pp. 169—195)
Vivien de St Martin		Etude sur la geographie et les populations primitive du nord-ouest de l'Inde d'apres les Hymnes Vedique
Pargiter	...	Translation of Markandeya Purana (Bhuvanakosa only)
Foucher		Notes on the Geography of Gandhara

* Reports of the Archæological Survey of India about Takshasila, Isipatana Vaisali, S'ravasti, Rajagriha and Kusinara

Optional Papers

I —ARCHÆOLOGY

(1) *Epigraphy*

*Inscriptions of Asoka
*Inscriptions of Kharavela and Satavahana King
*Inscriptions of the Kshatrapa families
*Inscriptions of the Imperial Gupta Dynasty

G N Banerjee	..	Hellenism in Ancient India

(2) *Fine Arts and Iconography*

*V A Smith	..	History of Fine Arts in India and Ceylon
*Havell		Indian Sculpture and Painting
*Gopinath Rao	..	Elements of Hindu Iconography
*Grunwenel	...	Buddhist Art
G N Banerjee	.	Hellenism in Ancient India

(3) *Numismatics*

*V. A Smith	.	Catalogue of the Coins in the Indian Museum. (Up to the end of the Gupta period)
*Rapson		Catalogue of Coins Andhras, Western Kshatrapas, etc.
*Allan		Catalogue of Coins, Gupta Dynasties
*Whitehead		Catalogue of the Coine of the Pnnjab Museum, Lahore Vol I
G N Banerjee	...	Hellenism in Ancient India

(4) *Ancient Architecture*

*Fergusson	...	History of Indian and Eastern Architecture, Vols. I, II
*Havell	. .	Ancient and Mediæval Architecture of India
G N Banerjee	.	Hellenism in Ancient India

ARCHÆOLOGY

(*Alternative Course*)

Paper V

D. R. Bhandarkar	..	Carmichael Lectures (Second Series)
Adolpha Reinach	...	Apropos de l'origine de l'alphabet (Revue Epigraphique, Janvier-mars 1914, pp 134-155)

*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

Dr. Flinders Petrie ... The Formation of the Alphabet
Wilke ... Sudwest Europaische Megalithkultur und ihre Beziehungen zum Orient (pp 55 65)

The Journal of the Hyderabad Aachæological Society, 1917. pp 55-79
The Indian Antiquary, May, 1919

Paper VI.

E. A. Parkyn .. Prehistoric Art
T. Wilson .. Arrowpoints, Spearheads and knives of Prehistoric Times (Washington, 1899)
Avebery . Prehistoric Times (7th edition, 1913 Williams and Norgate)
W. J Sollas . Ancient Hunters aud their Modern Representatives (Macmillan 2nd edition)
Logan Old Chipped Stones of India (Thacker Spink & Co, 1906)
R. Bruce-Foote .. The Foote collection of Indian Prehistoric and Protohistoric Antiquities—Notes on their Ages and Distribution (Madras Govt Press 1916)
J. Coggin-Brown . Catalogue raisonne of the Prehistoric Antiquities in the Indian Museum (Simla Govt Press, 1917)
A. Rea ... Catalogue of the Prehistoric Antiquities from Adichanallur and Perumbair (Madras Govt Press 1915)

Journal of the Behar and Orissa Research Society (September, 1918)

Paper VII

Bruce-Foote ... Notes on Ages and Distribution p 125
Coggin-Brown Catalogue raisonne, p 144
Rapson Indian Coins
E " Thomas . Journal Royal Asiatic Society, 1895 Ancient Indian Weights
T W Rhys Davids .. On the Ancient Coins and Measures of Ceylon
Sir Walter Elliot Coins of Southern India (1886), pp 45-63
W. Ridgeway ... The Origin of Metallic Currency and Weight Standards, 1892
H. C Millies Recherches sur les Mounaies des Indigenes de l' Archipel Indien et de la Peninsule Malaie (1871)
A.C. Haddon ... Evolution in Art (Chapter on Wealth)

Paper VIII

T. Eric Peet . Rough Stone Monuments and their Builders (Harper, 1912)
Fergusson ... Rude Stone Monuments in all Countries (London, 1872)
Montelius ... Orient and Europa (1909)

Congreve	...	Madras Journal of Literature and Science (1947)
Yule	..	Proceedings of the Society of Antiquaries, Scotland, Vol. I
Taylor	...	Transactions of the Royal Irish Academy, Vol. XXIV
Walhouse	.	Journal of the Anthropological Institute (1877, August)
Babington	...	Transactions, Literary Society of Bombay (1823)

Reports of the Archæological Survey Madras (1902-17)

II.—SPECIAL AND CONSTITUTIONAL HISTORY

(1—3) *Social and Economic Life and Administration*

*Zimmer	...	Altindisches Leben
Rhys Davids	...	Buddhist India
*Hillebrandt		Ritualliterature, Chaps I—II (Grundriss Series)
*Fick	..	Die Sociale Gliederung in Nordostlichen Indien
Mrs Rhys Davids	..	Notes on Early Economic Conditions in Northern India (J. R. A. S., London, 1901, pp 859-888. Economic Journal for 1901)
*Kautilya		Artha-sastra
Rangaswami Aiyangar	..	Ancient Indian Polity
*Mahabharata-Santiparva	.	Sections 56-157
Banerjea	..	Public Administration in Ancient India
*Manu	...	Institutes (trans Buhler)
*Gautama, Baudhayana, Apastamba and Books of the East Series)		Vasishtha Dharma Sutras, (Sacred
*Alberuni	..	India (omitting the mathematical details), (trans Sachau)
*Periplus of the Erythraæn Sea (trans. Schoff)		
Rawlinson		India and the Western World
*D R Bhandarkar		Carmichael Lectures First Series (1918)
R. C Majumdar	..	Corporate Life in Ancient India

(4) *Ethnology*

*Keane	...	Ethnology
*Baine	..	Ethnography (the Grundriss Series)
*Risley	.	Peoples of India
*Senart	..	Castes in India (Indian Antiquary, 1912, pp 101-114 and pp. 129-139)
Thurston	.	Ethnographic Notes on Southern India (one Volume edition), pp. 101-114 and pp 129-139
*D R Bhandarkar	...	Foreign Elements in the Hindu Population (Indian Antiquary, 1911, pp. 7-37
Ramaprasad Chanda	...	The Indo Aryan Races .
*Risley	...	Manual of Anthropometry

(Craniological Data from the Indian Museum, Calcutta)

*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk

III.—RELIGIOUS HISTORY

General

*Hopkins	. Religions of India (Handbook on the History of Religions Series)
*Barth	. Les Religions de L'Inde et Bulletins des religions de L'Inde, Vols I & II.

(1) Vedic Religion

*Bloomfied	. Religion of Veda
*Macdonell	. Vedic Mythology
*Hillebrandt	.. Ritualliteratur, Chaps. I, II and IV

(2) Epic and Pauranic Religions

*R. G Bhandarkar	Vaisnavism, S'aivism and Minor Religious Systems (omitting XIX.—XXV of Part I)

(3) Buddhism

*Rhys Davids	American Lectures
Mrs. Rhys Devids	.. Buddhism
*Kern	. Manual of Indian Buddhism
*Spence Hardy	.. Manual of Buddhism
*Oldenberg	Buddha
*I-tsing	. Records of the Buddhist Religion Takakusu)
*Fa Hian	.. Travels(Legge)
*Warren	. Buddhism in Translation
*Hoernle	Manuscript remains of Buddhist Literature found in Eastern Turkestan, Vol I (the translations and notes only)

(4) Jainism.

*Jacobi	... Introduction and Translation of the Jaina Sutras, Parts I and II (Sacred Books of the East, Vols XXII and XLV)
*R. G Bhandarkar	Report on the Search of Sanskrit Manuscripts in the Bombay Presidency during the year 1883-84, pages 91-157.
*Buhler	On the Indian Sect of the Jainas (translated and edited with an outline of Jaina Mythology by Burgess)
*Vijayanandasuri	. Sri-jainatattvadarsa

IV—INDIAN ASTRONOMY AND MATHEMATICS

(1) Mathematics

Selected texts on Mathematics for critical, historical and comparative study —

Sulva-Sutras

*Thibaut	... On the Sulva-Sutras. (J A. S B, Vol. 44.)
	The Pandit, Vols 9 and 10 (Old Series), Vol 1 and 4 (New Series).

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*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk

Burk .. Das Apastamba Sulva-Sutras (Z. D. M. G., Vols. 55 and 56.)

(2) *Mathematics*

History of Mathematics, with special reference to the works of Aryyabhatta I, Varaha Mihira, Bramagupta, Aryyabhatta II, Mahavira, Sridhara and Bhaskaracharyya

The following books are recommended —

*Aryyabhatiam	Edited by Dr Kern.
Brahmasphuta-siddhanta.	Edited by Pd Sudhakara Dvivedi.
Maharyya-siddhanta of Aryyabhatta II	
*Mahavira	Ganita-sara-sangraha (Madras).
Sridhara	Trisatika, edited by Pd Sudhakara Dvivedi
Do	Edited by G R Kaye and K Ramanujachariya.
Lilavati and Vijaganita	Edited by Pd Sudhakara Dvivedi.
Ditto	Edited by Pd Radhaballabh Jyotistirtha.
Lilavati	Edited by H C Banerji
*Colebrooke ..	Translation of the Lilavati and the Vijaganita and the Chapters on Mathematics in the Brahmasphuta-siddhanta
Rekha-ganita of Jagannath	of the court of Jaysimha, Vol I, 1901, Vol II, 1902 Bombay
Smith, D E	Hindu-Arabic Numerals
Schubert, H	Mathematical Essays and Recreations, translated by T. J McCormack

(3) *Astronomy*

Selected text on Astronomy for critical, historical and comparative study.—

*Suryya-Siddhanta.

Editions and Translations recommended —

Suryya-Siddhanta .	Edited by Pd Bapudev Shastri and Fritz E Hall
Ditto	Translated by Burgess and Whitney (J Am. Orient Society Vol. VI)
Ditto ...	Edited by Vijnanananda Swami

(4) *Astronomy*

History of Astronomy, with special reference to Jyotisha-Vedanga, Jaina Astronomy, the (modern) Suryya-siddhanta, and to the works of Aryyabhatta I, Varaha Mihira, Brahmagupta, Aryyabhatta II, Munjala, and Bhaskaracharyya.

The following books are recommended —

Jyotisha Vedanga ..	By "Varhaspatya" (Lala Chhote Lall)
*Yajusha Jyotisham ...	By Pd Sudhakara Dvivedi
Thibaut	Contributions to the Study of the Jyotisha-Vedanga (J. A S B, 1877)
Ditto .	On the Suryya-prajnapti. (J A S B., 1880).
*Aryyabhatiyam ..	Edited by Dr. Kern
*Pancha-siddhantika	Translated by Dr Thibaut and Pd Sudhakara Dvivedi
*Kern .	Preface to the Brihat-Samhita of Varaha Mihira (Collected Works, Vol. 4)

*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk

Brahma-sphuta-siddhanta	Edited by Pd Sudhakara Dvivedi.
Maharyya-siddhanta	
Munjala	Laghumanasa
Satananda	Bhaswati
*Bhaskara	Sidhanta Siromani, edited by Pd Bapudev Shastri
Ditto	By Pd Bapudev Shastri and Wilkinson.
Sudhakara Dvivedi	Ganaka-tarangini
Yogesh Chandra Ray	Amader Jyotish O Jyotishi
Siddhanta-sekhara of Jagannath of the Court of Jaysimha	
*Bentley, J	Hindu Astronomy
Bailley, J F	Historie de l'astronomie ancienne depuis son origine jurqu a l'establishment de l'ecole d'Alexandria (1871)
Playfair	(1) On the Astronmy of the Brahmans (2) On the Trigonometry of the Brahmanas (Collected Works Vol III)
*Brennand	Hindu Astronomy
*Whitney	Oriental and Linguistic Studies (Series II, 1875), The twelfth Essay—The Lunar Zodiac, on the views of Biot and Weber respecting the relation of the Hindu and Chinese systems of asterisms with an addition on Muller's views etc
Max Muller	On Ancient Hindu Astronomy and Chronology (Preface to Rig Veda, Vol 4)
*Thibaut	Grundriss der Indo-arischen Philologie, Vol III, No 9 Articles in the "Indian Thought" on the History of Indian Astronomy
Bhau Daji	Literary Remains
Tilak	The Orion
Do	The Arctic Home of the Vedas
Jones	Articles on Indian Astronomy, Collected Works Vol I
Davis, S	On Hindu Astronomy (As Res, Vol II)
Montucla	Histoire des Mathematiques, Vol I, Part I, Book 3
Delambre	Histoire de Astronomie, Vol I
Marie	Histoire des Sciences Mathematiques et Physiques, Vol II (The Articles on Aryyabhatta, Brahmagupta, Bhaskara)
Cantor	Geschichte der Mathematik

POLITICAL ECONOMY AND POLITICAL PHILOSOPHY

PAPERS I AND II—*General Economics*

*A Marshall	Principles of Economics
*Taussig	Principles of Political Economy
Withers	Business of Finance
*Bastable	International Trade
Pigou	Wealth and Welfare
Todd	Mechanism of Exchange
Bartholomew and Lyde	Atlas of Economic Geography (for reference)

*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk

PAPER III —*General Principles of Political Philosophy*

*Sidgwick	Principles of politics
J S Mill	Liberty
*Ditto	Representative Government
*Green	Lectures on Political Obligations
*Wiloughby	Nature of the State
Hobhouse	Social Evolution and Political Theory
Theory of the State (Oxford Press)	

PAPER IV —*Public Administration*

*Lowell	Government of England
*Dicey	Law of the Constitution
*Bastable	Public Finance
Keith	Responsible Government in the Dominions
Egerton	Rise and Growth of British colonie
P Mukerjee	Indian Constitutional Documents
Ayyangar	Indian Constitution

Imperial Gazetteer of India—Vol IV (Administrative)

Fifth Report of the Select Committee of the House of Commons, 1812 (Extracts and Documents published by the Calcutta University and Introduction to "Early Revenue History of Bengal," by Ascoli)

Fifth Decennial Report on Moral and Material Progress 1913

GROUP A

PAPER V —*General History of Economics*

*Haney	History of Economic Thought
Gide and Rist	A History of Economic Doctrines
Meredith	Economic History of England (from the Industrial Revolution)
Cunningham	The Progress of Capitalism in England
Lucas	Beginnings of English Overseas Enterprise
*Malthus	Population (Selections, Economic Classic Series, Macmillan & Co)
*Ricardo	Political Economy (Selections, Economic Classic Series, Macmillan & Co)
Adam Smith	Wealth of Nations (select Chapters, Economic Classic Series Macmillan & Co)

PAPERS VI AND VII

(*i*) *The History, Theory and Present System of Banking and Currency*

*Conant	Principles of Money and Banking
Pierson	Principles of Economics Vol I, Part II (Money)
*Fisher	Purchasing Power of Money
*Dunbar	History and Theory of Banking
Burton	Commercial Crises
*Withers	Stocks and Shares
Andreades	History of the Bank of England
Layton	Introduction to study of Prices

*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk

Marshall's Evidence, Gold and Silver Commission, 1888
Report of the Royal Commission on Indian Currency and Finance, 1914

(ii) History, Theory and Present Organisation of International Trade

Chapters bearing on the subject in Ricardo, J S Mill and Cairnes

List	..	National System of Political Economy, Book II
*Pigou		Protective and Preferential Import Duties
Giffen		The Use of Import and Export Statistics (Essay IX in Vol I of Economic Inquiries and Studies)
Goschen	...	Foreign Exchanges
P Ashley		Modern Tariff History
Taussig		Tariff History of the United States
Bowley		England's Foreign Trade in the XIXth century
*Brown		International Trade and Exchange
*Taussig		Aspects of the Tariff Question
Clare		A B C of Foreign Exchange
Marshall		White Paper on Tariff Policy

Views of the Government of India on the question of Preferential Tariffs 1904 Ed. 1913
Review of the Trade of India (latest issue)

(iii) The Theory and Practice of Statistics including Demography

*A L Bowley		Elements of Statistics
*Giffen	...	Economic Inquiries and Studies, 2 vols
King		Statistical Methods
Giffen	..	Statistics
Bowley		Measurement of Social Phenomena
Mayo Smith		Statistics and Economics
*Yule		Introduction to Statistics
Newsholme		Vital Statistics

The Jubilee Volume of the Royal Statistical Society

British and Foreign Trade and Industries, being Memoranda, etc, prepared by the Board of Trade (commonly called the Fiscal Blue Books)
Imperial Gazetteer, Vol I, Chapter IX and X
Moral and Material Progress of India—(Decennial Edition, 1913)

(iv) Mathematical Economics

*Cunnynghame	Geometrical Political Economy
*Cournot	Mathematical Principles of the Theory of Wealth (Economic Classic Series, Macmillan & Co)
*Jevons	Theory of Political Economy
Marshall	Principles of Economics (Mathematical Appendices)
*Pantaleoni	Pure Economics
Edgeworth	Mathematical Psychics
Wicksteed	Alphabet of Economic Science
* Ditto	Common Sense of Political Economy

*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk

Articles by Flux, Seager, Chapman, Pigou and Edgeworth in the Economic Journal (bearing on Mathematical Economics)

Pigou .. Wealth and Welfare

(v) Elements of Statistics and the Mathematical treatment of Economic Theory

Giffen	Statistics
Mayo Smith	Statistics and Economics
*Yule	Introduction to Statistics
*Cunnynghame	Geometrical Political Economy
*Cournot	Mathematical Principles of the Theory of Wealth (Economic Classic Series, Macmillan & Co)
*Pantaleoni	Pure Economics
*Wicksteed	Common Sense of Political Economy

GROUP B

Paper V—General History of Political Philosophy

Theories of the State contained in—

*Aristotle	Politics
*Hobbes	Leviathan
*Locke	Second Treatise on Government
*Rousseau	Social Contract
Kant	Principles of Politics (Hasties translation of the four Essays on Political Theory)
*Bentham	Fragment on Government
*Dunning	History of Political Theories (*a*) Ancient and Mediæval (*b*) From Luther to Montesquieu
Burns	Political Ideal

Paper VI and VII—Comparative Study of Political Institution

*Kautilya	Arthasastra (translation by Shama Sastri)
Rangaswami Aiyangar	Ancient Indian Polity
Pramathanath Banerjea	Public Administration in Ancient India
*Aristotle	Constitution of Athens (tr Poste)
Woodrow Wilson	Constitutional Government
*Zimmern	Greek Commonwealth
*Coulanges	Ancient City (tr Small)
*Warde Fowler	The City State of the Greeks and Romans
*Maine	Ancient Law
*Sidgwick	Growth of European Polity
*Freeman	Comparative Politics
*Lowell	Governments and Parties in Continental Europe
*Allen	Evolution of Governments and Laws
Ogg	Governments of Europe
Sidney Low	Governance of England

Comparative Study of Social Institutions

Lester ward .. Dynamic Sociology, Vols I-II

*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk

*Giddings	Principles of Sociology
Mayo Smith	Sociology, Vol. II
*Tylor	Primitive Culture
Fraser	Totemism and Exogamy, Vol II
*Mackenzie	Introduction to Social Philosophy
C D Wright	Elements of Practical Sociology
Risley	Peoples of India
Gait	Census Report for India, 1911
Harold Mann	Deccan Village
Gilbert Slater	Some South Indian Villages
Durell	Fundamental Sources of Efficiency

International Law with reference to existing Political and Economic Institutions

*Hall	International Law
*Westlake	International Law (Peace and War) 2 vols
*Higgins	Hague Peace Conferences
*Wheaton	International Law, edited by Philipson
*Pitt Cobbett	Cases on International Law, 2 vols
*Stowell and Monro	International Cases, 2 vols

Paper VIII—Essay

Groups A and B

Candidates will be required to write an essay on some topic connected with one of the following subjects the essay must treat the topic chosen by the candidate with special reference to Indian conditions —

1 Famines	4 Industrial Organisation
2 Co-operation	5 Currency Problems
3 Railways	6 Land Systems

M A. AND M Sc. EXAMINATIONS, 1921

PURE MATHEMATICS

Note —It is to be understood that, in the following list of books, wherever a book is recommended for a subject, students are expected to read those parts of the book only which deal with that particular subject —

1 Higher Algebra—

Chrystal	Algebra, Part II, Chapters 23-28, 32-34
Wilczinski and Slaught	College Algebra with applications (Allyn & Bacon, New York)

2 Higher Plane Trigonometry

Hobson	Plane Trigonometry

3 Spherical Trigonometry—

Casey	Spherical Trigonometry
Todhunter	Spherical Trigonometry (Ed Leathem)

4 Theory of Equations and Algebra of Quantics—

Burnside and Panton	Theory of Equations
Glenn	Theory of Invariants (Ginn & Co)
Elliott ...	Introduction to the Algebra of Quantics

*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk

5 Plane Analytical Geometry including Higher Plane Curves—

Salmon	Conic Sections
Do	Higher Plane Curves
Basset	Treatise on Cubics and Quantics

6 Geometry of Surfaces—

Salmon	Geometry of Three Dimensions, 5th Ed Vol I, Chapters I-X
Bell ...	Analytical Geometry of Three Dimensions
Forsyth	Differential Geometry, Chapter I-V

7 Differential Calculus—

Edwards	Differential Calculus
Williamson	Do
Goursat	Mathematical Analysis, Vol I (Trans. Hedricks) (Ginn & Co)

8 Integral Calculus—

Williamson	Integral Calculus
Todhunter	Do
Goursat	Mathematical Analysis Vol I (Trans Hedricks) (Ginn & Co)

9 Differential Equations—

Forsyth	Differential Equations
Goursat	Mathematical Analysis, Vol II Part II (Trans Hedricks) (Ginn & Co)

10 Calculus of Variations—

Byerly	Introduction to Calculus of Variations (Harvard University Press)
Bolza	Calculus of Variation Chapters I-III

11 (*a*) Theory of Functions—

Either of the following alternative courses

A

Mac Robert ..	Functions of a Complex Variable (Macmillan & Co)
Townsend	Functions of a Complex Variable (Henry Holt & Co)
Goursat	Mathematical Analysis, Vol, II Part I (Trans Hedrick) (Ginn & Co)

B

Hobson	Theory of Functions of a Real Variable (omitting Chapter III)
Huntington	Continuum (Harvard University Press)

(*b*) Theory of Groups—

Miller, Blichfeldt and Dickson	Finite Groups (John Wiley & Sons)
Burnside	Theory of Groups
Klein	Lectures on Icosahedron (tr Morrice) Part I only
Hilton	Finite Groups (Oxford)
Blichfeldt	Finite Collineation Groups (Chicago University Press)
Dickson	Algebraic Equations

(c) Finite Differences and Calculus of Functions—

Boole	.. Finite Differences
Burn and Bron	Ditto
Carmichael	. Calculus of Operations
Herschel	Examples of Calculus of Finite Differences
Babbage	... Examples of Functional Equations
De Morgan	Calculus of Functions

(d) Vector Analysis and Quaternions—

Joly	Quaternions
Hamilton	Elements of Quaternions (Ed Joly) Vol I, Books I-II

(e) Projective Geometry—

Either of the following alternative courses —

A

Mathews	Projective Geometry
Durell	Plane Geometry for Advanced Students Vol II
Cremona	Projective Geometry
Hilbert	Foundations of Geometry (trans Townend) (Open Court Publishing Co)

B

Frankland	Theories of Parallelism (Cambridge University Press)
Lobacheoski	Theory of Parallels (trans Halsted (Open Court Publishing Co)
Bolyai	Science Absolute of Space (trans Halsted) (Open Court Publishing Co)
Bonola	Non-Euclidean Geometry (trans Carslaw) (Open Court Publishing Co)
Carslaw	Non-Euclidean Geometry and Trigonometry
Sommerville	Non-Euclidean Geometry
Manning	Geometry of Four Dimensions

(f) Theory of Numbers—

Reid	Theory of Algebraic Numbers
Mathews	Theory of Numbers
Smith	Reports on the Theory of Numbers (collected papers, Vol I pp 38—364)
Dedekind	Essays on the Theory of Numbers (trans. Beman) (Open Court Publishing Co)
Huntington	Continuum (Harvard University Press)
Cantor	.. Transfinite Numbers (translated by P B. Jourdain) (Open Court Publishing Co)

MIXED MATHEMATICS

NOTE —It is to be understood that, in the following list of text-books, wherever a book is recommended for a subject, students are expected to read those parts of the book only which deal with that particular subject —

I Advanced Statics, including Theory of Potential—

Minchin	Statics
Routh	Statics

2. Dynamics of a Particle—

Besant	Dynamics
Routh	Dynamics of a Particle.

3 Rigid Dynamics—

Routh	Elementary Rigid Dynamics

4 Hydrostatics, including Capillarity —

Besant and Ramsey	Hydromechanics, Part I (Hydrostatics)

5 Hydrodynamics—

Houstoun	Mathematical Physics, chapter II.
Besant and Ramsey	Hydromechanics, Part II
Lamb	Hydrodynamics

6 Spherical Astronomy—

Ball	Spherical Astronomy

7 (*a*) Theory of Elasticity—

Love	Theory of Elasticity, (2nd edition)

Candidates are also recommended to refer to—

Todhunter and Pearson	History of Theory of Elasticity

(*b*) Advanced Dynamics —

Whittaker	Analytical Dynamics
A C Webster	Dynamics
Routh	Advanced Rigid Dynamics
Hertz	Principles of Mechanics

(*c*) Higher Parts of Spherical Astronomy—

Chauvenet	Spherical Astronomy
Newcomb	Spherical Astronomy

(*d*) Lunar and Planetary Theories—

Adams	Lectures on Lunar Theory
Darwin	Lectures on Lunar Theory (Scientific papers, Vol V.)
Airy	Mathematical Tracts
Brown	Lunar Theory
Cheyne	Planetary Theory
Moulton	Celestial Mechanics
Plummer	Dynamical Astronomy

(*e*) Figure of the Planets —

Todhunter	History of the Theory of Attraction and the Figure of the Earth
Thomson and Tait	Natural Philosophy
Airy	Mathematical Tracts.
Airy	Figure of the Earth (Enc. Metr.)
Clark and Radau	Figure of the Earth (Enc. Britt.)
Pratt	Figure of the Earth

(*f*) Theory of Tides —

Basset	Hydrodynamics.
Love	Geodynamics
Airy	Tides and waves. (Enc. Metr.)
Darwin	Tides and Kindred Phenomena (Murray)
Darwin	Tides (Enc. Britt.)
Darwin	Scientific Papers

(1) The Tides (Vol IV, pp 185-263)
(2) The Dynamical Theory of the Tides (Vol I, 347-365)
(3) The Dynamical Theory of the Tides of Long Period (Vol I pp 365-371)
(4) On the Correction to the Equilibrium Theory of Tides for the Continents (Vol I, pp 328-339)
(5) The Harmonic Analysis of Tidal Observations (Vol I, pp 1-69)
(6) The Harmonic Analysis of Tidal Observations of High and Low water. (Vol I, pp 157-181)
(7) On Tidal Prediction (Vol I, pp 258-291)
(8) On the Disturbance of the Vertical near the Coasts of Continents due to the Rise and Fall of the Tide (Vol I pp 450-458)
(9) Evaluation of the Rigidity of the Earth from the Tides of Long Period (Vol I, pp 340-346)
(10) On the Bodily Tides of Viscous and Semi-elastic Spheroids and on the Ocean Tides upon a Yielding Nucleus (Vol III, pp 1-33)
(11) Problems connected with the Tides of a Viscous Spheroid (Vol III, pp 140-194)

PHYSICS

No text books are prescribed or recommended The students are required to consult their Professors as to a suitable course of reading which should include the study of original papers

CHEMISTRY

(In addition to the books recommended for the B A and B Sc Pass and Honours Courses)

(A) Physical Chemistry

Ostwald Walker	Physico-Chemical Measurements
Spencer	Practical Physical Chemistry (Two volumes)
Findlay	Practical Physical Chemistry
Nernst (trans, by Tizard)	Theoretical Chemistry
Lewis	System of Physical Chemistry
Findley	Osmotic Pressure
Mellor	Chemical Dynamics and Reactions
Findlay	The Phase Rule
Leblance or Arrhemeus	Electro-Chemistry
Vant' Hoff	Lectures on Theoretical and Physical Chemistry
Travers	Study of Gases
Rutherford	Radio Active Substances and their transformations
Sackur	Thermo-Chemistry and Thermo-Dynamics
Ostwald	Outlines of General Chemistry
E C Baly	Spectroscopy
S Young	Stoichiometry
W W Taylor	The Chemistry of Colloids

(B) Inorganic Chemistry

Biltz	Inorganic Preparations
Myer	History of Chemistry
Sutton	Volumetric Analysis
Hempel	Gas Analysis

Treadwell and Hall	Analytical Chemistry, Vols I and II
Roscoe and Schorlemmer	Treatise on Chemistry, Vols I and II
F M Perkin	Practical Methods in Inorganic Chemistry
Werner	New Ideas in Inorganic Chemistry
Stewart	Recent advances in Inorganic and Physical Chemistry

(C) ORGANIC CHEMISTRY

Emil Fischer	Organic Preparations
Richter	Organic Chemistry
Gattermann	Practical Organic Chemistry
J Cohen	Advanced Organic Chemistry
Sudborough	Practical Organic Chemistry
Clarke	Identification of Organic Compounds

Candidates for the M A or M Sc Examination are required to consult original papers in the Chemical Society's Journals and other scientific periodicals and also to consult the Annual Reports issued by the Chemical Society on the "Progress of Chemistry" in connection with the special subject taken up by them.

BOTANY

No text-books are prescribed The subject is to be read in accordance with the prescribed Syllabus

PHYSIOLOGY

No text books are prescribed

In Section 7, Chapter XXXVII of the Regulations, in first paragraph of the Syllabus in Physiology for the M Sc Examination, the expression "a particular branch" be interpreted to mean one of the following branches —

1 Circulation and Respiration
2. Alimentation and Metabolism
3 Physiology of the Nervous System and the Organs of Sense
4 Nerve and Muscle Physiology
5 Histology and Reproduction

The four theoretical papers in Physiology be distributed so as to cover the following subjects

Paper I Circulation, Respiration, Alimentation, Metabolism, and Reproduction compulsory to all candidates)

Paper II Nervous System and Muscular System (Candidates offering a piece of research work falling under the head of "Organs of Sense" will be exempted from this paper)

Paper III Organs of Sense (Candidates offering a piece of research work falling uuder any of the following heads—Circulation, Respiration, Alimentation, Metabolism, Reproduction, Nervous System, Muscular System, and Histology, will be exempted from this paper)

Paper IV The branch of Physiology professed by the candidate for special study

The Practical Examination will include—

Paper I Experimental Physiology (Candidates offering research work falling under the head of Histology or Chemical Physiology will be exempted from this paper)

Paper II Histology (Candidates offering research work falling under the head of Chemical Physiology will be exempted from this paper)

Paper III Chemical Physiology

Paper IV. Candidate's special subject.

GEOLOGY

No text-books are prescribed or recommended The subject is to be studied in accordance with the Syllabus prescribed in the Regulations

EXPERIMENTAL PSYCHOLOGY

Paper I—Physiological Psychology

Lickley	The Nervous System
Greenwood	Physiology of the Special Senses (Selections)
Wundt	Physiological Psychology (Selections)
Ziehen	Physiological Psychology
Titchner	Text Book of Psychology
Myers	Text Book of Experimental Psychology
Kulpe	Outlines of Psychology
Wundit	Outlines of Psychology
James	Principles (Selections)
Stout	Analytic Psychology (Selections)
Ladd and Woodworth	Elements of Physiological Psychology (Selections)
Rand	Classical Psychologists

Paper II—Abnormal Psychology

Mercier	Text Book of Insanity
Binet	Alternation of Personality
Sidis	Psychology of Suggestion
Sidis and Goodhart	Multiple Personality
Prince	Dissociation of Personality
Do	The Unconscious
Jung	Analytical Psychology
Freud	Interpretations of Dreams
Do	Hysteria and other Psychoneurosis
Hitschmann	Freud's Theory of Neurosis

Paper III—Animal Psychology

Holmes	Evolution of Animal Intelligence
Lloyd Morgan	Comparative Psychology
Washburn	Animal Mind
Thorndike	Animal Intelligence (Selections)
Loeb	Comparative Anatomy of the Brain and Comparative Psychology (Selections)
Romanes	Animal Intelligence
Hobhouse	Mind in Evolution

Paper IV—Child Psychology

Tredgold	Mental Deficiency
Preyer	Mind of the Child, 2 vols
Pyle	Educational Psychology
Fœrbel	The Education of Man
Montessori	Handbook
Thorndike	Educational Psychology
Tracy	Psychology of Childhood

Practical work—

Myers	Text Book of Experimental Psychology Vol II.

Titchener	Student's Manual—Qualitative and Quantitative
Sanford	Experimental Psychology
Whipples	Physical and Mental Tests

M A EXAMINATION, 1922

English

Common Papers for Groups A and B

Paper I—General History of English Literature

(No text book)

Paper II—Drama

Shakespeare	King Lear
Aristophanes	Clouds Tr Rogers (George Bell & Sons)
Calderon	Such Stuff is Dreams are made of, or Life is a Dream Tr Fitzgerald (Macmillan, Eversley Series)

Paper III Poetry

Dryden	Virgil's Aeneid Books I and VI
Milton	Paradise Lost Books V and VI
D G Rossetti	The Early Italian Poets Dante and his circle (Dante Alighieri only)

Paper IV Prose

Plato	Euthyphro Socrates Defence Crito Tr F J Church and G F Rogers (Macmillan)
Gibbon	Decline and Fall of the Roman Empire, Chapters I III
Ruskin	Seven Lamps of Architecture

GROUP V

Paper V (a) *Chaucer and* (b) *Outlines of History of English Grammar*

(a) Chaucer	The Prologue to the Canterbury Tales Nonne Prestes Tale and Prioresses Tale
(b) Otto Jespersen	Growth and Structure of the English Language (Teubner, Leipzig 1912)
Classen	History of the English Language (Macmillan)

Paper VI—Selected Period of Poetry

Early Nineteenth Century Poetry (1798-1832)

The undermentioned authors are recommended for special study in their chief works as specified below but candidates will not be expected to show a detailed knowledge of the texts named

Wordsworth	Prelude, Books I XII, XIII Excursion Book I Selections by Mathew Arnold (Golden Treasury Series)

Coleridge	Selections by Stopford A Brooke (Golden Book of Coleridge)
Byron	Vision of Judgment, Selections by Matthew Arnold (Golden Treasury Series)
Shelley	Prometheus Unbound, Selections by Stopford A Brooke (Golden Treasury Series)
Keats	Hyperion Eve of St Agnes Lamia

Golden Treasury of Songs and Lyrics, edited by Palgrave, Book IV
Selections from English Poets, edited by Ward, Volume IV

Paper VII—Selected Period of Prose

Early Nineteenth Century Prose (1798-1832)

The undermentioned authors are recomended for special study in their chief works as specified below, but candidates will not be expected to show a detailed knowledge of the texts named —

Wordsworth	Prefaces and Appendices (Oxford Edition)
Scott	Talisman, Old Mortality, Kenilworth
Coleridge	Biographia Literaria, omitting Chapters 5—9 and 12
Lamb	Essays of Elia
Landor	Selections by Sidney Colvin (Golden Treasury Series)
Jane Austen	Pride and Prejudice
Hazlitt	English Literature, edited by Zeitlin (Oxford University Press)
De Quincey	Confessions of an Opium Eater
Shelley	Defence of Poetry

Paper VIII—Essay or Essays on Subjects connected with the course

Group B

Paper V—English Language and Literature prior to 1100 A D

Sweet	An Anglo-Saxon Reader, Part I, omit frontispiece III XI XII, XIII XXIV XXVII, XXVIII, XXXI (pieces F—M), XXXII (8th Edn Clarendon Press Oxford)

Paper VI—English Language and Literature from 1100 A D to 1500 A D including Chaucer

Chaucer	Canterbury Tales Prologue, Knightes Tale, Clerkes Tale, Monkes Tales Nonne Preestes Tale, Squires Tales Prioresses Tale Parlement of Foules
Cook, A S	A Literary Middle English Reader (Ginn & Co), omitting "Religious and Didactic Pieces" and "Plays"

The unseen passages set in this paper will be restricted to portions of Chaucer Gower and Langland not included in the set texts

Paper VII—Historical English Grammar (including the Elements of Teutonic Philology)

Books recommended for study—

Wright, J and E M	Old English Grammar (Oxford University Press)
Wyld H C	A Historical Study of the Mother Tongue (Murray)
Ditto	A Short History of English (Murray)
Greenough & Kittredge	Words and their Ways in English Speech (Macmillan)

SANSKRIT

The course shall include the following —

(The books prescribed for the first four papers are common to all the groups)

Paper I—(a) Ashtaka I of the Rigveda with Savana's commentary thereon

(b) Sayana's Instruction to his commentary on the Rigveda

Paper II—Siddhanta-Kaumudi (whole)

Paper III—(a) and *(b)* Elements of Comparative Philology with special reference to the Indo-Iranian Languages and the growth of the Prakritic dialects The following books are recommended —

Bréal, M —Semantics (Translated by Mrs Cust) (Heinemann)
Edmonds, J M —Comparative Philology (omitting ch ix)
Macdonnell, A A —Vedic Grammar for Students (Oxford)
Strong, H A, Logemann, W S and Wheeler, B T —Introduction to the study of History of Language (Longmans)
Sweet, H —The History of Language (Dent)
Tucker, T G —Introduction to the Natural History of Language (Blackie)
Uhlenbeck, C C A Manual of Sanskrit Phonetics (Luzac)
Whiteney, W D —Sanskrit Grammar (Trubner)
*Encyclopedia Britannica (11th Edition) The Article on Philology
Hastings' Encyclopedia of Religion The article on Aryan Religion

*Gune	Introduction to Comparative Philology (Poona)
*Subdasaktiprakasika	Karikas, Nos 2 3 4, 12—14 16—18, 20, 29, 31 33, 54, 56, 58 60, 61, 67 and 95

Paper IV—Two essays—*(a)* Dealing with some subject connected with the History of Sanskrit literature generally, *(b)* dealing with some subject connected with the history of the special department covered by the group taken up

Paper V, VI, VII and VIII—One of the following groups to be selected by the candidate —

A—Literature

Paper V— (a) Poetry Texts —

Naishadha Charita	Canto I with commentary
Kamandakiya Nitisara	(Jibananda's edition) Chapters 8, 9 10 and 11 (Pages 37—62)
Sukra Nitisara	(Jibananda's edition), Chapter 4 (pages 507—670)
Mahabharata	Rajdharma, Santiparva Chapters 50—60, 68, 69, 86 88 (Pratap Ray's edition)

*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk

Bharavi Cantos 13, 14, with Mallinatha's commentary.

(*b*) Translation from English into Sanskrit

Paper VI—(*a*) Drama Texts Vikramorvasi, Mrichchhakatika Venisanhara Mahaviracharita, Karpuramanjari Vararuchi's Prakrita Prakasa as is necessary for the appreciation of the Prakrit passages

(*b*) Translation from English into Sanskrit

Paper VII—(a) Prose Texts Vasavadatta, Harshacharita, Chapters 5 and 6

(*b*) Unseen passages in Sanskrit Prose for translation into English

Paper VIII—(a) Rhetoric and Prosody, namely, Kavyaprakasa, Ekavali Sarasvati Kanthabharana, Sahitya darpana and Chhandomanjari

(*b*) Unseen passages in Sanskrit Poetry for translation into English

B—Vedas

Paper I—Yaska's Nirukta and Pingala's Chhandahsutras with Halayudha's Vritti, Pratisakhya of the Rigveda, with the commentary of Uvata

Paper VI—(*a*) Aitareya Brahmana with Sayana's commentary

(*b*) Simple unseen passages in Vedic Sanskrit for translation into classical Sanskrit

(The interpretation of any recognised Indian School will be accepted)

Paper VII (*a*) Brihadaranyaka, Chapters III and IV Chhandogya, Chapters V, VI, VII and VIII

(*b*) Simple unseen Sanskrit passage from any Upanishad for translation into English

Paper VIII—(*a*) Grihya Sutra—Gobhila with commentary

(*b*) Translation from English into Sanskrit

C—Mimansa and Smriti

Paper V—(*a*) Mimansa Sutra with Sabara Bhashya first three chapters

(*b*) Simple unseen Sanskrit passages from any treatise or commentary on the Mimansa Philosophy, such as the Sloka-Vartika and the Tantra-Vartika for translation into English

Paper VI—(*a*) Jaimini Nyaya Mala Vistara and Mimansa Nyaya prakasa

(*b*) Simple unseen Sanskrit passages from any treatise or commentary on the Mimansa Philosophy such as the Mimansa-Balaprakasa, and the Tuptika for translation into English

Paper VII—(*a*) Manu Samhita with Kulluka's commentary

Dharma Sutras of Apastamba and Gautama with Haradatta's commentary

(*b*) Grihya-Sutra Gobhila

Paper VIII (*a*) Yajnavalkya Samhita with Vijnaneswara's Mitakshara —Parasara's Institutes with Madhava's commentary

(*b*) Translation from English into Sanskrit

D—Vedanta

Paper V—(*a*) Vedantasara (Jacob's edition), Panchadasi, Vedanta Paribhasha Hastamalaka (with commentary), and Siddhantaleśa

(*b*) Simple unseen Sanskrit passages from any work on Vedanta Philosophy, such as the Vivaranaprameya-Sangraha for translation into English

Paper VI—(*a*) Vedantasutras with Sankara Bhashya
(*b*) Translation from English into Sanskrit

Paper VII—(*a*) Sribhashya—Chapter I, Part I
(*b*) Advaita-Brahma-Siddhi

Paper VIII—(*a*) Bhagabadgita, Chhandogya, ch VI, Brihadaranyka, ch III, IV, Katha and Mandukya Upanishads with Sankara's commentary
(*b*) Passages for translation into English from the Anubhashya and the Sarvabhashya

F—Sankhya and Yoga

Paper V—(*a*) Sankhyasutra of Kapila with Vritti of Aniruddha, Sankhya-Karika of Isvarkrishna with Bhashya of Gaudapada
(*b*) Simple unseen Sanskrit passages from any treatise or commentary on the Sankhya Philosophy for translation into English

Paper VI—(*a*) Sankhya Pravachana Bhashya, Sankhya-Sara and Sankhya-Tattva Kaumudi
(*b*) Translation from English into Sanskrit

Paper VII—(*a*) Yoga Sutras of Patanjali with Bhashya of Vyasa and Vritti of Bhoja, Yoga Varttika of Vijnana-Bhikshu
(*b*) Simple unseen Sanskrit passages from any treatise or commentary on the Yoga Philosophy for translation into English

Paper VIII—(*a*) Yoga Vasishtha, Chapter on Nirvana, Part II, Sarvadarsana-Sangraha
(*b*) Translation from English into Sanskrit

F—Nyaya and Vaiseshika

Paper V—(*a*) Nyaya Sutras of Gautama with the Bhashya of Vatsyayana, Vartika of Udyotkara and Vritti of Visvanatha
(*b*) Simple unseen Sanskrit passages from any treatise or commentary on the Nayaya Philosophy for translation into English

Paper VI—(a) Nyayamanjari of Jayanta Bhatta—Khandanal handakhadya of Sriharsha, Chapter I
(b) Translation from English into Sanskrit

Paper VII—(a) Bhasha Parichchheda, Siddhanta-muktavali, Kusumanjali of Udyanacharya, with commentary of Ruchidatta and glo[ss] of Vardhamana
(b) Translation from English into Sanskrit

Paper VIII—(a) Vaiseshika Sutras of Kanda, with Bhashya of Prasastapada, Nyayakandali of Sridara, and Vritti of Jnanasrimitra, Saptapadarthi of Sivaditya with commentary of Yatindra-madhava
(b) Simple unseen Sanskrit passages from any treatise or commentary on the Vaiseshika Philosophy for translation into English

G—General Philosophy

Paper I—(a) Sankhyasutras of Kapila with Vritti of Aniruddha, Sankhya Tattva Kaumudi, Yogasutras of Patanjali with the Bhashya of Vyasa and Vritti of Bhoja
(*b*) Simple unseen Sanskrit passages from any work on Philosophy for translation into English

Paper VI—(a) Nyayasutras of Gautama with Bhashya of Vatsyayana and Vritti of Visvanatha, Vaiseshikasutras of Kanada with Bhashya of Prasastapada and Nyayakandali of Sridhara
(b) Translation from English into Sanskrit

Paper VII—(*a*) Vedantasara (Jacob's edition), Bhagavadgita, Vedantasutras Sankara's commentary, Chapter I, Parts I and IV, Chapter II, Part II

(*b*) Translation from English into Sanskrit

Paper VIII—(*a*) Nyayaratnamala of Parthasarathi Misra, Mimamsa Nyaya Prakasa of Apodeva Upanishads—Isa, Kena, Katha, Prasna, Munda, Mandukya and Svetasvatara, with Sankara's commentary

(*b*) Simple unseen Sanskrit passages from any work on Philosophy for translation into English

H—Prakrit

Paper V—(*a*) Prasna Vyakarana and Vipakasutra

(*b*) Translation from English into Sanskrit (or Prakrit, at the option of the candidate)

Paper VI—(*a*) Prakrit portions of the following dramas—

Sakuntala, Vikramorvasi, Malavikagnimitra, Uttarachrita Malatimadhava, Mahavira-Charita, Mrichchhakatika, Mudrarakshasa, Ratnavali, Karpuramanjari, Venisanhara

(*b*) Translation from Sanskrit into Prakrit

Paper VII—(*a*) Setubandha, Gaudavaha, Kumarapalacharita, together with a general knowledge of Prakrita Pangala

(*b*) Simple unseen passages in Prakrita for translation into English

Paper VIII—(*a*) Parkrit Grammar as in Vararuchi's Prakrita Prakasa (Cowell), Chanda's Prakrita Lakshana (Hoernle), Hemchandra (Pischel)

Candidates are also expected to be familiar with the substance of Hoernle's Grammar of the Gaudian languages

(*b*) Simple unseen passages in Prakrit for translation into Sanskrit

I—Epigraphy and History

Paper V—(*a*) Rajatarangini and its continuation with Stein's introduction and commentary

(*b*) Unseen passages in Sanskrit for translation into English

Paper VI—(*a*) Inscriptions of Asoka

(*b*) Early Indian Alphabets

Paper VII—*Epigraphia Indica*—

Volume	I	Inscriptions Nos 1, 8, 11, 13 3
"	III	Nos 8 and 17
"	IV	No 34
"	V	Nos 2 and 10
"	VI	Nos 1 and 14
"	VII	No 6
"	IX	No 31
"	X.	No 15
"	XII	Nos 8 and 18

Fleet—Corpus Inscriptionum—Nos 1-18, 33-37

Prachina Lekhamala—Lekhas 69, 79, 80, 85, 92, 111 and 118

Paper VIII,—(*a*) Ancient Geography of India

(b) Translation from English into Sanskrit

PALI

COMPULSORY PAPERS

Paper I

(*a*) Digha Nikaya (P T S)—

Brahmajala Suttanta

Samaññaphala-Suttanta
Sigalovada
Ambattha Sutta
(*b*) Majjhima-Nikaya (P. T. S.), Vol. I—Suttas, 1-15
(*c*) Samyutta-Nikaya (P. T. S.), Vol. I, pp. 1-102
(*d*) Anguttara-Nikaya—Pancakanipata (P. T. S.), pp. 1-110

Paper II

(a) Mahavagga of the Vinaya Pitaka (P. T. S.), pp. 1-156
(*b*) Bhikkhu Patimokha (P. T. S.)
(*c*) So-sot-thar-pa, by Mahamahopadhyay Dr. Satischandra Vidyabhushana

Paper III

Kaccāyana—Pali Grammar
Vuttodaya—ed. C. A. A. Silakkhanda (Nirnaya Sagara Press, Bombay)
Vararuchi—Prakrita Prakasa
R. G. Bhandarkar—Wilson Philological Lectures (Bombay)
Morris—Notes and Queries on Pali words (J. P. T. S.), 1885-87
Satischandra Vidyabhushan—Grimm's Law (Calcutta)
Gune—Comparative Philology (Poona)

Paper IV

Rhys Davids—Buddhist India
Rhys Davids—American Lectures
Mrs. Rhys Davids—Buddhism
Kern—Manual of Buddhism
Spence Hardy—Manual of Buddhism
Oldenberg—Buddha
Hoernle—Manuscript Remains of Buddhist Literature found in the Eastern Turkestan, Vol. I (The translation and the notes only)
Beale—Buddhist Literature in China
Hackmann—Buddhism as a Religion

Group A—Literary

Paper V

(*a*) Kulagaka-jataka (31) (Fausboll)
Cullabodhi-jataka (443)
Temiya-jataka (538)
Mahasutasoma-jataka (537)
Dasaratha-jataka (461)
Ghata-jataka (454)
Devadhamma-jataka (6)
(*b*) All the Jatakas referred to in Bharaut sculptures so far as they have been identified (Rhys Davids' Buddhist India, p. 209)
(*c*) Petavatthu (P. T. S.), pp. 1-43
(*d*) Introduction to Rhys David's Buddhist Birth Stories

Paper VI

Theri-Gatha with Paramattha-dipani (first half)
Thera Gatha (second half)
Suttanipata—Ed. Fausboll (pp. 1-90)
Visuddhimagga (Calcutta Buddhist Text Society)
Puggalapannatti (P. T. S.).
Milindapanho (*Mendakapanha* only pp. 90-188).

Paper VII

1 Inscriptions of Asoka (Senart and Buhler)
2 Piprahwa Stupa Inscription (as in Lüder's List of Brahmi Inscriptions No. 931)
3 Bharaut Stupa Inscription (as in Lüder's List Nos. 678-903)
4 Sanchi Stupa Inscription (as in Lüder's List Nos. 161-508)

Group B — Philosophy

Paper V

Dhammasangani
Tikapatthana
Kathavatthu (P. T. S., Vol. I, pp. 1-103)

Paper VI

Abhidhammattha Sangaha
Netti
Abhidhammavatara

Paper VII

Atthasalini (P. T. S.) pp. 1-130
Vibhanga (P. T. S.), pp. 1-160
Dhatukatha P. T. S., pp. 1—109

Group C — Epigraphy and History

Paper V

Mahavamsa (Chs. 21-37, Geiger's edition)
Sasanavamsa (P. T. S.)
Dipavamsa (P. T. S.)

Paper VI

Inscriptions of Asoka
Hathigumpha Inscription of Kharavela
Ramgarh Cave Inscriptions

Paper VII

(a) Inscriptions of the Kshaharata and Satavahana Dynasties
(b) Inscriptions of the Imperial Guptas

Paper VIII

Cunningham—Ancient Geography of India
Reports of the Archæological Survey of India about Taxila and Ispatana
Yuan Chwang (Watters, 2 vols.)

Group D — Mahayana Literature and Philosophy

Paper V

Lalita Vistara
Asvaghosha's Buddhacharita

Paper VI

Madhyamaka Sutra with Vritti of Chandrakirti
Lankavatara Sutra (Calcutta Buddhist Text Society)
Sutralankara of Asanga, edited by Sylvain Levi

Paper VII

Nyayabindu Tika of Dharmottara (A S B)
Sarvadarsanasangraha (portion dealing with Buddhism)
Mediæval School of Indian Logic (Buddhist Logic only), by Mahamahopadhyay Dr Satischandra Vidyabhushan

Paper VIII

Thibaut—Sanskrit Grammar
Macdonell—Sanskrit Grammar

ARABIC

Kitābu'l Aghānī, Vol IV —

(*a*) from middle of page 17 to middle of page 34
(*b*) from page 74 to page 98

Yatimatu'd-Dhar, Vol IV—Al-Babu l-Khāmis fi dhikr-i-Abi'l-Fidli'l-Hamadānī, pages 167-204

Qur'ān with the Kashshāf by Zamakhshari—the whole of Sūratu'l Imrān

Mishkātu'l-Ma'ābīh—

(*a*) Kitābu'l-Imārat i-Wa'l-Qādā i
(*b*) Kitābu'l-Adab

Ishārāt by Avicenna Al-Vamatu l Isi an l Al-Namatu,l-'Āshir.

Futūhu'l-Buldān by Balādhuri, pages 152-240

Mutassal by Zamakhshari—from the beginning of the book up to the end of the Bahth Ismi Mu rab

Fara'id by Mullā Mahmud Jaunpuri Ilmu l-Ma'ānī—from the beginning of the Muqaddima up to the end of the *Maqsad-i-Awwal* of the *Fann i-thāni*

Students are recommended to consult the following books —

De Sacy	Grammaire Arabe
Ditto	Anthologie Grammaticale Arabe
Wright	Grammar of Arbic Language
Howell	Grammar of Classical Arabic Language
Wright	Lectures on the Comparative Grammar of the Semitic Languages
Nuldeke	Semitic Languages (Ency Brit, XXIV, 617).
Mehren	Rhetorik Arabe
Cheikho and Edde	Ilm al-Adab
St Guyard	Theorie nouvelle de la Metrique Arabe (Jour Asiat, 1876)
Hartmann	Metrum and Rhythmus
De Goeje and Thatcher	Arabic Literature (Ency Brit II, 271)
Wallace and Thatcher	Arabic Philosophy (Ency Brit, II, 2-6)
De Boer	History of Philosophy in Islam—tr Jones
Huart	History of Arabi Literature
Arbuthnot	Arabic Authors
Nicholson	Literary History of the Arabs,
Browne	Literary History of Persia, Vol I
Cambridge Mediæval History, Vol II, Chapters 10-12	
Gibbon	Decline and Fall of the Roman Empire, Chapters 50-52, 56-59, 64, 65, 67, 68
Ameer Ali	History of the Saracens
De Goeje	Caliphate (Ency Brit V, 23)
Hitti	Origins of the Islamic State (Columbia University)

Well	History of Islamic People—tr Khuda Buksh
Goldziher	Mohammad and Islam—tr Seelye (Yale University Press).
Von Kremer	History of Islamic Civilization—tr Khuda Buksh
Macdonald	Development of Muslim Theology, Jurisprudence and Constitutional Theory
Ibn Khaldun	Prolegomena -tr Slane
Horgounje	Mohammedanism
Ameer Ali	Spirit of Islam
Elphinstone	History of India (Mahomedan Period)

PERSIAN

Poetry

The Hadiqa of Sanai (Nawal Kishor edition, 1887), Chapters I and V

The Mantiqu-t-Tair, of 'Attar from the first Maqāla to the last (Paris edition, 1857, or any other edition)

The Diwān of Nāsir-i-Khudraw (Bombay edition)

The Qasā'id of Zahīd Fāryābi- All the Persian Qasidas (Nawal Kishor or any other edition)

Prose

The Tazkira of Dawlat Shāh

The Tazkira of Awfi Part II (London edition

The Kimyā-i-Sa'ādat of Ghazzāli (page 1-50)

The Durra't-Nādira (Bombay edition), omitting the Dibācha

The Hadaiqu-l Balāghat - the first two Hadiqas

Arabic Prose —The Prose Selection prescribed for B A Pass Course

Students are recommended to consult the following books —

Fthe	Persian Language and Literature (Ency Brit XXI, 240)
Ouseley	Biographical Notices of Persian Poets
Arbuthnot	Persian Portraits
Browne	Literary History of Persia
De Boer	History of Philosophy in Islam—tr Jones
Platts and Rankin	Grammar of Persian Language
Ibrahim	Persian Grammar
Forbes	Persian Grammar.
Phillot	Higher Persian Gramm .
Geiger and Kuhr	Grundriss der Iranischen Philologie
Darmesteter	Etudes Iraniennes
Pitto	Origines de la poesie Persane
Glabs'n	Rhetoric, Prosody and Rhyme of the Persians
Blochmann	Prosody of the Persians
Ruckert	Grammatik, Poetik and Rhetorik der Perser
Azad	Sul handn-i-Fars
Cambridge Mediæval History	Vol II, Chapters 10-12
Gibbon	Decline and Fall of the Roman Empire, Chapters 50-52, 56-59 64, 65, 07, 68
De Goeje	Caliphate (Ency Brit, V 23)
Hitti	Origins of the Islamic State (Columbia University Press)
Goldziher	Mohammed and Islam—tr Seelye (Yale University Press)
Von Kremer	History of Islamic Civilization—tr Khuda Buksh

Well		History of Islamic Peoples—tr Khuda Buksh.
Macdonald		Development of Muslim Theology, Jurisprudence and Constitutional Theory
Ibn Khaldun		Prolegomena—tr Slane
Horgounje		Mohammedanism
Ameer Ali		Spirit of Islam
Ditto		History of Saracen
Elphinstone	..	History of India (Mahomedan Period).

COMPARATIVE PHILOLOGY

Paper I

Jackson, A V W	...	Philology (A pamphlet published by the Columbia University Press)
Gune, P D		Introduction to Comparative Philology (Oriental Book Supply Agency, Poona), pp 1-159
Sweet, H		History of Language (Dent)
Giles, P		Manual of Comparative Philology (Macmillan), Paras 1-65
Encyclopædia Britannica, 11th Edition		Articles on *Grammar*, *Philology* and *Significs*
Stout, G F		Manual of Psychology, 3rd Edition (London University Tutorial Press), Book IV, Chapter V
Tucker, T G		Introduction to the Natural History of Language (Blackie) Chapters 1, 4 to 10 and 16
Oertel, H		Lectures on the Study of Language (Yale University), Lectures 1 to 3 and 5
Strong, H A, Logeman, W S, and Wheeler, B I	...	Introduction to the Study of the History of Language (Longmans), Chapters 1, 2, 4, 5, and 9 to 15
Delbruck, B		Introduction to the Study of Language—translated by Humboldt (Ginn)
Belvalkar, S. K		Systems of Sanskrit Grammar (Oriental Book Supply Agency, Poona)
Greenough and Kittredge	..	Words and their ways in English Speech (Macmillan)

Paper II

Tucker	.	Chapters 2, 3 and 12 to 16
Oertel	.	Lecture 4
Strong, Logeman and Wheeler		Chapters 3 and 11.
Noel-Armfield, G		General Phonetics (Heffer)
Uhlembeck, C. C		Manual of Sanskrit Phonetics (Luzac).
Macdonnell, A A		A Vedic Grammar for Students (Oxford) Parts 1 60
Whittney, W D		Sanskrit Grammar (Trubner) Paras 1-260 and 591-98, (3rd edition to be used)
Jackson, A. V W		Avesta Grammar (W Kohlhammer, Stuttgart, Paras 1-218
Wright, J		A Comparative Grammar of the Greek Language (Oxford) Paras 28-232 (The portions not dealing with Sanskrit may be omitted)

Encyclopædia Britannica	Articles on *Accent*, *Alphabet*, *Phonetics* and *Writing*
Giles	Paras 66-115, 130-81 and 249-65
Clodd, E	Story of the Alphabet (Geo Newnes)
Majumder, Surendranath	Syllabus of a Course of Lectures on Indian Palæography (Calcutta University)
Bhandarkar, D R	*Antiquity and Origin of the Old Indian Alphabet* in Carmichael Lectures, Series II (Calcutta University)

Paper III

Strong, Logeman and Wheeler	Chapters 19 and 20
Macdonell	Paragraphs 70-183
Whitney	Paragraphs 261-1245, except those referring to Syntax prescribed for paper VI
Jackson	Paragraphs 219-900
Wright	Paragraphs 233-575 portions not dealing with Sanskrit may be omitted
Giles	Paragraphs 275-330 and 406 52

Paper IV

Tucker	Chapter 17
Strong, Logeman and Wheeler	Chapters 22 and 23
Encyclopædia Britannica	Article on *Slang*
Macdonnell	As for Paper III
Whitney	Ditto
Gune	Pages 160- 222
Bhandarkar, R G	Wilson Philological Lectures (Mrs Radhabai A Sagoon, Bombay, 1914), Lectures 1 and 2
Chattopadhyaya, B K	Prakrita Prakasa (S K Lahiri, Calcutta)
Imperial Gazeteer of India	Vol II, Chapter VI
Rhys Davids, T W	Buddhist India (T Fisher Unwin), Chapters VII—X
Muller, F	Pali Grammar (Trubner)

Paper V

Gune	.. Pages 223-52
Bhandarkar, R G	.. Lectures IV—VII
Majumdar, B C	History of Bengali Language (Calcutta University)
Sen, Dineschandra	History of Bengali Language Literature, Calcutta University Press
Tagore, Rabindranath	Sabdatattva (Indian Publishing House, Calcutta)
Trivedi, Ramendrasundara	Sabdakatha (Sanskrit Press Depository, Calcutta)
Grierson, G A	The Languages of India, being a reprint of the Chapter on Languages from the Report on the Census of India, 1901 Government Printing Press, Calcutta)

(*N B*—From this book paragraphs 1-21, 71-79 and 84-86 would be useful also for Paper I)

Imperial Gazetteer of India	Vol II, Chapter XI
Encyclopædia Britannica	Articles on Behari, Bengali, Gujarati, Hindi (Eastern), Hindi (Western), Hindustani Marathi, Oriya, Pahari, Rajastani, Sindhi and Urdu

N B—Books 3-6 are meant specially for those candidates whose mother-tongue is Bengali For those who require the other languages of India, other books will be prescribed in their stead as need arises For students whose mother-tongue is Hindi the following books are recommended —

Kellog	Grammar of Hindi (Trubner)
Greaves, Rev E	Grammar of Tulsidas's Rāmāyana (Benares)
Grierson, Sir G A	Seven Grammars of the Behari Language (specially the Introduction)

Candidates are expected to illustrate old Hindi mainly from Tulsidas's *Ramāyana*, the poems of Surdas and Malik Md Jayasi's *Padmāvati*

Paper VI

Strong, Logeman and Wheeler	Chapters 6-8 and 16-18
Morris, E P	On Principles and Method in Syntax (Yale University)
Apte, V S	A guide to Sanskrit Composition (Mrs Radhabai A Sagoon, Bombay)
Macdonell	Paragraphs 184-218
Whitney	Paragraphs 264-305, 486, 506, 507, 512, 572-82, 591-98, 776-79, 821-23, 926-30, 948-50, 960, 967 980-88, 994 995, 999, 1040, 1072-95, 1126-30, 1240-1316
Pischel, R	Grammatik der Prakrit Sprachen (Trubner), Part IV
Giles	Paragraphs 331-42 and 539-600
Sen, Dineschandra	As for Paper V
Majumdar	Ditto

For Hindi Students as in Paper V

(Books for other languages of India will also be prescribed in lead of the last two as need arises)

Paper VII

Tucker	Chapter II
Encyclopædia Britannica (9th Edition)	Article on *Aryan*
Encyclopædia Britannica (11th Edition) ...	Articles on *Pahlavi*, *Persia*, *Zend-Avesta*, and *Zoroaster*
Haug, M	Essays on the Religion of the Parsis (Trubner)
Jackson ...	Introduction to *Avesta Gramma*
Hastings' Encyclopædia of Religion and Ethics	Article on *Aryan Religion*
Macdonnell, A A	Vedic Mythology (Trubner)
Kanga, K E ...	Khordeh Avesta ba Maeni (Bombay), and Gātha ba Maeni (Bomby)

Avesta, Pahlavi and Ancient Persian Studies (in honour of the late Shams-ul-Ulama Dastur Peshotanji Behramji Sanjana)	Chapters I and IV
Bertin, G	Languages of the Cuneiform Inscriptions (Trubner), Part V

Avesta and old Persian Texts (*First Series*)—

Ashem Vohu, Yatha Ahū Vairyo, Kem Nā Mazda
Yasna IX, XII, XXVI, LIV, LVII and LX
Gathas XXVIII, XXIX, XLIV, XLVII, I, LI I and LIII, I
Vendidad, II, 22-35, IV, 1 16, 44-49 VII, 36 44 X, 16-29, and XIX 1-9, 15-16, 27-33
Behistun Inscription Column I

Avesta and old Persian (*Second Series*)

Ashem Vohu, Yatha Ahu Vairyo, Humata, Namaskar of the Four Quarters and the Final Passage of all Afringans,
Yasna II, XX, and Haptanghati (XXXV-XLII)
Yasts Gosh Sirozа II and Vistaspa
Gathas XXX, XXXI, XXXIII, 12-14, and LI
Visparad, XV
Vendidad III, 23-29, VI 44-51, VII, 36-44, XVIII, 1 7, 14-28 and XXI
Behistun Inscription Column IV

N B—The two series of Avesta and old Persian Texts are to be taken *alternately* year by year beginning with the *First series* in 1921 Thus for *odd* years the First *series* is to be taken and for *even* years the *second series*)

Paper VII (Alternative)

Caldwell, R	Comparative Grammer of the Dravidian Languages, 3rd edition (Kegan Paul) Introduction
Grierson, G A	Linguistic Survey of India, Vols. I, II, III and IV Introductions only
Hoffmann, J	Mundari Grammar (Government Press, Calcutta) Introduction
Encyclopedia Britannica	Articles on *Brahui, Dravidian Languages, Kanarese, Malayam, Mendas, Tamil, Telugu, Tibeto Burman*
Aiyanger, M Srinivasa	Tamil Studies, 1st series (Guardian Press Madras), Chapters 1-3, 6-8 and 12
Kittle	Kannada Dictionary (Basel Mission Press Mangalore) Introduction
Konow, S	Article on *Dravidian Philology* in Indian Antiquary, 1903

The following books may be consulted with advantage for the various papers —

Paper I

Stout, G F.	Analytical Psychology (Geo Allen), Vol, II Chapter X
Goldstucker	Panini (Reprint by Panini Press, Allahabad)

Wackernagel, J		Altindische Grammatik, Vol I (Vandenhœck und Ruprecht, Gottingen) Introduction
Whitworth, G C		Indian English (Garden City Press, Letchworth)
The King's English		(Oxford, 2nd edition)
Noire, L.		On the Origin of Language and the Logos theory (Open Court Publishing Co, Chicago)
Jesperson O		Progress in Language (Sonnenschein)
Bechtel, F		Die Hauptprobleme der indogermanischer Lautlehre seit Schleicher (Gottingen, 1902)
Brugmann, K	.	Kurze vergleichende Grammatik der indogermanischen Sprachen (Trubner, Strasburg)
Douzat, A		La Philosophie du Langage (Ernest Flammarion, Paris) La vie du Langage (Armand Colin, Paris)
Lefévre, A		Race and Language (International Scientific Series, London)
Max Muller, F		The Science of Language (2 Vols) (Longmans) (This though very readable has to be used with caution as it represents an antiquated view of the science)
		Three Lectures on the Science of Language (Open Court Publishing Co, Chicago)
Meillet, A	...	Les Dialectes Indo-Europeens (Ancienne Honore Champion, Paris)
		Introduction a l' Etude Comparative des Langues Indo-Europeens (Hachette, Paris)
Paul, H		Prinzipien der Sprachgeschichte (Max Niemyer Halle a S)
Prozezinski, V		Einleitung in die Sprachwissenschaft (Trubner, Leipzig)
Sayce, A. H		Introduction to the Science of Language (2 Vols) (Trubner)
		Principles of Comparative Philology (Trubner)
S C Vidyabhushana	...	Summary of Tattwa Chintamoni (Sabdakhanda) (J A S B)
Whitney, W D.		Language and its study (Trubner) Life and growth of Language (Trubner) Oriental and Linguistic Studies 1st Series (Scribners, New York), VII-XIII
Wundt, W	...	Sprachgeschichte and Sprachpsychologie (Wilhelm Engelmann, Leipzig)
Darbishire, H D.	..	Reliquæ Philologicæ (Cambridge)
Edmonds J M	...	Comparative Philology (Cambridge)
Bhandarkar	.	Commemoration Volume (Oriental Book Supply Agency), Essays 29 and 31
Breal, M	..	Semantics (tr by Mrs Cust, Heinemann)
Wylde, H C	..	Historical Study of the Mother Tongue (John Murray), Chapters I-X
Classen, F.	...	History of the English Language (Macmillan)
		Paper II
Mott, F W		The Brain and the Voice in Speech and Songs (Harper)
Thumb, A	..	Handbuch des Sanskrit (Karl Winter, Heidelberg) Paras 1 218
Vietor, W.	.	Elements of Phonetics translated and adapted by Walter Rippmann (Dent)
Whitney, W. D.	.	Oriental and Linguistic Studies, 2nd series (Scribners)

Darbishire,		Pt II 4 6
Gray, L	..	Indo-Iranian Phonology (Columbia University Press)
Hirt, H		Der indogermanische Ablaut (Der indogermanische Akzent Trubner, Strasburg)
Jesperson, O		Lehrbuch der Phonetik (Trubner, Leipzig)
Meringer, R		Indogermanische Sprachwissenschaft (Sammlung Goschen, Leipzig)
Reichelt, A	...	Avestisches Elementerbuch (Kar Winter, Heidelberg), Paras 31-179
Taylor, I	..	The Alphabet (2 vols)
Wackernagel		Vol I
Wechseler		Gibt es Laugtestze? (Halle a S)
Encyclopædia Britannica	.	Articles on *Chinese Language, Cuneiform, and Egytian Language*
Giles Herbert	.	China and the Chinese (Columbia University Press), Chapter I
Macdonnell	.	Vedic Grammar, specially the treatment of the Accent

Paper III

Thumb		Paras 219-64
Bartholomae Chr.	.	Handbuch der altiranischen Dialekte (Breitkop, & Hartel, Leipzig)
Reichelt		Paras. 180-411

Paper IV

Pischel, R	Grammatik der Prakrit Sprachen (Trubner Strasburg)
Basu C C , and Kar, L M	Asoka Anusasana (Metcalfe Printing Works, Calcutta)
Francke, R O	Pali and Sanskrit (Trubner)
Bhandarkar Commemoration Volume	Essay II
Bahechardas Jivaraj	Prakrita Margopadesika (Dharmabhyudaya Press Benares
Grierson, G A	Linguistic Survey of India, Introduction to the various volumes on the Aryan Languages of India
Beames, J	A Camparative Grammar of the Modern Aryan Languages of India (Trubner)
Hoernle, R H	A Comparative Grammar of the Gaudian Languages (Trubner)

Besides the above, special Grammars and texts of the various languages of India may be consulted, such as Kellogg for Hindi, St Clair Tisdall for Gujarati, Navalkar for Marathi, Trumpp for Sindhi, etc

Paper VI

Beames		As for Paper V
Thumb	..	Paras 646-700
Speijer, J S		Sanskrit Syntax (Leyden) Sanskrit and Vedische Syntax (Trubner, Strasburg)

Paper III

Schrader, O		Die Indogermanen (Quelle and Meyer, Leipzig) Sprach vergleichung and Urgeschichte (Jena) This has also been translated into English by Jevons under the title "Prehistoric Antiquities of the Aryan Peoples"
Hirt, H	..	Die Indogermanen (2 vols) (Trubner, Strasburg)
Kaegi, A	..	Der Rigveda (Trubner) Also translated into English
Max Muller, F	...	Comparative Mythology (2 vols) (Longmans) Biographies of Works and the Home of the Aryas (Longmans)
Taylor, I		Origin of the Aryans (Walter Scott)
Whitney, W D		Oriental and Linguistic Studies, 1st and 2nd Series (Scribner)
Darbishire		Pt I 1, (6) and Pt II, 2, (B)
Bhandarkar		Commemoration Volume, Essays 3, 7 and 8
Tilak, B G		Orion (Reprint by Ashtekar & Co Poona 1916) The Arctic Home in the Vedas (Ramchandra Govind, Bombay)
Haddon, A C		The Wanderings of Peoples (Cambridge)
Bartholomæ Chr		As for Paper III
Darmesteter J		The Zend Avesta, Part I (Sacred Books of the East) Introduction
Tolman H C		Ancient Persian Lexicon.
		Cuneiform Supplement (American Book Co New York).
Jackson, A V W		Zoroaster
		Persia, Past and Present (The Macmillan Co, New York).
Moulton, J H		Early Zoroastrianism Hibbert Lectures 1912 (Williams and Norgate)

Paper VII—(Alternative)

Hodgson, B	Essays on the Languages, Literature and Religions of Nepal and Tibet (London
Arden, A S	Progressive Grammar of the Telugu Language (S P C K Press, Madras)
Vinson, J	Grammaire Tamoule

INDIAN VERNACULARS

For the examination of 1922, Bengali will be the only Vernacular which may be taken up as Principal Vernacular, but further orders will be issued if meanwhile Satisfactory Progress is made with the Preparation and Publication of Volumes of Typical Selections in other Vernaculars

Until further orders, Candidates will be allowed to select the Subsidiary Vernacular from the following list :—

Assamese, Oriya Hindi, Marathe, Gujarati, Tamil, Telugu Kanarese Malayalam, Singhalese, Urdu

Bengali

Paper I

History of Bengali Literature from the earliest times down to 1850 *Special period*—Vaisnab Literature during the Sixteenth Century Books recommended —

D C Sen	..	History of Bengali Language and Literature
"	...	Vaisnab Literature of Mediæval Bengal
"	..	Chaitanya and His Companions
"		Folk Literature of Bengal

Paper II

(1) Vanga Sahitya Parichaya, edited by D C Sen, Vol I, pp 27-101
(2) Mayanamatir Gan edited by Nalinikanta Bhattasali (Dacca Sahitya Parishad) and Baikanthanath Datta.

Paper III

Mukundaram Kabikankan—Chandimangal
Michael Madhusudan Dutt—Meghnadbadh, Cantos I, II
Dinabandhu Mitra Nildarpan
Rajkrishna Mookerjea—Nanaprabandha

Paper IV

(*a*) Development of prose style in Bengali Literature, 1800-57
(*b*) Influence of Western Culture on Bengali Literature, 857-80

In paper II, and III 75 marks shall be allotted to the texts and 25 marks to the unseen passages

Questions on the texts shall include

(*a*) Questions on the subject matter and on the language of the prescribed books (historical geographical, critical questions and literary allusions are not excluded)

(*b*) Questions on Grammar and prosody arising from the texts

(*c*) Questions on the life and literary career of the authors whose works are prescribed

ASSAMESE

Texts

Sankardeb	Rukmini Haran
Bhattadeb	Katha Gita (first three chapters)
Lakshminath Bezbarua	Kripabar Barbarurar Kakatai
Mafijuddin Ahmad	Topola Jnana Malini
Rajanikanta Bardolai	Manomati

Grammar

Hemchandra Barua	Assamiya Byakaran
Debananda Bharali	Assamiya Bhashar Maulik Bichar
Satyanath Bora	Shahitya Bichar
Debananda Bharali	Anglo-Assamese Grammar
G F. Nichol	Assamese Grammar (in Bengali Manual)

Literary History

Debendranath Bezbarua	.	Assamiya Bhasha Aru Sahityar Buranji

URIYA

Texts

Jagannathadasa	Bhagabata, Skandha XI
Upendra Bhanja	Baidehisabilasa, Part IV
Madhusudana Rao	Prabandhamala
Ditto	Kusumanjali
Pakhuramohana Senapati	Chha-mana At-guntha

Grammar

Radhanatha Ray	Byakarana Prabesa
E C B Hallam	Oriya Grammar

Literary History

Manmohan Chakrabarti	Articles on Oriya Literature (in the J A S B, 1898-99)

MARATHI

Texts

Gadyaratna Samuchchay, Part I
Navanit, Pages 2-20, 47-88 159-71, 381-410

Grammar

Ramchandra Bhikaji Joshi	Prauphobodh Vyakaran
G R Navalker	Marathi Grammar

Literary History

Bhabe	Maharashtra Sarasvat

HINDI

Texts

Keshi Ram and Dwarka Prasad	Tulsi Sangraha
Ramnaires Tripathi	Kavita Kaumudi, Part I
Harischandra	Satya Harischandra
Ajodhya Sing Upadhyay	Theth Hindi Ka That

Grammar,

Kellogg	Grammar of the Hindi Language
Pincott	Hindi Manual
Etherington	Bhasha Bhaskar
Garcin de Tassy	Chrestomathie Hindie on Hindouiee.

Literary History

Grierson	Vernacular Literature of Hindusthan.
Hindi Sahitya Samuilani Lekhmala	(Select Portions)

GUJRATI

Texts

Ghanashyam	Patanani Prabhuta (Gujarati Press, Bombay)
I P Khansahebnand Narharilal Trikamlal	Sahitya Ratna

Grammar

Taylor	Gujarati Bhashanun Vyakaran
K P Trivedi	Madhya Vyakaran
St Clair Tisdall	Simplified Grammar of the Gujarati Language
Khansaheb and Sehth	Hints on the Study of Gujarati

Literary History

K M Jhaveri . Milestones in Gujarati Literature

URDU

Texts

Kalam-i-Urdu (Board of Examiners)
Hayat-i-Saadi (Hali)
Taubatu-n-Yasuh (Nazir Ahmad)
Nazm-i-Muntakhab
Musaddas-i-Hali

Grammar

Palmer — Simplified Grammar of Hindustani Persian and Arabic
Green — A Practical Hindustani Grammar
Forbes — Hindustani Grammar
Platts — Ditto

Literary History

Garcin de Tassy — Histoire de la Literature Hindouie et Hindustanie
Azad . Ab-i Hayat

PALI

Anderson — Pali Reader
Frankfurter — Pali Handbook
Muller — Simplified Pali Grammar
Victor Henry . Precis de Grammaire Palie
Vidhusekhar Sastri — Pali Prakasa

PRAKRIT

Vararuchi — Prakrita Prakasa
Rahasekhara — Karpuramanjari
Cowell — Introduction to Prakrit

PERSIAN

New Persian Selections — (Board of Examiners)
Kanga — Selections from Persian Prose and Poetry
Platts and Ranking — Persian Grammar
Rosen — Ditto
Kanga — Hints on the Study of Persian
St Clair Tisdall — Conversational Persian Grammar

TAMIL

Wickremesinghe — Tamil Grammar Self-taught
Pope — Tamil Handbook
Do ... Catechisms of Tamil Grammar I-II
Arden .. Progressive Grammar
Caldwell . Comparative Grammar of Dravidian Languages
Purnaligam Pillai — Primer of Tamil Literature
Ditto — Viveka Vilakkam
Ditto — Seyyul Korai
Ditto — Vaaka Thiriattu

Matriculation Selections (Madras University)

TELUGU

Brown	Telugu Grammar
Morris	Simplified Telugu Grammar
Arden	Telugu Grammar 1905, Telugu Companion Reader, 1879
Caldwell	Comparative Grammar of Dravidian Languages
Narasingham and Narasingha raw	Ananda Readers, Parts III and IV

Matriculation Selections (Madras University)

MALAYALAM

Gundert	Catechism of Malayalam Grammar (Madras, 1881)
Fohnmeyer	Progressive Grammar of Malayalam (Mangalore, 1889)
Peet	Malayalam Grammar (Cottayam 1841)
Caldwell	Comparative Grammar of Dravidian Languages
Fourth Reader	Basel Mission (Mangalore
Twelfth Reader	
Gadya Malika, Part II	
History of Malayalam Literature	

Matriculation Selections (Madras University)

KANARESE

Kittel	Grammar of Old and Modern Kannada (Mangalore, 1903)
Spencer	Kanarese Grammar (Mysore, 1914)
Caldwell	Comparative Grammar of Dravidian Languages
Rice	History of Kanarese Literature

Padya Sangraha
Padya Sara Part I, pp 1-4, 12-13, 27-30, 77-86 and 103-06
Katha Sangraha, Part I, pp 1-90
" " " II, pp 210-80
Nirmale (or She Stoops to Conquer) in Kanarese
Sabdadarsa (Kanarese)

Matriculation Selections (Madras University)

SINHALESE

Wickremasinghe	Sinhalese Grammar (London 1910)
Guna Sekra	Comprehensive Sinhalese Grammar (Colombo 1802)
Do	Kusajatakaka Vatthu
Gunawardhana	Subhasitaya
Samarasekara	Sinhalese Translation of the Dighanikaya Vol I (Brahmajalasutra and Ambatthasutra only)
Gurulu Gomu	Amawatura (first four chapters only) edited by Jayatilaka

MAITHILI

Grierson	Grammar and Chrestomathy 2 vols
Vidyapati	Padavali (Bangiya Sahitya Parishad, Indian Press, Allahabad Coomarswamy and Arun Sen)

Umapati	Parijata Harana, edited by Grierson (Bihar and Orissa Research Society, Vol III, 1917)
Grierson	Vernacular Literature of Hindustan

MENTAL AND MORAL PHILOSOPHY

Paper I —History of Ancient European Philosophy

The following books are recommended —

Ueberweg	History of Philosophy
Caird	Development of Theology in the Greek Philosophers
Zeller	Plato
	or
Zeller	Aristotle
	or
Gomperz	Greek Thinkers Vol IV
Burnett	Early Greek Philosophy
Adams	Religious Teachers of Greece
Bakewell	Sourcebook in Ancient Philosophy (Scribner

Students will be expected to have a special knowledge of the system of Plato or Aristotle and to show an acquaintance with the following special texts —

Either Plato's Republic or Aristotle's Metaphysics

Paper II —Mediæval and Modern European Philosophy

The following books are recommended —

Erdmann	History of Philosophy, Vol II,
	or
Adamson	Development of Modern Philosophy
De Wulf	Scholastic Philosophy
Do	History of Mediæval Philosophy (Longmans)
Rand	Modern Classical Philosophers (Constable)
Perry	Present Philosopoical Tendencies
Hume	Inquiry concerning Human Understanding
Watson	Philosophy of Kant as contained in extracts from his own writings

Paper III —Outlines of Indian Philosophy

The following books are recommended —

Max Muller	Six Systems of Indian Philosophy
Deussen	Philosophy of the Upanishads
Rhys Davids	Indian Buddhism (Hibbert Lectures)
Madhavacharyya	Sarvadarsana Sangraha (Cowell and Gough), [Charvaka, Bauddha, Arhata, Ramanuja Vaiseshika, Nyaya, Sankhya and Patanjala Systems]
Sankara	Commentary on the Vedanta Sutras, Second Adhyaha, Padas I and II only (Thibaut)
Ramanuja	Commentary on the Vedanta Sutras, Introduction and the first Sutra, Pada I, Adhyaya I
Seal, B N	Positive Sciences of the Hindus [Chapters I, (pages 1-56), VI (pages 218-219), and VII]

Urquhart-Pantheism and the value of Life

Papers IV — VI

(i) Psychology

Preparatory Reading.

Macdougall	Physiological Psychology

The following books are recommended

James	Principles of Psychology
Wundt	Outlines of Psychology
Stout	Analytic Psychology
Lloyd Morgan	Comparative Psychology
Kulpe	Outlines of Psychology
Villa	Contemporary Psychology
Rand	Classical Psychologists
Ward	Psychology

(ii) Logic

Students are allowed to take up any *one* of the following two alternative Courses in Logic —

(*a*) Logic as Epistemology and Inductive Logic and Methodology
(*b*) Logic as Metaphysics and Dialectic

The following books are recommended —

(a) Logic as Epistemology and Inductive Logic and Methodology—

Lotze	Logic
Bosanquet	Logic
Mill	System of Logic
Hobhouse	Theory of Knowledge
Venn	Empirical Logic
Jevons	Principles of Science
Keynes	Formal Logic

Encyclopædia of the Philosophical Sciences Vol I, Logic (Macmillan)

(b) Logic as Metaphysics and Dialectic –

Kant	Critique of Pure Reason
Fichte	Science of Knowledge, translated by A E Kroeger, with a preface by W T Harris (Trubner & Co)
Wallace	"Logic of Hegel" and "Prolegomena"
Mc'Taggart	Studies in Hegelian Dialectic
Lotze	Metaphysics

(iii) Ethics and Social Philosophy

The following books are recommended —

Green	Prolegomena to Ethics
Sidgwick	Methods of Ethics and Short History of Ethics
Wundt	Ethics
Kant	Theory of Ethics
Sterrett	Ethics of Hegel
Herbert Spencer	Principles of Sociology, Vols I and II (Political Institutions only)
Gidding	Principles of Sociology
Lester Ward	Dynamic Sociology, Vols I and II
Rand	Classical Moralists

Students will be expected to show an acquaintance with *either* of the following texts —

Aristotle's Ethics or Spinoza's Ethics

(iv) Philosophy of Religion

The following books are recommended —

Lotze	Outlines of the Philosophy of Religion
Hegel	Philosophy of Religion (Spiers and Sanderson), Part I
Pfleiderer	Philosophy and development of Religion, Vol I (Gifford Lectures)
Royce	The World and Individual (both series)
Ward	Realm of Ends (Pluralism and Theism)
Do	Agnosticism and Naturalism
Pringle Pattison	Idea of God (Gifford Lectures)
Sorley	Idea of God

(v) Special Branch of Indian Philosophy

Any one of the three following groups —

(1) The Nyaya Sutras of Gautama with Bhashaya of Vatsyayana
Vartika of Udyotkara and Vritti of Visvanatha
The Bhasha-Parichcheda with Siddhanta Muktavali
The Kusumanjali of Udayana with commentary

(2) The Sankhya Karika of Iswarakrishna with Sankhaya Tattvakaumudi of Vachaspati Misra
The Sankhya Sutras with Sankhya Pravachana Bhashya of Vijnanabhikshu
The Vedanta paribhasa
The Hastamalaka with commentary
The Advaita Brahma Siddhi
Sankara's commentary on the Vedanta Sutras (the first four Sutras and Adhyay II, padas I and II)
Ramanuja's commentary on the Vedanta Sutras (Introduction and the first four sutras)

(3) The Sutras of Kanada with Bhashya of Prasastapada and Nyayakandali of Sridhara
The Bhasha-Parichchheda with Siddhanta Muktavali
Nagarjuna's Madhyamika Karika with commentary
The Nyayabindu with commentary

HISTORY

The following are the selected periods and the books recommended for study Candidates are expected to possess a thorough acquaintance with the works marked with an asterisk -

Books recommended for study—

Paper II—Selected period of English History, from 1756 to 1815, excluding the History of British India

*Lecky	History of the Eighteenth Century
*Robertson	England under the Hanoverians
*Rose	Revolutionary and Napoleonic Era
Burke	Present Discontents, Two Speeches on America
*Roseberry	Pitt

* Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk

Paper II—Selected period of Indian History, from 600 B. C to 600 A D

•Manu	..	Institutes (Translated by Buhler) Chapters 2, 3, 6, 7, 10
•Kautilya		Arthasāstra (Translated by R Shama Sastri) Books 1, 2, 5, 6, 7, 8, 11
Rangaswami Aiyangar		Ancient Indian Polity
Rhys Davids		Buddhist India
V A Smith		Asoka
•R G Bhandarkar		Early History of the Deccan
•Krishnaswami Aiyangar		Beginnings of the South Indian History, Chaps 1-3
•D R Bhandarkar		Carmichael Lectures, First Series
•Megasthenes		Indica
The Periplus of the Erythræan Sea (Translated by Schoff)		
•†Fa Hian		Travels (Translated by Legge)
•†Yuan-Chwang		Travels in India (Translated by Watters
•V A. Smith		Early History of India (Latest edition)

(Students are expected to possess a general knowledge of the Ancient Geography of India)

Paper III—General History of the Ancient East

Breasted	History of Egypt
Ditto	Development of Religion and Thought in Ancient Egypt
Jastrow	Civilisation of Babylonia and Assyria
Rogers	History of Babylonia and Assyria, 1917

Paper IV—Constitutional History of England

Stubbs	Constitutional History of England	
Hallam	Ditto	ditto
Erskine May	Ditto	ditto
Documents and Extracts illustrative of English Constitutional History (Calcutta)		

Paper V—International Law

Hall	International Law
Wheaton	International Law (Ed Phillipson),
Stowell and Munro	International Cases, 2 vols

Papers VI and VII—History of Islam.

•Muir	..	Caliphate
•Zevdan	..	Umayyadas and Abbasides
•Khuda Buksh		Islamic Civilisation
•Goldziher		Mohammed and Islam (Tr Seelye) (Yale University Press)
Freeman		History and Conquest of the Saracens
Gibbon		Decline and Fall of the Roman Empire, Chapters 50-52, 56-59, 64, 65, 67, 68
Ameer Ali		History of the Saracens
•Elphinstone	...	History of India
•Elliott		Ditto

• Candidates are required to possess a thorough aquaintance with the books marked with an asterisk

† Candidates are not required to possess a minute knowledge of geographical details

*Ferishta	History of the Rise of the Mahammadan Power (Tr Briggs)
*Babar	Memoirs (Talbot or Beveridge)
Vincent Smith	Akbar
*Owen	India on the Eve of the British Conquest
Do.	Fall of the Moghul Empire
Keene	Ditto ditto
*Hitti	Origins of the Islamic State (Columbia University Press)
*Aghnides	Mohammedan Theories of Finance (Columbia University Press)

*Cambridge Mediæval History, Vol II, Chapters 10-12

Special period of Indian History

One of the following alternative courses —

(A) Rise of the British Power in India

*Mill	History of British India, edited by Wilson (from Chapter VII of Book IV to the end of Book VI)
Sir Alfred Lyall	The Rise and Expansion of the British Dominion in India
Malcolm	Political History of India
*Owen	India on the Eve of the British Conquest
Ramsay Muir	Making of British India
Ranade	Introduction to the Peshwas Diaries
Keene	Fall of the Moghul Empire
*Grant Duff	History of the Mahrattas
Bowring	Haidar Ali and Tipu Sultan (Rulers of India Series)
R C Dutt	Economic History of India under the Early British Rule
Francklin	Shah Alum
Gholam Hossain Khan	Seir Mutaqherin, Sections XII XIII and XIV
*Forrest	Selections from State Papers, 1772-85 (Portions relating to the Rohila War, Warren Hastings' relating with Nandakumar, Chait Sing and the Begums of Oudh)
*Owen	Selections from Wellesley Despatches

*Fifth Report of the Select Committee on the affairs of the East India Company, Bengal Presidency, including Grant's Analysis

(B) History of the Rajputs (Books to be recommended later).
(C) History of the Mahrattas (Books to be recommended later)
(D) History of the Sikhs (Books to be recommended later)

Economic History of England and India

*Cunningham	Growth of English Industry and Commerce
*Bowley	History of England's Foreign Trade in the XIXth Century
Traill	Social England, Vol VI Economic Section

* Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk

Buxton	...	Finance and Politics
*Ashley	.	Economic Organisation of England
Ascoli		Early Revenue History of Bengal
Robinson		East India Trade
Report of the Industrial Commission		
Imperial Gazetteer of India Vols III and IV (Economic portions)		
History of Commerce in India, 1765-1918		

Comparative Politics

*Kautilya	.	Arthasastra (Trans Shama Sastri)
Rangaswami Aiyangar		Ancient Indian Polity
Pramathanath Banerjea		Public Administration in Ancient India
*Aristotle		Constitution of Athens (Tr Poste)
*Coulanges		Ancient City (Tr Small)
Warde Fowler		The City State of the Greeks and Romans
Maine		Ancient Law
*Sidgwick		Growth of European Polity
*Freeman		Comparative Politics
Woodrow Wilson		Constitutional Government
*Lowell		Governments of France, Germany and Italy.
Vincent		Switzerland
Wallace		Government of England
*Allen		Evolution of Governments and Laws
Ogg	...	Government of Europe

Special period of European History—The French Revolution to the Death of Robspierre

*Cambridge Modern History, Vol VIII		
Mignett		History of the French Revolution
*Theirs	.	History of the Great French Revolution
De Tocqueville		France before the Revolution
*Acton		Lectures on the French Revolution
*Carlyle	...	History of the French Revolution edited by Fletcher or Rose
*Burke		Reflections on the French Revolution
*Young		Travels in France during the year 1787-89
*Aulard		Political History of the French Revolution
Putzger		Historical Atlas

History of the Mahrattas

*Grant Duff—History of the Mahrattas
Kincaid and Parasnis—A History of the Marattha people
Sarkar—Shivaji and His Times
*Ranade—Rise of the Maratta Power, Vol. I
*Forrest—Selections from Bombay records—Mahratta series
*Owen—Selections from Wellesley's Despatches
*Owen—Selections from Wellington's Despatches
*Malcolm—Memoir of Central India.
*Francklin—Shah Alum
*Elphinstone—Official writtings of Mounstuart Elphinstone Forrest.
*Ranade—Introduction to the Peshwas Diaries
* Do —Currencies and Mints under Mahratta Rule
Keene—Fall of the Moghul Emplre
*Documents and Extracts relating to Maratha History, Vol. I
Shivaji by S N Sen (Calcutta University)

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* Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk

Works of Reference.

Chitnis Bakhar
The Peshwas' Diaries selected by R B. Wad, 9 Vols
Rajwade—Marattyancha Itihasanchi Sadhanen, 23 vols
Kihare-Aitihasik Lekha Sangraha 10 vols
Elliott—History of India
Ferista—History of the Deccan (Tr Scott)
W H Tone—Institutions of the Mahrattas (Annual Register, 1719)
Aitchison—Treaties

History of the Sikhs

Cunningham—History of the Sikhs
Macgregor—History of the Sikhs
M Latif—History of the Punjab
Wilson—Religious Sects of the Hindus
Maccauliffe—The Sikh Religion
Gokulchandra Narang—"The Transformation of Sikhism"
Khazan Singha—History and Philosophy of the Sikh Religion
Lepel Griffin—Ranjit Singh (Rulers of India Series)
Baird—Private Letters of the Marquess of Dalhousie
Despatches of Lord Gough
Despatches of Lord Hardinge
Gough and Innes—The Sikhs and the Sikh Wars
C Wade—'Our Relations with the Punjab'
Prinsep—Origin of the Sikh Power in the Punjab
Malcolm—Sketch of the Sikhs
Osborn—Court and Camp of Runjeet Singh
Aitchison—Treaties

ANCIENT INDIAN HISTORY AND CULTURE

COMPULSORY PAPERS

(1) *General History of Vedic and Epic India*

*Weber	History of Indian Literature (pages 1—195)
*Macdonell	History of Sanskrit Literature (Chaps I—X)
Jacobi	Das Ramayana
*Hopkins	The Great Epic of India
*D R Bhandarker	Carmichael Lectures, First Series (1918)
*Muir	Sanskrit Texts, Vol V,
Kaegi	Rigveda
Zimmer	Altindisches Leben Book I, Ch 4, and Book II, Ch I

(2-3) *Political History of the Post-Epic Period*

*V A Smith	Early History of India
*Bombay Gazetteer, Vol I	
Krishnaswami Aiyangar	Ancient India
Ditto ..	Beginnings of South Indian History, Chaps 1-3
*Pargiter	Dynasties of the Kali Age
*Inscription relating to Pala and Sena Dynasties	
*D R Bhandarkar	Carmichael Lectures, First Series (1918)
*Stein	Rajatarangini (Introduction only)

*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk

(4) *Historical Geography of Ancient India*

*Cunningham	... Ancient Geography of India.
*Periplus of the Erythræan Sea	
*Ptolemy	. Geography of India
*Watters	Yuan-Chwang
Fleet	Topographical List of Brihatsamhita (Indian Antiquary, 1893, pp 169—195).
Vivien de St Martin	... Etude sur la geographie et les populations primitive du nord-ouest de l'Inde d'apres les Hymnes Vedique
Pargiter	.. Translation of Markandeya Purana (Bhuvanakosa only)
Foucher	. Notes on the Geography of Gandhara

*Reports of the Archæological Survey of India about Takshasila, Isipatana, Vaisali, Sravasti, Rajagriha and Kusinara

OPTIONAL PAPERS

1—ARCHÆOLOGY (A)

(1) *Epigraphy*

*Inscriptions of Asoka
*Inscriptions of Kharavela, Sunga and Satavahana Kings
*Inscriptions of Kshatrapa families
*Inscriptions of the Imperial Gupta Dynasty

(2) *Fine Arts and Iconography*

*V. A Smith	History of Fine Arts in India and Ceylon.
*Havell	Indian Sculpture and Painting
*Gopinath Rao	Elements of Hindu Iconography.
*Grunwedel	Buddhist Art
Foucher	Beginnings of Buddhist Art
G. N Banerjee	. Hellenism in Ancient India

(3) *Numismatics*

*V. A Smith	Catalogue of the Coins in the Indian Museum (up to the end of the Gupta period)
*Rapson	... Catalogue of the Coins Andhras, Western Kshatrapas, etc.
*Allan	Catalogue of Coins, Gupta Dynasties
*Whitehead	Catalogue of the Coins of the Punjab Museum, Lahore, Vol I

(4) *Ancient Architecture*

*Fergusson	... History of Indian and Eastern Architecture, Vols I-II.
*Havell	.. Ancient and Mediæval Architecture of India

1—ARCHÆOLOGY (B).

(ALTERNATIVE COURSE)

Paper V

D. R Bhandarkar	Carmichael Lectures (Second Series)

*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk

Adolpha Reinach	Apropos de l'origine de l'alphabet (Revue Epigraphique, janvier-mars 1914, pp 124-155)
Dr Flinders Petrie	The Formation of the Alphabet
Wilke	Sudwest Europaische Meg lithkultur und ihre Beziehungen zum Orient (pp 55-65)

The Journal of the Hyderabad Archæological Society, 1917, pp 55-79.
The Indian Antiquary, May, 1919

Paper VI

E A Parkyn	Prehistoric Art
T Wilson	Arrowpoints, Spearheads and Knives of Prehistoric Times (Washington, 1899)
Avebury	Prehistoric Times (7th edition, 1913, Williams and Norgate)
W J Sollas	Ancient Hunters and their Modern Representatives (Macmillan, 2nd edition)
Logan	Old Chipped Stones of India (Thacker, Spink & Co, 1916)
R Bruce-Foote	The Foote collection of Indian Prehistoric and Protohistoric Antiquities—Notes on their Ages and Distribution (Madras Govt Press, 1916)
J Coggin-Brown	Catalogue raisonné of the Prehistoric Antiquities in the Indian Museum (Simla Govt Press 1917)
A Rea	Catalogue of the Prehistoric Antiquities from Adichanallur and Perumbair (Madras Govt Press, 1915)

Journal of the Bihar and Orissa Research Society, September, 1918

Paper VII

Bruce-Foote	Notes on Ages and Distribution p 125
Coggin-Brown	Catalogue raisonné page 144
Rapson	Indian Coin
Do	Journal Royal Asiatic Society, 1898
E Thomas	Ancient Indian Weights
T W Rhys David	On the Ancient Coins and Measures of Ceylon
Sir Walter Elliot	Coins of Southern India (1886), pp 45-63.
W. Bridgeway	The Origin of Metallic Curryency and Weight Standards, 1892
H C Millies	Recherches sur les Monnaies des Indigenes de l' Archipel Indien et de la Peninsule Malaie (1871)
A. C. Haddon	Evolution in Art (Chapter on Wealth)

Paper VIII

J Eric Poet	Rough Stone Monuments and their Builders (Harper, 1912)
Fergusson	Rude Stone Monuments in all Countries (London, 1872)

* Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk

Montelius	Orient and Europa (1909).
Congreve	Madras Journal of Literature and Science (1847)
Yule	Proceedings of the Society of Antiquaries, Scotland, Volume I
Taylor	Transactions of the Royal Irish Academy, Volume XXIV
Walhouse	Journal of the Anthropological Institute (1877, August)
Babington	Transactions, Literary Society of Bombay (1823)

Reports of the Archæological Survey Madras (1902-17)

II—SOCIAL AND CONSTITUTIONAL HISTORY

(1 3) Social and Economic Life and Administration

*Zimmer	Altindisches Leben
Rhys Davids	Buddhist India
*Hillebrandt	Ritualliteratur, Chaps I-II (Grundriss Series)
*Fick	Die Soziale Gliederung in Nordostliche. Indien
Mrs Rhys Davids	Notes on Early Economic Conditions in Northern India (J R A S London, 1901, pp. 159-888 Economic Journal for 1901)
*Kautilya	Arthatastra
Rangaswami Aiyangar	Ancient Indian Polity
*Mahabharat-Santiparva,	Sections 56-157
P N Banerjea	Public Administration in Ancient India
*Manu	Institutes (Trans Buhler)
*Ganutama and Baudhayana	Dharma Sutras and Gobhila Grihya Sutras (Sacred Books of the East Series)
*Alberuni	India (omitting the mathematical details) (Trans Sachau)
*Periplus of the Erythrean Sea	Trans Schoff)
Rawlinson	India and the Western World
*D R Bhandarkar	Carmichael Lectures, First Series (1918)
R C Majumdar	Corporate Life in Ancient India
R K Mookerjee	Local Government in Ancient India

(4) Ethnology

*Keane	Ethnology
Ruggeri	The first outline of a systematic Anthropology of Asia (Tr Chakladar)
Haddon	Races of Man
Risley	Ethnographic Appendices (Census of India, 190
*Ditto	Peoples of India (Second Edition)
*Senart	Castes in India (Indian Antiquary, 1912, pp. 101-114 and pp 129-139)
Thurston	.. Ethnographic Notes on Southern India (one Volume edition), pp 101-114 and pp 129-139
*D R Bhandarkar	. Foreign Elements in the Hindu Population (Indian Antiquary, 1911 pp 7-37), Guhilot (J A. S B, 1910)
Ramaprasad Chanda	The Indo-Aryan Races
*Risley	Manual of Anthropometry

* Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk

Gupte, ... Craniological Data from the Indian Museum, Calcutta

Ducworth . International agreements for unification of craniometric measurements (Camb. Unv Press)

III—RELIGIOUS HISTORY

General

*Hopkins . Religions of India (Handbook on the History of Religions Series)

*Barth . Les Religions de L' Inde et Bulletins des religions de L'Inde Vols I and II

Gupte .. Hindu Holidays and Ceremonies

(*1*) *Vedic Religion*

*Bloomfied .. Religion of Veda

*Macdonell ... Vedic Mythology

*Hillebrandt .. Ritualliteratur, Chaps I, III and IV

(*2*) *Epic and Pauranic Religions*

*R G. Bhandarkar . Vaisnavism, Saivism and Minor Religious Systems (omitting XIX-XXV of Part I)

(*3*) *Buddhism.*

*Rhys Davids American Lectures

*Mrs Rhys Davids . Buddhism

*Kern . Manual of Indian Buddhism

*Spence Hardy . Manual of Buddhism

*Oldenberg Buddha

*I-tsing Records of the Buddhist Religion (Takakusu)

*Fa Hian Travels (Legge)

*Warren Buddhism in Translations

*Hoernle Manuscript remains of Buddhist Literature found in Eastern Turkestan, Vol I (the translations and notes only)

(*4*) *Jainism*

*Jacobi Introduction and Translation of the Jaina Sutras, Parts I and II (Sacred Books of the East, Vols XXII and XLV)

*R. G Bhandarkar Report on the Search of Sanskrit Manuscripts in the Bombay Presidency during the year 1883-84 pp 91-157

*Buhler . On the Indian Sect of the Jainas (translated and edited with an outline of Jaina Mythology by Burgess)

*Vijayanandasuri Sri-Jainatattvadarsa

Uvasagadasao .. Bib Ind Series.

Hoernle Ajivakas (Enc Rel and Ethics)

IV—INDIAN ASTRONOMY AND MATHEMATICS.

(*1*) *Mathematics*

Selected texts on Mathematics for critical, historical and comparative study —

* Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

Sulva-Sutras

*Thibaut	On the Sulva-Sutras (J A S B, Vol 44) The Pandit, Vols 9 and 10 (Old Series,) Vols 1 and 4 (New Series)
Burk	Das Apastamba Sulva-Sutra (Z D M G, Vols 55 and 56)

(2) *Mathematics*

History of Mathematics, with special reference to the works of Aryyabhatta I, Varaha Mihira Brahmagupta, Aryyabhatta II, Mahavira Sridhara and Bhaskaracharyya

The following books are recommended —

*Aryyabhatiam	Edited by Dr Kern
Brahmasphuta-siddhanta	Edited by Pd Sudhakara Dvivedi
*Mahavira	Ganita-sara-sangraha (Madras)
Sridhara	Trisatika, edited by Pd Sudhakara Dvivedi
Ditto	Edited by G R Kaye and K Ramanujacharyya
Lilavati and Vijaganita	Edited by Pd Sudhakara Dvivedi
Ditto	Edited by Pd Radhaballabh Jyotishtirtha
Lilavati	Edited by H C Banerji
*Colebrooke	Translation of the Lilavati and the Vijaganita, and the Chapters on Mathematics in the Brahmasphuta-siddhanta
Smith, D E	Hindu-Arabic Numerals
Schubert, H	Mathematical Essays and Recreations, translated by T J McCormack

(3) *Astronomy*

Selected text on Astronomy for critical historical and comparative study —

*Suryya-Siddhanta

Editions and Translation recommended —

Suryya-Siddhanta	With Ranga Natha's Commentary
Ditto	Translated by Burgess and Whitney (J Am Orient Society, Vol. VI)

(4) *Astronomy*

History of Astronomy, with special reference to Jyotisha-Vedanga, Jaina Astronomy, the (modern) Suryya-Siddhanta, and to the works of Aryyabhatta I, Varāha Mihira, Brahmagupta, Aryyabhatta II, Munjala, and Bhāskaracharyya

The following books are recommended —

Yajusha Jyotisham	By Pd Sudhakara Dvivedi
*Thibaut	Contributions to the Study of the Jyotisha-Vedanga (J A S B, 1877)
Ditto	On the Suryya prajnapti (J A S B, 1880).
*Aryyabhatiyam	Edited by Dr Kern
*Pancha-siddhantika	Translated by Dr Thibaut and Pd Sudhakara Dvivedi
*Kern	Preface to the Brihat-Samhita of Varaha Mihira (Collected Works, Vol 4).

* Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk

Brahma-sphuta-siddhanta		Edited by Pd Sudhakara Dvivedi
*Bhaskara	.	Siddhanta Siromani, edited by Pd Bapudev Shastri.
Ditto	..	By Pd Bapudev Shastri and Wilkinson
*Bentley J	.	Hindu Astronomy
Bailley, J F	..	Historie l'e dastronomie ancienne depuis son origine jusqu'á l'establishment de l'ecole d'Alexandria (1871)
Playfair		(1) On the Astronomy of the Brahmans (2) On the Trigonometry of the Brahmans (Collected Works, Vol III)
*Brennad		Hindu Astronomy
*Whitney		Oriental and Linguistic Studies (Series II, 1875), The twelfth Essay—The Lunar Zodiac, on the views of Biot and Weber respecting the relations of the Hindu and Chinese systems of asterisms, with an addition on Muller's views, etc
Max Muller	.	On Ancient Hindu Astronomy and Chronology (Preface to Rig Veda, Vol 4).
*Thibaut	..	Grundriss der Indo-arischen Philologie, Vol III, No 9 Articles in the "Indian Thought" on the History of Indian Astronomy
Bhau Daji		Literary Remains
Tilak	.	The Orion
Do		The Arctic Home of the Vedas
Jones		Articles on Indian Astronomy (Collected Works, Vol I)
Davis, S		On Hindu Astronomy (As Res, Vol II
Montucla		Histoire des Mathematiques, Vol I, Part I, Book 3
Delambre		Histoire de Astronomie Vol I
Marie		Histoire des Sciences Mathematiques et Physiques, Vol II (The Articles on Aryabhata, Brahmagupta, Bhaskara)
Cantor	...	Geschichte der Mathematik
Newcomb	...	Astronomy

ANTHROPOLOGY

Syllabus

(X)

Paper I

Physical Anthropology

Zoological and Palaeontological

Paper II

Physical Anthropology

Morphological, Physiological and Psychological

Paper III.

Cultural Anthropology

Archaeological and Technological

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*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk

Paper IV.

Cultural Anthropology

Linguistic and Sociological.

Papers V & VI

GROUP A

Physical Anthropology

Racial History of the Caucasic peoples of Asia, North Africa and Europe

Candidates may specialise, either in the Caucasic peoples of Asia and Northern Africa, or in those of Europe

GROUP B

Social Anthropology with special reference to the primitive tribes of India including history of primitive religious ideas and practices, social organisations, and domestic rights and usages

GROUP C

Social Anthropology with special reference to the religious and social institutions of the Indian peoples other than primitive tribes

Paper VII

Laboratory, Museum and Field work in Physical Anthropology

Paper VIII

Laboratory, Museum and Field work in Cultural Anthropology.

(Y)

Paper I

Physical Anthropology including origin and antiquity of man

Paper II

Social Anthropology

Paper III

Pre-historic Archeology and Technology

Paper IV

Indian Ethnography

(Z)

Paper I

Outlines of physical and cultural Anthropology.

Paper II

Indian Ethnology

Lectures will be required in all these subjects Lectures will also be required, under the Regulations, in the following subsidiary subjects, in so far as acquaintance with them is necessary for the proper understanding of Anthropology

1 Archeology
2. Human Anatomy.
3 Geography
4 Psychology
5 Geology.
6 Zoology

7 Physiology
8 Statistics with special reference to Biometrics

The following books are recommended for study for the Examination, 1922

Paper I

Physical Anthropology, Zoological and Palæontological

W. H L Duckworth	...	Morphology and Anthropology, Vol I, (2nd Edn)
Osborn	...	Men of the Old Stone Age

Paper II,

Physical Anthropology, Morphological Physiological and Psychological

Haddon, Keane	Man, Past and Present, 1920, Chapters VI and XII-XV and the conspectus of other chapters
Risley	The People of India, Chapter I
Chanda	The Indo-Aryan Races, Chapters I and II
Bhandarkar	'Foreign Elements in the Hindu Population' The Indian Antiquary, 1911, pp 7-37

Paper III

Cultural Anthropology, Archæological and Technological

F A Parkyn	Prehistoric Art
Osborn	Men of the Old Stone Age
P Mitra	Prehistoric Cultures and Races of India
Coomaraswamy	Arts and Crafts of India

Papers IV

Cultural Anthropology, Linguistic and Social

Marett	Anthropology, Chapters V-X
Risley	The People of India, Chapters II, IV-VI
Chanda	The Indo-Aryan Races, Chapters III-V

Papers V & VI

GROUP A

Racial History of the Caucasic People of Asia, North Africa and Europe

Candidates may specialise either in the Caucasic People of Asia and North Africa or of Europe

V(1)

Risley	Tribe and Caste of Bengal Anthropometrical Data
Risley and Gupta	Ethnographical Survey of India, Volumes containing Anthropometrical Data
Haddon Keane	Man, Past and Present, Chapters VIII, IX, XIII-XV
M A Czaplica	The Turks of Central Asia, 1919.
T A Joyce	"On the Physical Anthropology of the Oases of Khotan and Keriya," Journal of the Royal Anthropological Institute, Vol 33, pp 305-24, "Notes on the Physical Anthropology of Chinese Turkestan and the Pamirs," *Ibid* Vol 42, pp 450-484
Luschan	The Early Inhabitants of Western Asia (Huxley Memorial Lecture for 1911) Journ. Roy Anthr. Inst, Vol. 41, pp. 221-44.

C G Seligmann	"The Physical Characters of the Arabs Journ Roy Anthr Inst, Vol 47 p. 214
G Elliot Smith	The Ancient Egyptians (Harper's Library of Living Thought), 1911
C G. and B Z Seligmann	"Some Aspects of the Semitic Problem in the Anglo-Egyption Sudan' Journ Anthr Inst, Vol 43, pp 593-705.

A (2)

W Z Ripley	Races of Europe, 1900
Gustav Retzius	The So-called North European Race of Mankind (Huxley Memorial Lecture, 1909,
John Beddoe	Anthropological History of Europe, 1912
Fleure and Jones	"Geographical Distribution of the Anthropological Types in Wales', Journ Anthr Roy. Inst, Vol 46, pp 35-143
V Giuffrida Ruggeri	'A Sketch of the Anthropology of Italy," Journ Roy Anthr Inst, Vol. 48, pp 80-102, The Origins of the Italian People, American Journal of Physical Anthropology Vol I, pp 317-28
Fleure and Winstanley	"Anthropology and Our Old History" *Journ Roy Anthr Inst*, Vol 48, pp 155-58
A A Mendis Corea	"Origins of the Portuguese" Am Journ Phy. Anthropology, Vol II, pp 117 146

PAPERS V AND VI

GROUP B

Social Anthropology with special reference to the primitive tribes of India

Emele Durkheim	The Elementary Forms of the Religious Life, Eng Tran by Swan pp 1-298
W H R Rivers	Kinship and Social Organisation

Generalized accounts of the religious ideas and practices, social organisation and domestic rites and usages of the primitive tribes of India from the volumes on Tribes and Castes of the different provinces, district Gazetteers, and separate Monographs and Memoirs. Candidates may specialise either in the primitive pre-Dravidian Tribes or in the Mongoloid tribes.

PAPERS V AND VI

GROUP C

Social Anthropology with special reference to the religious and social institutions of the Indian peoples other than primitive tribes

PAPER V

RELIGION—

Vedic—

Saunaka's *Brihaddevata* translated by A A Macdonell (Harvard Oriental Series)

Eggeling	Satapatha Brahmana Part I, pp 1-338, Part II, pp 1-391

Paurânik—

Raghuvânandana, Durgotasavatattva (*Tithi-tattva* with Bengali translation published by the Bangabasi Press)

Tantrik—

Krishnananda, .. Tantrasara, Sections relating to Sāmanga pujā and Kālī pūjā

Folk religion—

The cult of Mangalachandi (personal observation and investigation)

PAPER VI

Caste and the Caste Code

Muirs' Sanskrit Texts Vol I

Laws of Manu, Chapters IX and X

Ambattha Sutta (Rhys Davids, *Dialogues of the Buddha*, Part I, pp 96 136)

Vadhura Sutta Chalmers translation *Journal of the Royal Asiatic Society* 1894, p 341

Aggañña Sutta, the Digha Nikaya Pali Text Society, Vol III, pp 80-98

Notices of Castes in the Extracts from Megasthenes, in the works of the Chinese pilgrims and in Alberuni's *India*

Baine Ethnography, Strassburg, 1912

History and generalised accounts of Caste and Caste Code of the different provinces of India to be gathered from the volumes on castes and tribes of the different provinces and the publications of the Ethnographic Survey Candidates may specialise either in the castes of provinces represented by the Pancha Gaudas - Sarasvata (the Punjab), Kanyakubja (the United Provinces), Maithila (Behar), Gauda (Bangal), and Utkala (Orissa), or by the Pancha Dravidas - Dravida (Tamil and Malayali), Karnāta (Canarese speaking), Trailanga (Telugu), Mahārāstra (Marathi Speaking) and Gurjjara (Gujrat)

PAPER VII

Field and Laboratory work under the general guidance of Professors

Notes and Queries on Anthropology, Fourth Edition, Part I, pp 1-16

Alex Ardlick's contributions on anthropometry, craniometry and osteometry to the *American Journal of Physical Anthropology*, Vols II and III

PAPER VIII

Field work under the general guidance of Professors

Notes and Queries on Anthropology, Fourth Edition, Part II,

C. S Burne Hand book of Floklore, 1914

POLITICAL ECONOMY AND POLITICAL PHILOSOPHY

PAPERS I AND II—*General Economics*

*A Marshall	Principles of Economics
Ditto	Industry and Trade
*Taussig	Principles of Political Economy
*Bastable	International Trade
Pigou	Wealth and Welfare
Todd	Mechanism of Exchange
Bartholomew and Lyde ..	Atlas of Economic Geography (for reference)

PAPER III—*General Principles of Political Philosophy*

*Sidgwick	Principles of Politics
J S Mill	Liberty

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* Candidates are expected to possess a thorough acquaintances with the books marked with an asterisk

*J S Mill	Representative Government
*Green	Lectures on Political Obligations
*Wiloughby	Nature of the State
Hobhouse	Social Evolution and Political Theory
Kant	Perpetual Peace (Tr Miss Campbell Smith)
Ramsay Muir	Nationalism and Internationalism
Theory of the State	(Oxford Press)

PAPER IV—*Public Administration*

*Lowell	Government of England
*Dicey	Law of the Constitution
Bastable	Public Finance
*Keith	Responsible Government in the Dominions
Egerton	Rise and growth of British Colonies
P Mukerjee	Indian Constitutional Documents
Ayyangar	Indian Constitution

Imperial Gazatteer of India—Vol IV (Administrative)

Fifth Report of the select Committee of the House of Commons, 1812 (Extracta and Documents published by the Calcutta University and Introduction to "Early Revenue History of Bengal," by Ascoli)

Group A

PAPER V—*General History of Economics*

*Haney	History of Economic Thought
*Gide and Rist	A History of Economic Doctrines
Meredith	Economic History of England (from the Industrial Revolution)
Malthus	Population (Selections, Economic Classics Series Macmillan & Co)
Ricardo	Political Economy (Selections, Economic Classics Series, Macmillan & Co.)
Adam Smith ..	Select Chapters from Wealth of Nations (Economic Classics Series, Macmillan & Co)
Cunningham .	Growth of English Industry and Commerce—Modern Times, Part II (Laissez Faire)

PAPERS VI AND VII —(*i*) *The History, Theory and Present Systems of Banking and Currency*

*Conant	Principles of Money and Banking
Pierson	Principles of Economics, Vol I, Part II (Money)
*Fisher	Purchasing Power of Money
*Dunbar	History and Theory of Banking
Burton	Commercial Crises
*Withers	Stocks and Shares
Andreades	History of the Bank of England.
Layton	Introduction to Study of Prices

Marshall's Evidence, Gold and Silver Commission, 1888

Report of the Royal Commission on Indian Currency and Finance, 1914

(*ii*) *History, Theory and Present Organisation of International Trade*

Chapters bearing on the subject in Ricardo, J C Mill and Cairnes

List	National System of Political Economy, Book II
*Pigou	Protective and Preferential Import Duties

*Candidates are expected to possess a thorough acquaintance with books marked with an asterisk.

Giffen	The Use of Import and Export Statistics (Essay IX in Volume of Economic Inquiries and Studies)
Goschen	Foreign Exchanges
P Ashley	Modern Tariff History
Taussig	Tariff History of the United States
Bowley	England's Foreign Trade in the XIXth century
*Brown	International Trade and Exchange
*Taussig	Aspects of the Tariff Question
Clare	A B C of Foreign Exchange
Marshall	White paper on Tariff Policy

Views of the Government of India on the question of Preferential Tariffs, 1904, Ed 1913

Review of the Trade of India (Latest issue)

(iii) *The Theory and Practice of Statistics including Demography*

*A L Bowley	Elements of Statistics
King	Statistical Methods
Giffen	Statistics
Bowley	Measurement of Social Phenomena
Mayo Smith	Statistics and Economics Statistics and Sociology
*Yule	Introduction to Statistics
Newsholme	Vital Statistics
West	Mathematical Statistics

The Jubilee Volume of the Royal Statistical Society

British and Foreign Trade and Industries, being Memoranda, etc prepared by the Board of Trade (commonly called the Fiscal Blue Books)

Imperial Gazatteers, Vol I, Chapters IX and X

Moral and Material Progress of India (Decennial Edition, 1913)

(iv) *Mathematical Economics*

*Cunnynghame	Geometrical Political Economy
*Cournot	Mathematical Principles of the Theory of Wealth (Economic Classics Series, Macmillan & Co)
*Jevons	Theory of Political Economy
Marshall	Principles of Economics (Mathematical appendices)
*Pantaleoni ...	Pure Economics
Edgeworth ...	Mathematical Psychics
Wicksteed	Alphabet of Economic Science
*Ditto ..	Common Sense of Political Economy

Articles by Flux, Seager, Chapman, Pigou and Edgeworth in the "Economic Journal" (bearing on Mathematical Economics),

Pigou .	Wealth and Welfare

(v) *Elements of Statistics and the Mathematical treatment of Economic Theory*

Giffen	Statistics
Mayo Smith ..	Statistics and Economics
*Yule .	Introduction to Statistics
*Cunnynghame ...	Geometrical Political Economy

*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk.

*Cournot	...	Mathematical Principles of the Theory of Wealth (Economic Classics Series, Macmillan & Co.)
*Pantaleoni	.	Pure Econ
Wicksteed		Common Sense of Economics

Group B

Paper V—General History of Political Philosophy

Theories of the State contained in—

*Aristotle	Politics
*Hobbes	Leviathan
*Locke	Second Treatise on Government
*Rousseau	Social Contract
Kant	Principles of Politics (Hastie's translation of the four Essays on Political Theory)
*Bentham	Fragment on Government
*Dunning	History of Political Theories (*a*) Ancient and Mediæval (*b*) From Luther to Montesquieu
Burns	. Political Ideals

Papers VI and VII—Comparative Study of Political Institutions

*Kautilya	Arthasâstra (Translation by Shama Sastri)
Rangaswami Aiyangar	Ancient Indian Polity
Pramathanath Banerjea	Public Administration in Ancient India
*Aristotle	Constitution of Athens (Tr Poste)
*Woodrow Wilson	Constitutional Government
*Coulanges	. Ancient City (Tr Small)
*Warde Fowler	The City State of the Greeks and Romans
*Maine	Ancient Law
*Sidgwick	Growth of European Polity
*Freeman	.. Comparative Politics
*Lowell	Governments and Parties in Continental Europe
*Allen	Evolution of Governments and Laws.
Ogg	Governments of Europe
Sidney Law	Governance of England

Comparative Study of Social Institutions.

Lester Ward	Dynamic Sociology, Vol II
*Giddings	Principles of Sociology, Vol II
Mayo Smith	Sociology, Vol II
*Tylor	Primitive Culture
Trazer	.. Totemism and Exogamy, Vol II
*Mackenzie	Social Philosophy.
Fairchild	Applied Sociology.
Risley	Peoples of India

*Candidates are expected to possess a thorough acquaintance with the books marked with an asterisk

Gait	Census Report for India, 1911
Durell	Fundamental Sources of Efficiency

International Law with reference to existing Political and Economic Institutions

*Hall	International Law
*Westlake	International Law (Peace and War), 2 vols
*Higgins	Hague Peace Conferences
*Wheaton	International Law, edited by Philipson
*Pitt Cobbett	Cases on International Law, 2 vols
*Stowell and Monro	International Cases, 2 vols
Woolf	International Government

Paper VIII—Essay

GROUPS A AND B

Candidates will be required to write an essay on some topic connnected with one of the following subjects the essay must treat the topic chosen by the candidate with special reference to Indian conditions —

1	Famines	6	Land Systems
2	Co-operation	7	Forms of Government
3	Railways	8	Statistical Studies
4	Industrial Organisation	9	Village Communities
5	Currency Problems	10	Labour Problems

M A AND M Sc EXAMINATIONS, 1922

PURE MATHEMATICS

NOTE —It is to be understood that, in the following list of books, wherever a book is recommended for a subject, students are expected to read those parts of the book only which deal with that particular subject —

1 Higher Algebra—

Chrystal	Algebra, Part II, Chapters 23-28, 32-34
Wilczinski and Slaught	College Algebra with applications (Allyn & Bacon, New York)

2. Higher Plane Trigonometry—

Hobson	Plane Trigonometry

3. Spherical Trigonometry—

Casey	Spherical Trigonometry
Todhunter	Spherical Trigonometry (Ed Leathem)

4 Theory of Equations and Algebra of Quantics—

Burnside and Panton	Theory of Equations
Glenn	Theory of Invariants (Ginn & Co)
Elliot	Introduction to the Algebra of Quantics

* Candidates are expected to possess a thorough acquaintance with the book marked with an asterisk

5 Plane Analytical Geometry, including Higher Plane Curves—

Salmon	... Conic Sections
Do	. Higher Plane Curves
Basset	Treatise on Cubics and Quartics
S M Ganguly	Plane Curves

6 Geometry of Surfaces—

Salmon	Geometry of Three Dimensions, 5th Ed, Vol I, Chapters I-X
Bell	Analytical Geometry of Three Dimensions
Forsyth	. Differential Geometry, Chapters I-V

7 Differential Calculus—

Edwards	. Differential Calculus
Williamson	Ditto
Goursat	Mathematical Analysis, Vol I (Trans Hedricks) (Ginn & Co)

8 Integral Calculus—

Williamson	. Integral Calculus
Todhunter	Ditto
Goursat	Mathematical Analysis, Vol I (Trans Hedricks) (Ginn & Co)

9. Differential Equations—

Bateman	. Differential Equations
Forsyth	Differential Equations
Goursat	Mathematical Analysis, Vol II (Trans Hedricks) (Ginn & Co)

10 Calculus of Variations—

Byerly	Introduction to Calculus of Variations (Harvard University Press),
Bolza	Calculus of Variations, Chapters I-III

11 (a) Theory of Functions—

Either of the following alternative courses —

A

MacRobert	Functions of a Complex Variable (Macmillan & Co)
Townsend	Functions of a Complex Variable (Henry Holt & Co)
Goursat	Mathematical Analysis, Vol II, Part I (Trans Hedricks) (Ginn & Co).
Klein	. Lectures on Mathematics

B

Hobson	Theory of Functions of a Real Variable (omitting Chapter III)
Huntington	. Continuum (Harvard University Press)

(b) Theory of Groups—

Miller, Blichfeldt and Dickson	Finite Groups (John Wiley & Sons)
Burnside	. Theory of Groups
Klein	Lectures on Icosahedron (Tr, Morrice), Part I only

Hilton	Finite Groups (Oxford)
Blichfeldt	Finite Collineation Groups (Chicago University Press)
Dickson	Algebraic Equations.

(c) Finite Differences and Calculus of Functions—

Boole	Finite Differences.
Burn and Bron	Ditto
Carmichael	Calculus of Operations
Herschel	Examples of Calculus of Finite Differences
Babbage	Examples of Functional Equations
De Morgan	Calculus of Functions

(d) Vector Analysis and Quaternions—

Joly	Quaternions
Hamilton	Elements of Quaternions (Ed Joly), Vol I, Books I-II

(e) Projective Geometry —

Either of the following alternative courses —

A

Mathews	Projective Geometry
Durell	Plane Geometry for Advanced Students, Vol II
Cremona	Projective Geometry
Hilbert	Foundations of Geometry (Trans Townsend) (Open Court Publishing Co).
Silberstein	Projective Vector Algebra

B

Frankland	Theories of Parallelism (Cambridge University Press
Lobatcheoski	Theory of Parallels (Trans Halsted) (Open Court Publishing Co.)
Bolyai	Science Absolute of Space (Trans Halsted) (Open Court Publishing Co)
Bonola	Non-Euclidean Geometry (Trans Carslaw) (Open Court Publishing Co)
Carslaw	Non-Euclidean Geometry and Trigonometry
Sommerville	Non-Euclidean Geometry
Manning	Geometry of Four Dimensions

(f) Theory of Numbers—

Reid	Theory of Algebraic Numbers
Mathews	Theory of Numbers
Smith	Reports on the Theory of Numbers (Collected papers, Vol I, pages 38—364)
Dedekind	Essays on the Theory of Numbers (Trans. Beman) (Open Court Publishing Co)
Huntington	Continuum (Harvard University Press)
Cantor	Transfinite Numbers (Translated by P B Jourdain) (Open Court Publishing Co)

MIXED MATHEMATICS

Note.—It is to be understood that, in the following list of text-books, wherever a book is recommended for a subject, students are expected to read those parts of the book only which deal with that particular subject.

1. Advanced Statics, including Theory of Potential—

Minchin	..	Statics
Routh	..	Statics
Pierce	..	Newtonian Potential,

2. Dynamics of a Particle—

Besant	.	Dynamics
Routh	.	Dynamics of a Particle
Tait and Steele		Dynamics of a Particle

3. Rigid Dynamics—

Routh	Elementary Rigid Dynamics

4. Hydrostatics, including Capillarity—

Besant and Ramsey	.	Hydromechanics, Part I (Hydrostatics)

5. Hydrodynamics—

Houstoun	Mathematical Physics, Chapter II
Besant and Ramsey	Hydromechanics, Part II
Lamb	Hydrodynamics

6. Spherical Astronomy—

Ball	Spherical Astronomy

7. (*a*) Theory of Elasticity—

Love	Theory of Elasticity, 2nd edition.

Candidates are also recommended to refer to—

Todhunter and Pearson	...	History of Theory of Elasticity

(*b*) Advanced Dynamics—

Whittaker	...	Analytical Dynamics
Routh		Advanced Rigid Dynamics
Hertz		Principles of Mechanics.
Gray		Gyrostatics

(*c*) Higher Parts of Spherical Astronomy—

Chauvenet	.	Spherical Astronomy
Newcomb		Spherical Astronomy

(*d*) Lunar and Planetary Theories—

Adams		Lectures on Lunar Theory.
Darwin	..	Lectures on Lunar Theory (Scientific papers, Vol V)
Airy	..	Mathematical Tracts
Brown		Lunar Theory
Cheyne		Planetary Theory

Moulton	Celestial Mechanics.
Plummer	... Dynamical Astronomy

(*e*) Figure of the Planets—

Todhunter	... History of Attraction and Figure of the Earth
Clarke	. Geodesy
Jeans	. Problems of Cosmogony and Stellar Dynamics
Love	Figure and Shape of the Earth
Thomson and Tait	Natural Philosophy
Clarke and Helmert	. 'Geodesy' in the Encyclopædia Brittanica, 11th Edition
Airy	Figure of the Earth (Enc Metr)
Pratt	. Figure of the Earth
Airy	Mathematical Tracts
Indian Trigonometrical Survey	'Professional Papers'

(*f*) Theory of Tides—

Basset	Hydrodynamics
Love	Geodynamics
Airy	Tides and Waves (Enc Metr)
Darwin	Tides and kindred Phenomena (Murray)
Darwin	Tides (Enc Britt)
Darwin	. Scientific papers —

1 The Tides (Vol. IV, pp 185-263)

2 The Dynamical Theory of the Tides (Vol I, pp 347-365)

3 The Dynamical Theory of the Tides of Long Period (Vol I, pp 365-371)

4 On the Correction to the Equilibrium Theory of Tides for the Continents (Vol I pp 328-339)

5 The Harmonic Analysis of Tidal Observations (Vol I pp 1-69)

6 The Harmonic Analysis of Tidal Observations of High and Low Water (Vol I, pp. 157-181)

7 On Tidal Prediction (Vol I pp 258-291)

8 On the Disturbance of the Vertical near the Coasts of Continents due to the Rise and Fall of the Tide (Vol I, pp 450-458)

9 Evaluation of the Rigidity of the Earth from the Tides of Long Period (Vol I, pp 340-346)

10 On the Bodily Tides of Viscous and Semi-elastic Spheroids, and on the Ocean Tides upon a Yielding Nucleus (Vol III, pp 1-33)

11 Problems connected with the Tides of a Viscous Spheroid (Vol III, pp 140-194.)

PHYSICS.

No text-books are prescribed or recommended. The students are required to consult their Professors as to a suitable course of reading which should include the study of original papers

CHEMISTRY

To be notified hereafter

BOTANY

No text-books are prescribed The subject is to be read in accordance with the prescribed Syllabus

PHYSIOLOGY

No text-books are prescribed

In Section 7, Chapter XXXVII of the Regulations, in first paragraph of the Syllabus in Physiology for the M Sc Examination the expression "a particular branch" be interpreted owing branches —

I

3 [illegible] and [illegible]

[illegible] logy of the Nervous System and the Organs of Sense

[illegible] Physi

Histology [illegible] product

four [illegible] papers Physiology be distributed so as to co[illegible] owing subject -

Paper I Circulation, Respiration Alimentation, Metabolism, a Reproduction (compulsory to all candidates)

Paper II Nervous System and Muscular System (Candidates offering a piece of research work falling under the head of "Organs of Sense" will be exempted from this Paper)

Paper III Organs of Sense (Candidates offering a piece of research work falling under any of the following heads—Circulation Respiration, Alimentation, Metabolism, Reproduction, Nervous System Muscular System, and Histology will be exempted from this paper)

Paper IV The branch of Physiology professed by the candidate for special study

The Practical Examination will include—

Paper I Experimental Physiology (Candidates offering research work falling under the head of Histology or Chemical Physiology will be exempted from this paper)

Paper II Histology (Candidates offering research work falling under the head of Chemical Physiology will be exempted from this paper)

Paper III Chemical Physiology

Paper IV Candidates special subject

GEOLOGY

No text-books are prescribed or recommended The subject is to be studied in accordance with the Syllabus prescribed in the Regulations

EXPERIMENTAL PSYCHOLOGY

Paper I — Physiological Psychology

Lickly	The Nervous System
Greenwood	Physiology of the Special Senses (Selections),

Wundt	Physiological Psychology (Selections)
Ziehen	.. Physiological Psychology
Titchener	Text Book of Psychology
Myers	Text Book of Experimental Psychology
Kulpe	. Outlines of Psychology
Wundt	Outlines of Psychology
James	Principles (Selections)
Stout	Analytic Psychology (Selections).
Ladd and Woodworth	Elements of Physiological Psychology (Selections)
Rand	.. Classical Psychologists

Paper II—Abnormal Psychology

Mercier	Text Book of Insanity
Binet	Alternations of Personality
Sidis	.. Psychology of Suggestion
Sidis and Goodhart	Multiple Personality
Prince	. Dissociation of Personality
Do	. The Unconscious
Jung	Analytical Psychology
Freud	. Interpretations of Dreams
Do	Hysteria and other Psychoneurosis.
Hitschmann	Freud's Theory of Neurosis

Paper III —Animal Psychology

Holmes	Evolution of Animal Intelligence
Lloyd Morgan	Comparative Psychology
Washburn	Animal Mind
Thorndike	Animal Intelligence (Selections)
Lœb	Comparative Anatomy of the Brain and Comparative Psychology (Selections)
Romanes	Animal Intelligence
Hobhouse	Mind in Evolution

Paper IV—Child Psychology

Tredgold	Mental Deficiency
Preyer	Mind of the Child, 2 vols
Pyle	Educational Psychology.
Froebel	.. The Education of Man
Montessori	.. Handbook
Thorndike	Educational Psychology (Briefer course)
Tracy	Psychology of Childhood

Practical works—

Myers	... Text Book of Experimental Psychology Vol II
Titchener	.. Student's Manual—Qualitative and Quantitative
Sanford	Experimental Psychology
Whipples	. Physical and Mental tests

DIPLOMA IN SPOKEN ENGLISH, 1920, 1921, 1922

Written Examination

Simple questions will be set on —

(*a*) The organs of speech
(*b*) The use of the voice (articulation, phrasing, pitch)
(*c*) The classification and production of sounds

Students are recommended to consult the following books —

*D. Macintyre	...	Sources and sounds of the English Language
*H H Hulbert		Voice Training Speech and Song
*W Rippman	..	Elements of Phonetics
*W Rippman		Sounds of English
W Victor	.	The Teachers' Manual
H Sweet	...	Sounds of English
H Sweet	..	Primer of Spoken English
Jesperson	.	History of English Language, Part I
*G Noel Armfield		General Phonetics
*Daniel Jones		Pronunciation of English
*Robert Bridges		On the present state of English Pronunciation (Essays and Studies of Members of the English Association Series)

The more important books in the above list are marked with asterisks

LICENTIATE IN TEACHING EXAMINATION, 1920

(1) The Theory and Practice of Teaching in relation to Mental and Moral Science and (2) Methods of teaching Specific Subjects and School Management—

Books recommended

Thorndyke	Elements of Psychology
G D Banerjee	A Few Thoughts on Education (S K Lahiri & Co, Calcutta)
Barnett	Teaching and Organization
James	Talks to Teacher on Psychology and to students on some of Life's Ideals
Sully	The Teacher's Hand-book of Psychology, new edition, 1909 (Longmans Green & Co)
Michael West	Education and Psychology
Welton	Principles of Teaching (University Tutorial Press)
Findlay	The School (Home University Library)

The suggestions for the consideration of teachers and others concerned in work of the Public Elementary Schools. (Board of Education London)

(3) Selected Educational Classics—

Spencer	Education
Stanley	Life of Arnold, Chapter III

(4) English—

Frederic Harrison	Choice of Books
Goldsmith	. Traveller and Deserted Village

LICENTIATE IN TEACHING EXAMINATION, 1921

(1) The Theory and Practice of Teaching in relation to Mental and Moral Science, and (2) Methods of Teaching Specific Subjects and School Management—

Books recommended

Margerison	Psychology and Education
Ditto	Ethics and Education
G D Banerjee	A Few Thoughts on Education (S K Lahiri & Co, Calcutta)
Barnett	Teaching and Organization
James	Talks to Teachers on Psychology and to Students on some of Life's Ideals
Sully	The Teacher's Hand-Book of Psychology new edition, 1909 (Longmans, Green, & Co),
Michael West	Education and Psychology
Welton	Principles of Teaching (University Tutorial Press)
Findlay	The School (Home University Library)

The suggestions for the consideration of teachers and others concerned in work of Public Elementary Schools (Board of Education, London)

(3) Selected Educational Classics—

Spencer	Education
Stanley	Life of Arnold, Chapter III

(4) English

Dickens	Pickwick Papers
Goldsmith	Traveller and Deserted Village
Gray	Elegy and Progress of Poesy

LICENTIATE IN TEACHING EXAMINATION, 1922

(1) The Theory and Practice of Teaching in relation to Mental and Moral Science, and (2) Methods of Teaching Specific Subjects and School Management—

Books recommended

Thorndyke	.. Elements of Psychology
G D Banerjee	A Few Thoughts on Education (S K Lahiri & Co Calcutta)
Barnett	Teaching and Organisation
James	Talks to Teachers on Psychology and to students on some of Life's Ideals
Sully	The Teachers' Hand-Book of Psychology, new edition, 1909 (Longmans, Green & Co)
Michael West	Education and Psychology
Mackenzie	Instruction in Indian Secondary Schools
Findlay	The School (Home University Library)
Raymont	Principles of Education

The suggestions for the consideration of teachers and others concerned in work of Public Elementary Schools (Board of Education, London).

(3) Selected Educational Classics—

Locke	Thoughts on Education
Stanley	Life of Arnold, Chapter III

(4) English—

R L Stevenson	Treasure Island
Webb	Selections from Tennyson.
Alexander Smith	Dreamthorp
	[The following pieces are selected to be read —
	1 Dreamthorp
	2 A Lark's Flight
	3 Christmas
	4 On the Importance of a man to Himself
	5 Books and Gardens
	6 On Vagabonds]

B T EXAMINATION, 1920

(1) The Theory and Practice of Teaching in relation to Mental and Moral Science, and (2) Methods of Teaching Specific Subjects and School Management—

Books recommended

James	Talks to Teachers on Psychology and to Students on some of Life's Ideals
McDougall	Physiological Psychology (J M Den & Co, London)
Sully	The Teacher's Hand-book of Psychology, new edition, 1909 (Longmans, Green & Co,)
Michael West	Education and Psychology
Warner	The Study of Children and their School Training.
Thorndyke	Elements of psychology
J Adams	Exposition and Illustration in Teaching (Macmillan & Co)
Adamson	The Practice of Instruction (National Society's Depository)
G D Banerjee	A Few Thoughts on Education (S K Lahiri & Co, Calcutta)
Russell	An Introduction to Logic from the standpoint of education (Macmillan)
Welton	Principles of Teaching (University Tutorial Press)
Barnett	Common Sense in Education
Findlay	The School (Home University Library).

The suggestions for the consideration of teachers and others concerned in work of Public Elementary Schools (Board of Education, London)

(3) History of Educational Ideas and Methods—

Institutes of Manu, Chapter II

Lalita-Vistara, Chapter X (Rajendralala Mitra's translation and notes)

Saratchadra Das	Paper on Universities in Ancient India (*Hindustan Review*, March, 1906)
Ameer Ali	Spirit of Islam, Chapter XVIII
Macdonald	Moral Training of the Young Muslims, (*International Journal of Ethics* April, 1905)
Munro	Outlines of the History of Education (Macmillan & Co.)
Quick	Educational Reformers
James (H R)	Education and Statesmanship in India.
Sadler	Special Reports on Educational Subjects Vol IX—Education in Germany—
	(*i*) The Unrest in Secondary Education in Germany and elsewhere,
	(*ii*) Note on the Revised Curricula and Programmes of Work for Higher Schools for boys in Prussia 1901
	(*iii*) The smaller Public Elementary Schools of Prussia and Saxony, with Notes on the Training and Position of Teachers
	(*iv*) On the Measurement of Mental Fatigue in Germany
Sadler	Special Reports on Educational Subjects, Vol XI—Education in the United States of America
	(*i*) The Curricula of the American Secondary Schools
	(*ii*) Secondary Education in a Democratic Community
	(*iii*) A comparison between English and American High Schools
	(*iv*) Some notes on American Universities
	(*v*) A Contrast between German and American Ideals in Education
Sharp	The Educational System of Japan (Government Central Press, Bombay).

(4) Selected Educational Classics—

Spencer	... Education
Rousseau	Emile (International Education Series, if avilable, or any School edition)
Stanley	Life of Arnold (Chapter III).

B.T. EXAMINATION, 1921

(1) The Theory and Practice of Teaching in relation to Mental and Moral Science, and (2) Methods of Teaching Specific Subjects and School Management—

Books recommended

James	Talks to Teachers on Psychology and to Students on some of Life's Ideals
McDougall	Physiological Psychology, (J M Dent & Co, London).
Sully	Teacher's Hand-book of Psychology, new edition, 1909 (Longmans, Green & Co)
Michael West	Education and Psychology
Warner	The Study of Children and the School Training
Thorndyke	Elements of Psychology
J Adamson	Exposition and Illustration in Teaching (Macmillan and Co)
Adamson	The Practice of Instruction (National Society's Depository)
G D Banerjee	A New Thought on Education (S. K. Lahiri and Co, Calcutta)
Russell	An Introduction to Logic from the standpoint of Education (Macmillan).
Welton	Principles of Teaching (University Tutorial Press)
Barnett	Common Sense in Education
Findlay	The School (Home University Library)

The suggestion for the consideration of teachers and other concerned in work of Public Elementary Schools (Board of Education, London)

(3) History of Educational Ideas and methods—

Institutes of Manu	Chapter II
Lalita-Vistara	Chapter X (Rajendralala Mitra's translation and notes)
Saratchandra Das	Paper on Universities in Ancient India (*Hindustan Review*, 1906)
Ameer Ali	Spirit of Islam, Chapter XVIII.
Macdonald	Moral Training of the Young Muslims (*International Journal of Ethics*, April, 1905)
Munro	Outlines of the History of Education (Macmillan & Co)
Quick	Educational Reformers.
James (H R)	Education and Statesmanship in India.

Sadler	Special Reports on Educational Subjects, Vol IX—Education in Germany—
	(*i*) The Unrest in Secondary Education in Germany and elsewhere
	(*ii*) Note on the Revised Curricula and Programmes of work for Higher Schools for boys in Prussia, 1901
	(*iii*) The smaller Public Elementary Schools of Prussia and Saxony, with Notes on the Training and Position of Teachers
	(*iv*) On the Measurement of Mental Fatigue in Germany
Sadler	Special Reports on Educational Subjects, Vol XI—Education in the United States of America—
	(*i*) The Curricula of the American Secondary Schools
	(*ii*) Secondary Education in a Democratic Community
	(*iii*) A Comparison between English and American High Schools
	(*iv*) Some Notes on American Universities
	(*v*) A Contrast between German and American Ideals in Education
Sharp	The Educational System of Japan (Government Central Press, Bombay)
(4) Selected Educational Classics—	
Spencer	Education
Rousseau	Emile (International Education Series, if available, or any School edition)
Stanley	Life of Arnold (Chapter III)

B 1 EXAMINATION, 1922

(1) The Theory and Practice of Teaching in relation to Mental and Moral Science, and (2) Methods of Teaching Specific Subjects and School Management—

Books recommended

James	Talks to Teachers on Psychology and to students on some of Life's Ideals
McDougall	Physiological Psychology (J. M. Dent & Co., London)
Sully	The Teachers' Hand-Book of Psychology, new edition, 1909. (Longmans, Green & Co.)
Michael West	Education and Psychology
Kirkpatrick	Fundamentals of Child Study

Thorndyke	Elements of Psychology.
J Adams	Exposition and Illustration in Teaching (Macmillan & Co)
Adamson	The Practice of Instruction (National Society's Dispository)
G D Banerjee	A few Thoughts on Education (S. K Lahiri & Co , Calcutta)
Mackenzie	Instruction in Indian Secondary Schools
Raymont	Principles of Education
Russell	An Introduction to Logic from the standpoint of Education (Macmillan)
Findlay	The School (Home University Library)

The suggestions for the consideration of teachers and others concerned in work of Public Elementar Schools (Board of Education, London)

(3) History of Educational Ideas and Methods—

Institutes of Manu, Chapter II

Lalita-Vistara, Chapter X (Rajendralal Mitra's translation and notes)

Sarat Chandra Das	Papar on Universities in ancient India (Hindusthan Review, March, 1906)
Keay	Ancient Indian Education
Amir Ali	Spirit of Islam, Chapter XVIII
Macdonald	Moral Training of the Young Muslims (International Journal of Ethics, April, 1905).
Monroe	A brief Course of the History of Education (Macmillan & Co)
Quick	Educational Reformers
James (H R)	Education and Statesmanship in India
Sadlar	Special Reports on Educational subjects, Vol IX—Education in Germany—
	(i) The Unrest in Secondary Education in Germany and elsewhere.
	(ii) Note on the Revised Curricula and Programmes of Work for Higher Schools for boys in Prussia, 1901
	(iii) The Smaller Public Elementary Schools of Prussia and Saxony, with Notes on the Training and Position of Teachers
	Special Reports on Educational Subjects, Vol XI—Education in the United State of America—
	(i) The Curricula of the American Secondary Schools
	(ii) Secondary Education in a Democratic Community

	(iii) A Comparison between English and American High Schools
	(iv) Some Notes on American Universities
	(v) Contrast between German and American Ideals in Education
Sharp	.. The Educational System of Japan (Government Central Press, Bombay)
(4) Selected Educational Classics—	
Locke	Thoughts on Education
Rousseau	Emile (International Education Series if available, or any School edition)
Stanley	.. Life of Arnold, Chapter III

PRELIMINARY EXAMINATIONS IN LAW, JULY, 1920, AND JANUARY, 1921

(i) Jurisprudence	Maine's Law (edited by Sir F. Pollock), Holland's Jurisprudence (12th edition)
(ii) Elements of Roman Law and the Principles of Legislation	Baghu's Roman Private Law, Jethro Brown's Underlying Principles of Modern Legislation
(iii) Hindu Law	.. Mitakshara, Chapter I Sections 1—5, Chapter II, sections 1—10, Dayabhaga Chapters 1, 2, 5 and 11, Jogendranath Bhattacharyya's Hindu Law, 3rd edition Vol. I Part II Mayne's Hindu Law and Usage, Golapchandra Sarkar's Hindu Law, *or* Jogendrachandra Ghosh's Principles of Hindu Law, Vol. I, University Selection of Leading Cases

The following Leading cases to be studied in the original judgments as expositions of important legal principles —

HINDU LAW

1. Hunooman Pershad Panday *v.* Babooi Munraj Kunwar, 6 M. I. A., 393, 18 W. R., 81

2. Bhagwandeen Dobey *v.* Myna Bai, 11 M. I. A., 487, 9 W. R., P. C., 23.

3. Gurugovind *v.* Anand Lal, 13 W. R., F. B., 49

4. Tagore *v.* Tagore, 9 B. L. R., 377, 18 W. R., 359

5. Moniram Kalita *v.* Kerry Kalitani, 7 I. A., 115, I. L. R., 5 Cal. 776.

6. Sree Balusu Gurulingaswami *v.* Balusu Ramalakshana, I. L. R., 21 All., 460

7 Harilal *v* Tripura, I I R, 40 Cal, 650
8 Debiprasad *v* Golap Bhagat, I L R, 40 Cal, 721
9 Ramchandra *v* Vinayak, L R, 41 I A, 290
10 Bhupatinath *v* Ramlal, I L R, 37 Cal, 128

PRELIMINARY EXAMINATIONS IN LAW, JULY 1921, and JANUARY, 1922

(i) Jurisprudence	Maine's Ancient Law (edited by Sir F Pollock), Holland's Jurisprudence (12th edition)
(ii) Elements of Roman Law and the Principles of Legislation	Bagchi's Roman Private Law, Jethro Brown's Underlying Principles of Modern Legislatien
(iii) Hindu Law	Mitakshara Chapter I sections 1-5, Chapter II, sections 1—10, Dayabhaga Chapters 1, 2, 5, and 11, Jogendra Nath Bhattacharyya's Hindu Law 3rd edition, Vol I Part II, Mayne's Hindu Law and Usage, Golapchandra Sarkar's Hindu Law, *or* Jogenchandra Ghosh's Principles of Hindu Law Vol I, University Selection of Leading Cases

Leading Cases to be studied in the original judgments as expositions of important legal principles will be notified later on

PRELIMINARY EXAMINATIONS IN LAW, JULY 1922 AND JANUARY, 1923

To be notified later on

INTERMEDIATE EXAMINATIONS IN LAW, JULY, 1920 AND JANUARY, 1921

(i) Muhammadan Law	Sirajiya (except the details as to succession of distant kindred) Amir Ali's Students Manual of Muhammadan Law, *or* Mulla's Principles of Muhammadan Law (omitting the details as to the succession of distant kindred), University Selection of leading cases
(ii) The law relating to persons	Act IX of 1875 (Majority), Campbell's Principles of English Law-Chapters IV, V, VIII, XII—XV University selection of Leading Cases
(iii) The Law relating to Property—	
(a) The Law of Transfer *inter vivos*	Act IV of 1882 (Transfer of Property Act), act III of 1877 (Registration) sections 17, 18, 48, 49, 50, University Selection of Leading Cases

(*b*) Principles of the English Law of Real Property and the Law of Intestate and Testamentary Succession (exclusive of the Hindu and the Muhammadan Law of Intestate Succession)	Williams, Principles of the Law of Real Property (22nd edition), Introduction, Part I (omitting Chapters IX and XIII), Part II, Part IV (omitting Chapter I) and Part V, Act X of 1865 (Succession) omitting Parts III—V, XXX—XXXI and XXXV—XL, Act XXI of 1870 (Hindu Wills) except the provisions of the Indian Succession Act omitted from the study of that Act, Act V of 1881 (Probate and Administration Act). University Selection of Leading Cases
(*c*) The Law of Contracts and Torts	Anson's Law of Contract (14th edition), Salmond's Summary of the Law of Torts, omitting Chapters V, VI, X and XVI, Act IX of 1872 (Contract Act) University Selection of Leading Cases

The following Leading Cases to be studied in the original judgments as expositions of important legal principles —

(*i*) MUHAMMADAN LAW

1 Ashrufuddowla *v* Hyder Hossain, 11 M I A, 98
2 Abul Fata *v* Russomoy Dhurchowdhury, I R, 22 I A, 76
3 Baker Ali *v* Anjuman Ara Begum, I R, 30 I A, 94
4 Nimachand *v* Golam Hossain I L R, 37 Cal, 179

(*ii*) LAW RELATING TO PERSONS

1 Udny *v* Udny, L R, H L, Sc, 441
2 Skinner *v* Orde, L P, 4 P C, 60
3 Abraham *v* Abraham, 9 M I A, 195
4 Khunnilal *v* Koer Gobind, I R 38 I A, 87

(*iii*) THE LAW RELATING TO PROPERTY

(*a*) *Law of Transfer*—inter vivos

1 Bellamy *v* Sabine 1 De G, and J, 566
2 Gokuldas *v* Puran Mal, I L R, 10 Cal, 1035
3 Noakes & Co *v* Rice (1902), A C, 24
4 Beni Ram *v* Kundan Lall, I L R, 21 All, 496
5 Tailby *v* Official Receiver, 13 App, Cas, 523
6 Hakimlal *v* Mushahar Sahu, I L R, 34 Cal, 999
7 Gurdeo Sing *v* Chandrika Singh, I L R 36 Cal, 193.
8 Jadunath *v* Ruplal, I L R, 33 Cal, 967

(*b*) *English Law of Real Property and the Law of Intestate and Testamentary Succession*

1 London & S W Railway Co *v* Gomm, 20 Ch. D, 562
2 Walsh *v* Lonsdale, 21 Ch D, 9
3 Bhagabati Barmania *v* Kalicharan Singh, L R, 38 I A, 54
4 Narendranath Sircar *v* Kamalbasini, I L R, 32 Cal, 563

5 Bai Mativahoo *v* Mamoobai, I L R, 21 Bom, 709
6 Mirza Kurratulain *v* Nawab Nuzhar-ud-Dowla, L R, 32 I A., 244

(*iv*) CONTRACTS AND TORTS

1 Mohori Bibi *v* Dhurmodas, L R, 30 I A, 114
2 Cundy *v* Lindsay, 3 App, Cas, 459
3 Ashby *v* White (Judgment of Holt, C J), I Sm, L C, 231
4 Mogul Steamship Co *v* MacGregor, (1891), A C, 25
5. Quinn *v* Leathem (1901), A. C., 405
6, Derry v Peek (Judgment of Lord Herschell), 14 App., Cas 337,
7 Armory *v* Delamire, 1 Smith, L C
8 Shaikh Kalu *v* Ramsaran, 13 C W N., 388.

INTERMEDIATE EXAMINATIONS IN LAW, JULY 1921 AND JANUARY, 1922

(*i*) Muhammadan Law	Sirajiya (except the details as to succession of distant kindred) Amir Ali's Students' Manual of Muhammadan Law (*or*), Mulla's Principles of Muhammadan Law (omitting the details as to the succession of distant kindred), University Selection of Leading Cases
(*ii*) The Law relating to persons	Act IX of 1875 (Majority), Campbell' Principles of English Law, Chapters IV, V, VIII, XII—XV University Selection of Leading Cases
(*iii*) The Law relating to Property—	
(*a*) The Law of Transfer *inter vivos*	Act IV of 1882 (Transfer of Property Act), Act III of 1877 (Registration), sections 17, 18 48, 49, 50, University Selection of Leading Cases
(*b*) Principle of the English Law of Real Property and the Law of Intestate and Testamentary Succession (exclusive of the Hindu and the Muhammadan Law of Intestate Succession)	Williams's Principles of the Law of Real Property (22nd edition, Introduction Part I (omitting Chapters IX and XIII) Part II, Part IV (omitting Chapter I) and Part V Act X of 1865 (Succession) (omitting Parts III—V, XXX, XXXI and XXXV—XL, Act XXI of 1870 (Hindu Wills) (except the provisions of the Indian Succession Act omitted from the study of that Act, Act V of 1881 (Probate and Administration Act), University Selection of Leading Cases
(*iv*) The Law of contracts and Torts	Anson's Law of Contract (14th edition), Salmond's Summary of the Law of Torts omitting Chapters V, VI, X and XVI, Act IX of 1872 (Contract Act), University Selection of Leading Cases.

Leading Cases to be studied in the original judgments as expositions of important legal principles will be notified later on

INTERMEDIATE EXAMINATIONS IN LAW, JULY, 1922 AND JANUARY, 1923

* To be notified later on

FINAL EXAMINATIONS IN LAW, JULY 1920, AND JANUARY, 1921

THE LAW RELATING TO PROPERTY

(i) The Law of Land Tenures, Land Revenue and Prescription	Regulation I of 1793, Preamble to Regulation II of 1793, Regulations VIII, XIX sections 1—7, XXXVII, sections 1—3 of 1793 VIII of 1819 XI of 1825, Act VIII of 1885 (Bengal Tenancy Act), Chapters I—VIII, XI, XIV, XV Act XI of 1859, XV of 1877, sections 26—28, Upendranath Mittar's Indian Law of Prescription and Easement, Field's Introduction to the Bengal Regulations (portions relating to Land Tenures), or Atulchandra Guha's Land Systems of Bengal and Behar, omitting appendices University Selection of Leading Cases
(ii) The Principles of Equity, including the Law of Trusts	Maitland's Lectures on Equity, Chapters I—XXI, Brett's Leading Cases on Equity, University selection of Leading Cases

[N B—Students are recommended to consult Petride's Students' Cases with view to elucidate the Cases mentioned in the text-books]

(iii) The Law of Evidence and the General Principles of Civil Procedure, and Limitation	Act I of 1872 (Evidence Act), Act V of 1908 (Civil Procedure), sections 1—158 Schedule I, Orders I—X, XIV XV, XVIII, XX, XXI—XXIII, XXXI—XXXII, XXXIV—XXXV, XXXIX XLI, XLII, XLIII, XLV, XLVI, XLVII, Schedule II Act XV of 1877, sections 1—25, Best on Evidence, Introduction Books I and II and Book III Part I University Selection of Leading Cases
(iv) The Law of Crimes and the General Principles of Criminal Procedure	Act XLV of 1860 (Penal Code) Chap I—V, and such portions of Chapter VI—XXIII as do not relate exclusively to the amount of punishment to be inflicted for an offence Act V of 1898, (Criminal Procedure), omitting Chapters I, IX XIV XXXIII—XL, XLII, XLIII, XLVI (except section 562), Sir James Fitz James Stephen's General View of the Criminal Law of England, University Selection of Leading Cases

The following Leading Cases to be studied in the original judgments as expositions of important legal principles —

(i) LAW RELATING TO PROPERTY

(a) *Land Tenures, Land Revenue and Prescription*

1 Raja Lilanand Singh v Government of Bengal, 6 M I A., 101—4 W R 77—I P C J, 505
2 Lopez v Muddnmohan Thakur, 13 M I A, 467, 14 W R, P C 11—2 P C J, 594
3 Mahesh Narain v Nawbut Pathak, I Cal, L J, 437 - I L R, 32 Cal 837.
4 Forbes v Bahadur Singh L R, 41, I A, 97
5 Srinath Ray v Dinobandhu Sen, L R, 41, I A, 221
6 Paul v Robson, L R, 41, I A, 180
7 Midnapore Zamindary v Hrishikes, I L R, 41 Cal., 1108
8 Amulyaratan v Tarninath, I L R, 42 Cal, 254,

(ii) EQUITY AND TRUST

1 Gopee Kristo v Gunga Pershed, 6 M I A 53
2 Fox v Mackreth, 2 Wh, and T L C., 709
3 Ramkoomar Koondoo v McQueen, I R I A, Sup 40
4 In or Hallet's Trust, 12 Ch D, 696
5 Le Neve v Le Neve, 2 Wh, and I L C, 175
6 Stapilton v Satapilton, I Wh, and T L C, 223
7 Cooper v Phibbs 2 I R, H L, 150
8 Penn v Baltimore, I White and Tudor L C

(iii) THE LAW OF EVIDENCE AND THE GENERAL PRINCIPLES OF CIVIL PROCEDURE AND LIMITATION

(a) *Evidence.*

1 Gujju Lal v Futteh Lal I L R, 6 Cal, 171 (Judgment of Mitter, J)
2 Saratchandra Dey v Gopalchundra Laha, I L R, 20 Cal, 296
3 Balkishen v Legge, I L R, 22 All, 149

(b) *Procedure*

1 Zainulabdin v Asghar Ali, I L R, 10 All., 160
2 Chhayenmunnessa v Basirar, I L R, 37 Cal, 399
3 Hukumchand v Kamalanand I L R, 33 Cal, 927
4 Khirajmal v Dam L R, 32 I A, 23

(c) *Limitation*

1. Secretary of State v. Krishnamani, L R, 29 I A, 104

(iv) LAW OF CRIMES AND THE GENERAL PRINCIPLES OF CRIMINAL PROCEDURE

1 Reg v Gangadhar Tilak, I L R 22 Bom, pp 112—152
2 Ganourilal Das v Reg I L R 16 Cal, pp 206—222
3 Reg v Sricharan Chungo, I L R 22 Cal, pp 1017—1026
4 Reg v Haradhan I L R 19 Cal, pp 380—392

5 Khosh Mahomed *v* Nazir Mahomed I L R 32 Cal, 352
6 Amritalal Hazra *v* King Emperor, 21 C L J, 344.
7. Pulinbehary Das *v* King Emperor, 15 C L J, pp 570—582
8 Barindrakumar *v* Emperor, I L R, 37 Cal, pp 484-499

FINAL EXAMINATION IN LAW

JULY, 1921 AND JANUARY, 1922

The Law Relating to Property

(*i*) The Law of Land Tenures, Land Revenue and Prescription	Regulation I of 1793 Preamble to Regulation II of 1793, Regulations VIII, XIX, sections 1—7, XXXVII, sections 1 - 3 of 1793; VIII of 1819, XI of 1825, Act VIII of 1885 (Bengal Tenancy Act,) Chapters I—VIII, XI, XIV, XV, Act XI of 1859, Act XV of 1877, sections 26—28, Upendra nath Mitra's Indian Law of Prescription and Easements, Field's Introduction to the Bengal Regulations (portions relating to Land Tenures), *or*, Atulchandra Guha's Land Systems of Bengal and Behar, omitting appendices University Selection of Leading Cases.
(*ii*) The Principles of Equity, including the Law of Trusts	Maitland's Lectures on Equity Chapters I—XXI, Brett's Leading Cases on Equity, University Selection of Leading Cases

[N B —Students are recommended to consult Petridi's Students' Cases with a view to elucidate the Cases mentioned in the text-books,

(*iii*) The Law of Evidence and the General Principles of Civil Procedure and Limitation	Act I of 1872 (Evidence Act), Act V of 1908 (Civil Procedure,) sections 1—158, Schedule I, Orders I—X, XIV, XV, XVIII, XX, XXI—XXIII, XXXI—XXXII, XXXIV—XXXV, XXXIX—XLI XLII, XLIII, XLV, XLVI, XLVII, Schedule II Act XV of 1877, sections 1—25 Best on Evidence, Introduction, Books I and II and Book III, Part I, University Selection of Leading Cases
(*iv*) The Law of Crimes and the General Principles of Criminal Procedure.	Act XLV of 1860 (Penal Code), Chapters I—V, and such portions of Chapters VI—XXIII as do not relate exclusively to the amount of punishment to be inflicted for an offence, Act V of 1898 (Criminal Procedure), omitting Chapters I, IX, XIV, XXXIII—XL, XLII, XLIII, XLVI (except section 562), Sir James Fitz James Stephen's General View of the Criminal Law of England, University Selection of Leading Cases.

Leading Cases to be studied in the original judgements as expositions of important legal principles will be notified later on

FINAL EXAMINATIONS IN LAW, JULY, 1922 AND JANUARY, 1923

To be notified later on

M L. EXAMINATION, 1920

(1) HINDU LAW OR MUHAMMADAN LAW

Hindu Law

Manu	Institutes, Chapters I, III, VII, VIII and IX
Yajnavalkya	Institutes, Book II on Vyavahara or Positive Law
Vijnanesvara	Mitakshara
Devananda Bhatta	Smriti-Chandrika
Vachaspati Misra	Vivada Chintamani
Nilakantha	Vyavahara Mayukha
Mitra Misra	Viramitrodaya
Jimutavahana	Dayabhaga
Raghunandan	Dayatatwa
Nanda Pandita	Dattaka-Mimansa
Kuvera	Dattaka-Chandrika
Gooroo Das Banerjee	Marriage and Stridhana (Tagore Lectures, 1878)
Golap Chandra Sarkar	Adoption (Tagore Lectures, 1888)
Mayne	Hindu Law and Usage
Jogendra Chandra Ghose	Hindu Law

Muhammadan Law

Serajuddin	Al Sirajiya
Baillie	Digest of Muhammadan Law-Shunni and Shia
Ameer Ali	Muhammadan Law, Vols. I and II
Wilson	Digest of Anglo-Muhammadan Law
Abdur Rahman	Institutes of Musalman Law
Abdur Rahim	Principles of Muhammadan Jurisprudence (Tagore Lectures, 1907)
Tyabji	Muhammadan Law

(2) JURISPRUDENCE AND PRINCIPLES OF LEGISLATION

Salmod	Jurisprudence
Science of Legal Method (Modern Legal Phil Series, Vol IX)	
Miraglia	Comparative Legal Philosophy (Modern Legal Phil Series Vol III)
Berolzheimer	World's Legal Philosophies (Modern Legal Phil Series, Vol, II)
Lee	Historical Jurisprudence
Maine	Village Communities
Holmes	Common Law

Evolution of Law Series, Vols I—III (edited by Koconrek and Wigmore)
Continental Legal History Series, Vol I (General Survey)
Continental Legal History Series, Vol II (Great Jurists of the World)

Bentham	Theory of Legislation (edited by Dumont and translated by Atkinson, Oxford Press Series)

(3) PRINCIPLES AND HISTORY OF ROMAN LAW

Gaius	. Institutes (translated by Poste)
Justinian	Institutes (translated by Moyle)
Sohm	. Institutes (translated by Ledlie)
Muirhead	Roman Law
Sherman	... Roman Law in the Modern World

(4) PRIVATE INTERNATIONAL LAW

Foote	Private International Jurisprudence
Nelson	Private International Jurisprudence

(5) & (6) ANY TWO OF THE FOLLOWING —

(i) *Principles of Equity*

Langdell	Brief Survey of Equity Jurisdiction
Story	Equity Jurisprudence
Underhill	Law of Trusts
Agnew	Law of Trusts (Tagore Lectures, 1881)
White and Tudor	Leading Cases in Equity (8th edition)

(ii) *Law relating to Transfer of Immovable Property and Law of Prescription*

Dart	Vendors and Purchasers
Williams	Vendors and Purchasers
Rashbehari Ghose	Law of Mortgages (Tagore Lectures, 1876)
Goddard	Law of Easements
	The Transfer of Property Act
	The Indian Easements Act

(iii) *Law relating to Wills*

Underhill and Strahan	On the Interpretation of Will and Settlements
Theobald	Law of Wills
Ingpen	Law of Executors
Henderson	.. Law of Wills (Tagore Lectures, 1887)
Trevelyan	Hindu Wills (second edition)
Asutosh Mukhopadhyay	. The Law of Perpetuities in British India (Tagore Lectures 1898)
	The Indian Succession Act
	The Hindu Wills Act
	The Probate and Administration Act

(iv) *Law of Contracts and Torts*

Pollock	Principles of Contract, Law of Torts
Street	Foundations of Legal Liabilities
Fry	Specific Performance
Finch	Cases on Contracts
Kenny	Cases on Torts
Salmond	. On Torts
Satischandra Banerjee	. The Law of Specific Relief in British India (Tagore Lectures, 1906)
	The Indian Contract Act
	The Specific Relief Act

(v) *Principles and History of Law of Real and Personal Property*

Williams		Real Property.
Williams		Personal Property
Goodeve		Real Property
Goodeve	.	Personal Property
Challis	...	Real Property
Digby		History of Real Property.
Leake	.	Law of Property in Land.
Finch	...	Cases on the Law of Property

(vi) *Principles and History of the Law of Evidence.*

Best		Evidence
Thayer		Preliminary Treatise on Evidence
Phillimore		History of Evidence
Wigmore		Cases on Evidence
Wigmore		Principles of Judicial Proof

Indian Evidence Act

(vii) *History of English Law*

Pollock and Maitland		History of English Law
Reeves		History of English Law (edited by Finlason)
Holdsworth		History of English Law
Jenks	..	History of English Law
Kerley		History of Equity
Maitland		Collected Papers
Ames		Lecture on Legal History

Selected Essays on Anglo-American Legal History (Cambridge University Press)

M L EXAMINATION, 1921

(1) HINDU LAW OR MUHAMMADAN LAW

Hindu Law

Manu	Institutes, Chapters I, III, VII VIII and IX
Yajnavalkya	Institutes, Book II, on Vyavahara or Positive Law
Vijnaneswara	Mitakshara
Devananda Bhatta	Smriti-Chandrika
Vachaspati Misra	Vivada Chintamani
Nilakanta	Vyavahara Mayukha
Mitra Misra	Viramitrodaya
Jimutavahana	Dayabhaga
Raghunandan	Dayatatwa
Nanda Pandita	Dattaka-mimansa
Kuvera	Dattaka-Chandrika
Gooroo Das Banerjee	Marriage and Stridhana (Tagore Lectures, 1878)
Golap Chandra Sarkar	Adoption (Tagore Lectures, 1888)
Mayne	Hindu Law and Usage
Jogendrachandra Ghose	Hindu Law
Priyanath Sen	Hindu Jurisprudence

Muhammadan Law

Serajuddin	...	Al Sirajiya
Baillie		Digest of Muhammadan Law—Shunni and Shia
Ameer Ali		Muhammadan Law, Vols I and II
Wilson		Digest of Anglo-Muhammadan Law
Abdur Rahman		Institutes of Musalman Law
Abdur Rahim		Principles of Muhammadan Jurisprudence (Tagore Lectures, 1907)
Tyabji		Muhammadan Law

(2) JURISPRUDENCE AND PRINCIPLES OF LEGISLATION

Salmond	Jurisprudence
Frederic Harrison	Jurisprudence
Science of Legal Method (Modern Legal Phil Series Vol IX)	
Miaglia	Comparative Legal Philosophy (Modern Legal Phil Series, Vol III)
Berolzheimer	World's Legal Philosophies (Modern Legal Phil Series, Vol II).
Lee	Historical Jurisprudence
Maine	Village Communities
Holmes	Common Law
Evolution of Law Series, Vols I—III (edited by Kocourek and Wigmore)	
Continental Legal History Series, Vol I (General Survey)	
Continental Legal History Series, Vol II (Great Jurists of the World)	
Bentham	Theory of Legislation (edited by Dumont and translated by Atkinson, Oxford-Press Series

(3) PRINCIPLES AND HISTORY OF ROMAN LAW

Gaius	..	Institutes (translated by Poste)
Justinian		Institutes (translated by Moyle)
Sohm		Institutes (translated by Ledlie)
Muirhead		Roman Law
Sherman		Roman Law in the Modern World

(4) PRIVATE INTERNATIONAL LAW

Foote	Private International Jurisprudence
Nelson	Private International Jurisprudence

(5) & (6) ANY TWO OF THE FOLLOWING —

(i) Principles of Equity

Langdell		Brief Survey of Equity Jurisdiction
Story		Equity Jurisprudence
Underhill		Law of Trusts
Agnew		Law of Trusts (Tagore Lectures, 1881)
White and Tudor	..	Leading Cases in Equity (8th edition)

(ii) Law relating to Transfer of Immovable Property and Law of Prescription

Dart	.	Vendors and Purchasers
Williams	...	Vendors and Purchasers.

Rashbehary Ghose	... Law of Mortgages (Tagore Lectures, 1876)
Goddard	.. Law of Easements

The Transfer of Property Act
The Indian Easements Act

(iii) Law relating to Wills

Underhill and Strahan	On the Interpretation of Will and Settlements
Theobald	Law of Wills
Ingpen	Law of Executors
Henderson	Law of Wills (Tagore Lectures, 1887)
Trevelyan	Hindu Will (second edition)
Asutosh Mukhopadhyay	The Law of perpetuities in British India (Tagore Lectures, 1898)

The Indian Succession Act
The Hindu Wills Act
The Probate and Administration Act

(iv) Law of Contracts and Torts

Pollock	Principles of Contract, Law of Torts
Street	Foundations of Legal Liabilities
Fry	Specific Performance
Finch	Cases on Contracts
Kenny	Cases on Torts
Salmond	On Torts
Satisch ndra Banerjee	The Law of Specific Relief in British India (Tagore Lectures, 1906).

The Indian Contract Act
The Specific Relief Act

(v) Principles and History of the Law of Real and Personal Property

Williams	Real Property
Williams	Personal Property
Goodeve	Real Property
Goodeve	Personal Property
Challis	Real Property
Digby	History of Real Property
Leake	Law of Property in Land
Finch	Cases on the Law of Property

(vi) Principles and History of the Law of Evidence.

Best	Evidence
Thayer	Preliminary Treatise on Evidence
Phillimore	History of Evidence
Wigmore	Cases on Evidence
Wigmore	Principles of Judicial Proof

Indian Evidence Act

(vii) History of English Law

Pollock and Maitland	..	History of English Law
Reeves	..	History of English Law (Edited by Finlason)
Holdsworth	.	History of English Law
Jenks		History of English Law
Kerly		History of Equity
Maitland		Collected Papers
Ames	..	Lectures on Legal History

Selected Essays on Anglo-American Legal History (Cambridge University Press)

XX

RULES FOR EXAMINATIONS

(i) ARTS AND SCIENCE

I – GENERAL

(*a*) APPOINTMENT OF EXAMINERS

Head Examiners shall be appointed to superintend the work of the Matriculation Examiners in the following subjects

(1) English	(4) Bengali Composition	(7) Pali
(2) Mathematics	(5) History	(8) Persian
(3) Sanskrit	(6) Geography	

The Syndicate may also, if necessary appoint a Head Examiner in any other subject

2 Head Examiners shall be appointed to superintend the work of the Examiners in the Intermediate Examination in Arts and Science, one in each of the following subjects

(1) English	(5) Mathematics	(8) Logic
(2) Bengali Composition	(6) Physics	(9) Botany
(3) Sanskrit	(7) Chemistry	
(4) History		

The Syndicate may also, if necessary appoint a Head Examiner in any other subject

3 There shall be one Chairman of the B A Board of Examiners in English Pass Course, and a Head Examiner in Bengali Composition

(*b*) SETTING OF PAPERS

4 (*a*) The question papers set for the Intermediate Examination in Arts and the Intermediate Examination in Science shall be identical in all subjects which are common to the two examinations

In the Intermediate Examination, candidates are expected to possess only a knowledge and understanding of the prescribed pieces (both prose and poetry), questions will not be set to test their knowledge of the lives, works and styles of the authors, beyond what is involved in the set pieces themselves

(*b*) The question papers set for the B A and B Sc Examination shall be identical in all subjects common to the two examinations

(*c*) The question papers for the M A and M Sc Examinations shall be identical in all subjects common to the two examinations

(*d*) The Paper-Setters for the Alternative Paper in English for the Matriculation Examination should keep in view, when framing the questions, the fact that many candidates whose vernacular is not English, are compelled to take up the Alternative Paper in English in as much as their vernacular is not recognised by the University

5 Gentlemen appointed to set the examination papers are requested to write in the margin opposite to each question, the maximum number of marks they intend to assign to it

6 The examination papers, *in duplicate*, written very legibly on one side only of foolscap paper, are to be sent by post in a sealed and registered double cover to the Controller at his office No copy of any examination paper is to be retained by the gentlemen setting it

7 The papers set shall be submitted to the Controller with a certification over the joint signatures of the persons appointed that the papers conform to the prescribed conditions and do not involve a material variation from the average standard

(c) Examination of Papers

8 Examiners will be expected to be present in Calcutta during the examination in the subjects for which they have been specially appointed

9 When the answers to a paper or *half-paper* are divided between two Examiners, they shall determine, at a meeting the standard to be adopted and compare their marks at a meeting, before submitting them

10 Each Examiner shall be furnished with a roll containing the names and numbers of all the candidates to be examined by him in which he shall enter the total number of marks, assigned to each candidate in each paper

The total number of marks must in every case be a whole number, if the roll submitted by an Examiner contains fractional marks it will be returned to him for correction

11 The Examiners shall mark on each answer paper the marks assigned to each question, as well as the total marks

12 The Examiners are required to examine the papers of the candidates to the order in which their names appear on the roll, and at the end of each week send to the Controller or to the Head Examiner as the case may be the pages of the roll containing the marks assigned to the papers examined The number of papers examined each week is expected to be fairly proportionate to the total number of papers to be examined within the time prescribed The attention of the Examiners is specially directed to this rule, and the Registrar is required to report to the Syndicate, after the examinations are over, any case of infraction of this or any other rule

13 To facilitate the work of re-examination, the Examiners or the Head Examiners, as the case may be, shall keep the answer papers of the candidates arranged in the order in which their names appear in the roll

In cases in which there is a Head Examiner, the re examination may be done by the Head Examiner himself or by one or more of the Assistant Examiners at his discretion

14 The answer paper shall be returned to the Controller as soon as the work of re examination is over

15 Six weeks before the Matriculation, Intermediate, B A and B Sc. Examinations take place, the Syndicate shall fix the latest date for sending in marks The time allowed for the re-examination of answar papers shall be *four* days for 100 papers and under, and *one* day additional for every 25 papers or portion whereof, over 100, Sundays being excluded

In the case of the B A Examination 30 half-papers shall, for the purposes of this rule, be taken to be equivalent to 25 papers

Where an Examiner has over 100 papers or half-papers to re examine, he shall send in the marks of these papers by instalments of 100 or less, as the re-examination of them is completed

If any Examiner fails to send in his marks within the limits of time prescribed for examination and re examination, the amount of his remuneration shall be reduced by Rs 16 for each day by which he exceeds that period

16 Each Examiner shall write his name and the subject of the examination at the foot of every page of his roll

17 No entry shall be made in the roll against the name of any candidate from whom no paper is received

II —SPECIAL

(*a*) MATRICULATION EXAMINATION

1 The examination shall be held early in March in the following order

Monday	English, 1st Paper—10 A M to 1 P M " 2nd Paper from 2 P M to 5 P M
Tuesday	Mathematics (Compulsory)—from 10 A M to 1 P M Second Language (Compulsory) from 2 P M to 5 P M
Wednesday	Vernacular Composition or Alternative Paper—from 10 A M to 1 P M Mathematics (Additional)—from 2 P M to 5 P M
Thursday	Second Language (Additional)—from 10 A M to 1 P M History—from 2 P M to 5 P M
Friday	Geography from 10 A M to 1 P M Mechanics from 2 P M to 5 P M

2 The questions shall be framed chiefly with a view to test a general but intelligent knowledge of the subjects, and questions that are very minute or very difficult, shall as a rule be avoided

3 As soon as possible after the examination has been held, the persons who have set any question paper in the examination and those who are to examine the answers to that paper or any portion of it, and the Head Examiner, if there is one, shall meet to determine the kind and standard of answers to be expected from the candidates and to decide upon a system of marking Their conclusions shall be embodied in a memorandum to be jointly signed by them and forwarded to the Controller If, owing to unavoidable circumstances, any Examiner who has set a paper is unable to attend the meeting, the remaining Examiners, contemplated by this Regulation shall meet and transact the aforesaid business

For this purpose a meeting of the Examiners in each subject shall be held as soon as possible after the close of the examination, at which provisional rules shall be drawn up After this meeting each Examiner shall look over a certain number of papers (the number to be determined at the meeting) and shall submit them to the Head Examiner for re-examination After he has re-examined those papers, the Head Examiner shall call another meeting for the final determination of the rules A copy of these rules shall be sent to each Matriculation Examiner and to the Controller

4 Each Head Examiner shall re-examine at least 5 per cent. of the answer papers looked over by each of Matriculation Examiners in his subject, with a view to see whether they are working uniformly according to the method indicated and shall direct, if necessary, any examiner to conform to that method.

The re-examination of the answer papers shall be conducted in the following manner —

Every Matriculation Examiner shall, as soon as he finishes the examination of about 100 papers, send them with the corresponding pages of his roll to his Head Examiner, who shall examine at least five papers taken at random out of

them, and shall give the Examiner any further instructions which may be necessary or shall return the remaining papers for re-examination, if he is of opinion that the rules have not been complied with The same course shall be followed with every subsequent batch of 100 papers

5 The functions of Head Examiners are—

(1) to distribute, in consultation with the Examiners, the marks allotted to a question consisting of several parts over those parts,

(2) to give general directions, in consultation with the Examiners, as to what should be included within the scope of each answer, and as to how far any particular answer should be dealt with leniently or strictly by reason of the difficulty or simplicity of the question,

(3) to look over a few of the papers examined by each Examiner immediately after the meeting of Examiners, to ascertain how far the standard agreed upon is being followed, and in cases of deviation from such standard to give general directions to be more or less strict as may be required,

(4) to re-examine 5 per cent of the answer papers examined by each Examiner with the object of seeing whether the standard adopted has been generally and fairly adhered to, but not to insist upon mechanical uniformity

6 In no case shall the Head Examiner increase or diminish the marks assigned to any paper by a Matriculation Examiner without himself examining that paper

7 In case of a difference arising between Head Examiner and a Matriculation Examiner an appeal shall lie to the Moderators

8 Every Matriculation Examiner must remain in Calcutta as long as his services are required by his Head Examiner

9 The Head Examiner shall forward to the Controller by instalments the totalised marks in his subject with observations on those cases which he may deem worthy of special consideration

In order to avoid delay in the submission of the totalised marks, Head Examiners are requested to see that the Matriculation Examiners look over the papers of candidates in the order in which their names appear in the rolls (General Rule II)

(*b*) Intermediate Examination in Arts

1 The examination shall be held in March in the following order —

Monday	English, 1st Paper—from 10 A M to 1 P M „ 2nd „ — „ 2 P M to 5 P M
Tuesday	English, 3rd Paper—from 10 A M to 1 P M Vernacular Composition or Alternative Paper —from 2 P M to 5 P M
Wednesday	Second Language, 1st Paper from 10 A M to 1 P M „ „ 2nd „ — „ 2 P M to 5 P M
Thursday	Mathematics, 1st Paper —from 10 A M, to 1 P M „ 2nd „ — „ 2 P M to 5 P M
Friday	History, 1st Paper—from 10 A M to 1 P M „ 2nd „ — „ 2 P M to 5 P M
Saturday	Physics 1st Paper—from 10 A M to 1 P M „ 2nd „ — „ 2 P M to 5 P M
Monday	Logic, 1st Paper —from 10 A M to 1 P M „ 2nd „ — „ 2 P M to 5 P M
Tuesday ...	Chemistry, 1st Paper—from 10 A M to 1 P M, „ 2nd „ — „ 2 P M to 5 P M
Wednesday	Botany, 1st Paper—from 10 A M to 1 P M „ 2nd „ — „ 2 P M to 5 P M
Thursday	Physiology, 1st Paper—from 10 A M to 1 P M „ 2nd „ — „ 2 P M to 5 P M

Friday	{ Geology, 1st Paper from 10 A M to 1 P M " 2nd " — 2 P M to 5 P M
Saturday	{ Geography, 1st Paper—from 10 A M to 1 P M " 2nd " 2 P M to 5 P M
Monday	{ Zoology, 1st Paper from 10 A M to 1 P M " 2nd " — 2 P M to 5 P M

2 As soon as possible after the examination has been held, the persons who have set any question paper in the examination, and those who are to examine the answers to that paper or any portion of it, and the Head Examiner, if there is one, shall meet to determine the kind or standard of answers to be expected from candidates and to decide upon a system of marking Their conclusions shall be embodied in a memorandum to be jointly signed by them and forwarded to the Controller If owing to unavoidable circumstances, any Examiner, who has set a paper, is unable to attend the meeting, the remaining Examiners contemplated by this Regulation, shall meet and transact the aforesaid business

For this purpose a meeting of the Examiners in each subject shall be held as soon as possible after the close of the examination, at which provisional rules shall be drawn up After this meeting each Examiner shall look over a certain number of papers (the number to be determined at the meeting), and shall submit them to the Head Examiner for re-examination After he has re-examined these papers the Head Examiner shall call another meeting for the final determination of the rules A copy of the rules shall be sent to each Intermediate Examiner and to the Controller

3 Each Head Examiner shall re-examine 5 per cent of the answer papers looked over by each of the Intermediate Examiners in his subject, with a view to see whether they are working uniformly according to the method indicated and shall, if necessary, direct any Examiner to conform to that method

The re-examination of the answer papers shall be conducted in the following manner —

Every Intermediate Examiner, shall, as soon as he finishes the examination of about 100 papers, send them with the corresponding pages of his roll to his Head Examiner, who shall examine at least five papers taken at random out of them, and shall give the Examiner any further instructions he may deem fit or shall return the remaining papers for re-examination, if he is of opinion that the rules have not been complied with The same course shall be followed with every subsequent batch of 100 papers

4 The functions of Head Examiner are —

(1) to distribute, in consultation with the Examiner, the marks allotted to a question consisting of several parts over those parts

(2) to give general directions, in consultation with the Examiners, as to what should be included within the scope of each answer, and as to how far any particular answer should be dealt with leniently or strictly by reason of the difficulty or simplicity of the question

(3) to look over a few of the papers examined by each Examiner immediately after the meeting of Examiners to see that how far the standard agreed upon is being followed and in case of deviation from such standard to give general directions to be more or less strict as may be required

(4) to re-examine 5 per cent of the answer papers examined by each Examiner with the object of seeing whether the standard adopted has been generally and fairly adhered to, but not to insist upon mechanical uniformity

5 In no case shall the Head Examiner increase or diminish the marks assigned to any paper by an Intermediate Examiner without himself examining that paper

6 In case of any difference arising between a Head Examiner and an Intermediate Examiner, an appeal shall lie to the Moderators

7 Every Intermediate Examiner must remain in Calcutta as long as his services are required by his Head Examiner

8 The Head Examiner shall forward to the Controller by instalments the marks or totalised marks as the case may be, in his subject, with observations on those cases which he may deem worthy of special consideration

In order to avoid delay in the submission of the totalsed marks, Head Examiners are requested to see that the Intermediate Examiners look over the papers of candidates in the order in which their names appear in the rolls (General Rule 11)

(c) INTERMEDIATE EXAMINATION IN SCIENCE

1 The Examinaton shall be held in March in the following order —

Monday	English, 1st Paper—from 10 A M to 1 P M
	„ 2nd „ „ 2 P M to 5 P M
Tuesday	English 3rd paper from 10 A M to 1 P M
	Vernacular Composition or Alternative paper from 2 P M, to 5 P M
Thursday	Mathematics, 1st paper from 10 A M to 1 P M
	„ 2nd „ „ 2 P M to 5 P M
Saturday	Physics 1st Paper from 10 A M to 1 P M
	„ 2nd „ „ 2 P M to 5 P M
Tuesday	Chemistry 1st Paper—from 10 A M to 1 P M
	„ 2nd „ „ 2 P M to 5 P M
Wednesday	Botany, 1st Paper—from 10 A M to 1 P M
	„ 2nd „ „ 2 P M to 5 P M
Thursday	Physiology, 1st Paper—from 10 A M to 1 P M
	„ 2nd „ „ 2 P M to 5 P M
Friday	Geology, 1st Paper from 10 A M to 1 P M
	„ 2nd „ „ 2 P M to 5 P M
Saturday	Geography, 1st Paper from 10 A M to 1 P M
	„ 2nd „ „ 2 P M to 5 P M
Monday	Zoology, 1st Paper from 10 A M to 1 P M
	„ 2nd „ „ 2 P M to 5 P M

2 As soon as possible after an examination has been held, the persons who have set any question paper in the examination and those who are to examine the answers to that paper or any portion of it and the Head Examiner if there is one, shall meet to determine the kind or standard of answers to be expected from candidates and to decide upon a system of marking Their conclusions shall be embodied in a memorandum to be jointly signed by them and forwarded to the Controller If owing to unavoidable circumstances, any Examiner who has set a paper is unable to attend the meeting, the remaining Examiners, contemplated by this Regulation, shall meet and transact the aforesaid business

For this purpose a meeting of the Examiners in each subject shall be held as soon as possible after the close of the examination, at which provisional rules shall be drawn up After this meeting, each Examiner shall look over a certain number of papers (the number to be determined at the meeting) and shall

submit them to the Head Examiner for re-examination After he has re-examined these papers, the Head Examiner shall call another meeting for the final determination of the rules A copy of these rules shall be sent to each Intermediate Examiner and to the Controller.

3 Each Head Examiner shall re-examine 5 per cent of the answer paper looked over by each of the Intermediate Examiners in the subject with a view to see whether they are working uniformly according to the method indicated and shall direct, if necessary, any Examiner to conform to that method

The re examination of the answer papers shall be conducted in the following manner —

Every Intermediate Examiner shall, as soon as he finishes the examination of about 100 papers, send them with the corresponding pages of his roll to his Head Examiner, who shall examine at least five papers taken at random out of them, and shall give the Examiner any further instructions he may deem fit or shall return the remaining papers for re-examination, if he is of opinion that the rules have not been complied with The same course shall be followed with every subsequent batch of 100 papers

4 The functions of Head Examiners are—

(1) to distribute in consultation with the Examiners the marks allotted to a question consisting of several parts over those parts,

(2) to give general directions in consultation with the Examiners, as to what should be included within the scope of each answer, and as to how for any particular answer should be dealt with leniently or strictly by reason of the difficulty or simplicity of the question

(3) to look over a few of the papers examined by each Examiner immediately af the meeting of Examiners to ascertain how far the standard, agreed upon is being followed, and in cases of deviation from such standard giving general directions to be more or less strict as may be required,

(4) to re-examine 5 per cent of the answer papers examined by each Examiner with the object of seeing whether the standard adopted has been generally and fairly adhered to, but not to insist upon mechanical uniformity

5 In no case shall the Head Examiner increase or diminish the marks assigned to any paper by an Intermediate Examiner without himself examining that paper

6 In case of a difference arising between a Head Examiner and an Intermediate Examiner, an appeal shall lie to the Moderators

7 Every Intermediate Examiner must remain in Calcutta as long as his services are required by his Head Examiner

8 The Head Examiner shall forward to the Controller by instalments the marks or totalised marks as the case may be, in his subject, with observations on those cases which he may deem worthy of special consideration

In order to avoid delay in the submission of the totalised marks Head Examiners are requested to see that the Intermediate Examiners look over the papers of candidates in the order in which their names appear in the rolls (General Rule 11).

(*d*) B.A. EXAMINATION

1. The examination shall be held in March in the following order —

Monday	*Honours Subjects*—1st Honour Paper—from 10 A M to 1 P M	*Except Mathematics, Physics, Chemistry, Botany, Physiology and Zoology*
	Honours Subjects—2nd Honour Paper—from 2 P M to 5 P M	
Tuesday	*Honours Subjects*—3rd Honour Paper—from 10 A M to 1 P M	
	Honours Subjects—4th Honour Paper—from 2 P M to 5 P M	
Wednesday	*Honours Subjects*—5th Honour Paper—from 10 A M to 1 P M	
	Honours Subjects—6th Honour Paper—from 2 P M to 5 P M	
Thursday	English, 1st Pass Paper—from 10 A M to 1 P M	
	English, 2nd Pass Paper—from 2 P M to 5 P M	
Friday	English, 3rd Pass Paper—from 10 A M to 1 P M	
	Vernacular Composition or Alternative Paper—from 2 P M to 5 P M	
Saturday	Second Language, 1st Pass Paper—from 10 A M. to 5 P.M	
	Second Language, 2nd Pass Paper—from 2 P M to 5 P M	
Monday	Second Language, 3rd Pass Paper—from 10 A M to 1 P M	
	Philosophy, 1st Pass Paper—from 2 P M to 5 P M	
Tuesday	Philosophy, 2nd Pass Paper—from 10 A M to 1 P.M	
	Philosophy, 3rd Pass Paper—from 2 P M. to 5 P M	
Wednesday	History, 1st Pass Paper—from 10 A M to 1 P M	
	History, 2nd Pass Paper—from 2 P M to 5 P M	
Thursday	History, 3rd Pass Paper—from 10 A M to 1 P M	
	Political Economy, 1st Pass Paper—from 2 P M to 5 P M	
Tuesday	Political Economy, 2nd Pass Paper and *Honours Subjects*—Physics, Chemistry Botany Physiology and Zoology, 1st Honour Paper—from 10 A M to 1 P M	
	Political Economy, 3rd Pass Paper and *Honours Subjects*—Physics, Chemistry, Botany Physiology and Zoology, 2nd Honours Paper—from 2 P M to 5 P M	
Wednesday	*Honours Subjects*—Physics, Chemistry, Botany, Physiology and Zoology, 3rd Honour Paper and Mathematics, 1st Honour Paper—from 10 A M to 1 P M	
	Honours Subjects—Physics, Chemistry, Botany, Physiology and Zoology, 4th Honour Paper and Mathematics, 2nd Honour Paper—from 2 P M to 5 P M	
Thursday	*Honours Subject*—Mathematics 3rd Honour Paper and Mathematics, 1st Pass Paper—from 10 A M to 1 P M	
	Honours Subject—Mathematics, 4th Honour Paper and Mathematics, 2nd Pass Paper—from 2 P M. to 5 P M.	
Friday	*Honours Subject*—Mathematics, 5th Honour Paper and Mathematics, 3rd Pass Paper—from 10 A M to 1 P M.	
	Honours Subject—Mathematics, 6th Honour Paper—from 2 P M. to 5 P M	
Saturday	Pyysics, 1st Pass Paper—from 10 A M to 1 P M	
	Physics, 2nd Pass Paper—from 2 P M to 5 P M	
Monday	Chemistry, 1st Pass Paper—from 10 A M to 1 P M	
	Chemistry, 2nd Pass Paper—from 2 P M to 5 P M	
Friday	Botany, 1st Pass Paper—from 10 A M to 1 P M.	
	Botany, 2nd Pass Paper—from 2 P M to 5 P M	

Monday	{ Physiology, 1st Pass Paper—from 10 A M to 1 P M { Physiology, 2nd Pass Paper—from 2 P M to 5 P M
Tuesday	{ Zoology, 1st Pass Paper—from 10 A M to 1 P M { Zoology, 2nd Pass Paper—from 2 P M to 5 P M

2 Different papers shall be prepared for the Pass and Honours candidates who will not be examined at the same time. The questions set in the papers for Pass candidates shall be taken only from the Pass Course and the questions set to the candidates for Honours shall be taken from both the Pass and Honours Courses In the papers set to the Honours candidates the questions taken from the Pass Course shall be more difficult than those in the papers set to the candidates for a Pass only The papers shall be headed English* 1st Pass Paper, English,* 2nd Pass Paper, English,* 3rd Pass Paper, English,* 1st Honour Paper, English,* 2nd Honour Paper English,* 3rd Honour Paper, English,* 4th Honour Paper, English,* 5th Honour Paper English,* 6th Honour Paper

3 The functions of the Chairman of the Board of Examiners in B A Pass English are —

(*a*) To convene as soon as possible after the examination has been held, a meeting of the Paper-setters and Examiners to determine the kind or standard of answers to be expected from candidates and to decide upon the system of marking

For this purpose, a meeting of the Examiners in each paper or half paper shall be held at which provisional rules shall be drawn up After this first meeting each Examiner shall look over a certain number of papers in order to obtain a general idea of the style and substance of the answers

(*b*) To convene another meeting at which the Board or half Board shall go over a certain number of papers together, (the Chairman reading out the answers one after another), and shall assign marks by common agreement to the different answers and types of answers Then the final rules shall be framed and embodied in a memorandum to be jointly signed by him and the Examiners and the Paper-setters concerned

(*c*) To transmit the memorandum to the Controller of Examinations who will furnish a copy thereof to each of the Examiners concerned

(*d*) To look over 5% of all the answers papers examined by each of the Examiners and to see that the standard agreed upon has been generally maintained but not to insist upon mechanical uniformity

(*c*) B Sc EXAMINATION.

1 The Examination shall be held in April in the following order —

Tuesday	{ *Honours Subjects*—Physics, Chemistry, Botany, Physiology, Zoology and Geology, 1st Honour Paper—From 10 A M to 1 P M *Honours Subjects*—Physics, Chemistry, Botany, Physiology, Zoology and Geology, 2nd Honour Paper—From 2 P M to 5 P M
Wednesday	{ *Honours Subjects*—Physics, Chemistry, Botany, Physiology, Zoology and Geology, 3rd Honour Paper and Mathematics, 1st Honour Paper—from 10 A M to 1 P M *Honours Subjects*—Physics, Chemistry, Botany, Physiology, Zoology, and Geology, 4th Honour Paper and Mathematics, 2nd Honour Paper—from 2 P M 5 P M

* Or whatever the subject may be

Thursday	*Honours Subject*—Mathematics, 3rd Honour Paper and Mathematics, 1st Pass Paper—from 10 A M to 1 P M
	Honours Subject—Mathematics, 4th Honour Paper and Mathematics, 2nd Pass Paper—from 2 P M to 5 P M
Friday	*Honours Subject*—Mathematics, 5th Honour Paper and Mathematics, 3rd Pass Paper—from 10 A M to 1 P M
	Honours Subject—Mathematics, 6th Honour Paper—from 2 P M to 5 P M
Saturday	Physics, 1st Pass Paper—from 10 A M to 1 P M
	Physics, 2nd Pass Paper from 2 P M to 5 P M
Monday	Chemistry, 1st Pass Paper from 10 A M to 1 P M
	Chemistry, 2nd Pass Paper—from 2 P M to 5 P M
Friday	Botany, 1st Pass Paper—from 10 A M to 1 P M
	Botany 2nd Pass Paper—from 2 P M to 5 P M
Monday	Physiology, 1st Pass Paper—from 10 A M to 1 P M
	Physiology, 2nd Pass Paper—from 2 P M to 5 P M
Tuesday	Zoology, 1st Pass Paper—from 10 A M to 1 P M.
	Zoology, 2nd Pass Paper—from 2 P M to 5 P M
Wednesday	Geology, 1st Pass Paper—from 10 A M to 1 P M
	Geology, 2nd Pass Paper—from 2 P M to 5 P M

2 Different papers shall be prepared for the Pass and Honours candiates The questions set in the papers for Pass candidates shall be taken only from the Pass Course and the questions set to the candidates for Honours shall be taken from both the Pass and the Honours Courses In the papers set to the Honours candidates the questions taken from the Pass Course shall be more difficult than those in the papers set to candidates for a Pass only The papers shall be headed Mathematics* First Pass Paper, Mathematics,* Second Pass Paper, Mathematics,* Third Pass Paper, Mathematics* First Honour Paper Mathematics,* Second Honour Paper, Mathematics * Third Honour Paper, Mathematics,* Fourth Honour Paper, Mathematics* Fifth Honour Paper, Mathematics,* Sixth Honour Paper

(*f*) M A AND M Sc EXAMINATIONS.

1 The examinations shall be held in the month of July in the following order —

Monday	1st Paper—from 11 A M to 3 P M	
Tuesday	2nd " " "	
Wednesday	3rd " " "	
Thursday	4th " " "	
Friday	5th " " "	
Saturday	6th " " "	
Monday	7th " " "	
Tuesday	8th " " "	

The Practical Examination in the Scientific subjects other than Mathematics shall extend from Friday to Tuesday

2 The practical Examination in the Scientific subjects shall be conducted conjoint y by two Examiners

3 Candidates who take up Mixed Mathematics will be assumed te posses a knowledge of so much of the Theory of Educations, Differential Equations, Spherical Trigonometry and Geometrical Optics as is necessary to understand the subjects included in the course

*Or whatever the subject may be

(ii) LAW.

PRELIMINARY EXAMINATION IN LAW.

The Preliminary Examination in Law shall be held twice a year namely in the first week of January and in the first week of July respectively, in the following order

Date	From 11 A M to 2 P M
Monday	Jurisprudence
Tuesday	Elements of Roman Law and Principles of Legislation
Wednesday	Hindu Law or, Buddhist Law

2 Three papers will be set for the Examination, each of three hours and carrying 100 marks The paper shall each be divided into halves and one Examiner shall be appointed to examine the answers to each half-paper Examiners are required to write in the margin opposite to each question the maximum number of marks they intend to assign to it

3 In the third paper 40 marks will be allotted to questions framed with a view to test the ability of candidates to apply the more important legal principles to concrete cases Full credit is to be given for well-reasoned answers to such questions, even if the conclusions happen to differ from the views taken in decided cases No credit is to be given for bare answers unsupported by arguments

4 In order to pass the Preliminary Examination in Law a candidate must obtain—

In each Paper	30 marks
In the aggregate	150 ,,
In order to be placed in the First Division a candidate must obtain	200 ,,

5 A candidate who has failed in one paper only by not more than 5 marks but has shown merit by gaining 60 per cent or more in the aggregate of the marks of the examination will be allowed to pass In order to determine the division in which such a candidate will be placed and his place in the division, the number of marks by which he has failed in one paper will be deducted from his aggregate

If the Examiners are of opinion that in the case of any candidate not covered by the preceding rule, consideration ought to be allowed by reason of his high proficiency in particular subject or in the aggregate they will report the case to the Syndicate and the Syndicate may pass such candidate

6 The question papers are to be delivered to the Controller in person, or sent to him in a sealed cover at the Senate House not later than a prescribed date

7 The Examiners are requested to keep the results of the examination and the marks assigned to candidates strictly secret

8 Examiners are required to be present during the Examination in their respective subjects

9 Rolls containing the names of the candidates will be supplied to the Examiners who shall enter in them the total marks awarded to each candidate The Examiners are also required to mark on each answer paper the marks assigned to each question as well as the total marks The total number of marks must, in every case, be a whole number, if the roll submitted by an Examiner contains fractional marks, it will be returned to him for correction

10 As soon as possible after the last day of application for admission to the Preliminary Examination in Law, the Syndicate shall fix the latest date for sending in marks The attention of the Examiners is especially directed to this rule, and the Controller is required to report to the Syndicate any case of infraction of this rule

11 The answer papers of candidates, after they have been examined and re-examined, if necessary, under Section 7, Chapter XXV of the Regulations, are to be returned to the Controller

INTERMEDIATE EXAMINATION IN LAW

1 The Intermediate Examination in Law shall be held twice a year, namely in the first week of January and first week of July, respectively in the following order —

Date	From 11 A M to 2 P M
Monday	Mahomedan Law, &c , &c
Tuesday	Law of Transfer, *inter vivos*
Wednesday	English Law of Real Property, &c
Thursday	Law of Contracts and Torts

2 Four papers will be set for the examination, each of three hours and carrying 100 marks The papers shall each be divided into halves and one Examiner shall be appointed to examine the answers to each half paper Examiners are required to write in the margin opposite to each question the maximum number of marks the intend to assign to it

3 In each paper 40 marks will be allotted to questions framed with a view to test the ability of candidates to apply the more important legal principles to concrete cases Full credit is to be given for well-reasoned answers to such questions even if the conclusions happen to differ from the views taken in decided cases No credit is to be given for bare answers unsupported by arguments

4 In order to pass the Intermediate Examination in Law a candidate must obtain—

In each paper	30 marks
In the aggregate	200 „
In order to be placed in the first division a candidate must obtain ..	267 „

5 A candidate who has failed in one paper only by not more than 5 marks but has shown merit by gaining 60 per cent or more in the aggregate of the marks of the Examination will be allowed to pass In order to determine the division in which such a candidate will be placed and his place in the division the number of marks by which he has failed in one paper will be deducted from his aggregate

If the Examiners are of opinion that in the case of any candidate not covered by the preceding rule, consideration ought to be allowed by reason of his high proficiency in a particular subject or in the aggregate, they will report the case to the Syndicate, and the Syndicate may pass such candidate

6 The question paper are to be delivered to the Controller in person or sent to him in a sealed cover at the Senate House not later than a prescribed date

7 The Examiners are required to keep the results of the Examination as well as the marks awarded to candidates *strictly secret*

8 Examiners are required to be present during the examination in their respective subjects

9 Rolls containing the names of the candidates will be supplied to the Examiners, who shall enter in them the total marks awarded to each candidate The Examiners are also required to mark on each answer paper the marks assigned to each question as well as the total marks The total number of marks must, in every case, be a whole number, if the roll submitted by an Examiner contains fractional marks, it will be returned to him for correction

10. As soon as possible after the last day of application for admission to the Intermediate Examination in Law, the Syndicate shall fix the latest date for sending in marks The attention of the Examiners is specially directed to this rule, and the Controller is required to report to the Syndicate any case of infraction of this rule

11 The answer papers of candidates, after they have been examined and re-examined, if necessary, under Sec 7, Chap XXV of the Regulations, are to be returned to the Controller

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FINAL EXAMINATION IN LAW

1 The Final Examination in Law shall be held twice a year, namely in the first week of January and in the first week of July respectively in the following order —

Date	From 11 A M to 2 P M
Monday ..	Law of Land Tenures, &c , &c
Tuesday	Equity, including the Law of Trust
Wednesday	Law of Evidence and Civil Procedure
Thursday	Law of Crimes and Criminal Procedure

2 Four papers will be set for the Examination, each of three hours and carrying 100 marks The papers shall each be divided into halves and one Examiner shall be appointed to examine the answers to each half-paper

Examiners are required to write in the margin opposite to each question the maximum number of marks they intend to assign to it.

3 In each paper 40 marks will be allotted to questions framed with a view to test the ability of candidates to apply the more important legal principles to concrete cases Full credit is to be given for well-reasoned answers to such questions, even if the conclusions happen to differ from the views taken in decided cases No credit is to be given for bare answers unsupported by arguments

4 In order to pass the Final Examination in Law, a candidate must obtain—

In each paper	..	30 marks
In the aggregate		200 ,,
In order to be placed in the first division a candidate must obtain		267 ,,

5. A candidate who has failed in one paper only by not more than 5 marks but has shown merit by gaining 60 per cent or more in the aggregate of the marks of the examination will be allowed to pass In order to determine the division in which such a candidate will be placed and his place in the division, the number of marks by which he has failed in one paper will be deducted from his aggregate

If the Examiners are of opinion that in the case of a candidate, not covered by the preceding rule consideration ought to be allowed by reason of his high proficiency in a particular subject or in the aggregate they will report the case to the Syndicate, and the Syndicate may pass such candidate

6 The question papers are to be delivered to the Controller in person or sent to him in a sealed cover at the Senate House not later than a prescribed date

7 The Examiners are requested to keep the results of the examination as well as the marks awarded to candidates *strictly secret*

8 Examiners are required to be present during the examination in their respective subjects

9 Rolls containing the names of the candidates will be supplied to the Examiners, who shall enter in them the total marks awarded to each candidate The Examiners are also required to mark on each answer paper the marks assigned to each question, as well as the total marks The total number of marks must, in every case be a whole number, if the roll submitted by an Examiner contains fractional marks, itwill be returned to him for correction

10 As soon as possible after the last day of application for admission to the Final Examination in Law, the Syndicate shall fix the latest date for sending in marks The attention of the Examiners is specially directed to this rule, and the Controller is required to report to the Syndicate any case of infraction of this rule

11 The answer papers of candidates, after they have been examined and re-examined, if necessary, under Sec 7, Chap XXV of the Regulations are to be returned to the Controller

The following instructions to paper-setters for the B.L. Examinations have been adopted by the Syndicate:—

The papers to be set for the Preliminary, Intermediate and Final B L. Examinations are to be arranged on the following plan —

PRELIMINARY EXAMINATION.

1st Paper—Jurisprudence

The paper to be divided into two halves the First half to contain question on Holland's Jurisprudence (50 marks), and the Second half questions on Constitutional Law (16 marks) and on Maine's Ancient Law (34 marks).

Each half to comprise seven questions, five of which only should be taken up by candidates

2nd Paper—Roman Law and the Principles of Legislation.

The paper to be divided into two halves
First Half—Roman Law (50 marks)
Second Half—Principles of Legislation, &c., (50 marks)

Each half to comprise seven questions, five of which only are to be taken by candidates

3rd Paper—Hindu Law

The paper to the divided into two halves, each of which carries fifty marks Each half should comprise five questions three of which should be book-work and riders and two problems Alternatives should be provided to any three questions in each half Some of the questions (whether questions with or without alternative) may be directed to the Leading Cases prescribed

INTERMEDIATE AND FINAL EXAMINATIONS

All eight papers for these Examinations (four papers for each should be divided into two halves each of which should carry 50 marks) Each half should comprise five questions, three of which should be book-work and riders and two problems Alternatives should be provided to any three questions in each half Some of the questions (whether questions with or without alternatives) may be directed to the Leading Cases prescribed

INTERMEDIATE EXAMINATION

First Paper—Mahomedan Law and Law relating to Persons

First Half—Mahomedan Law
Second Half Law relating to Persons

Second Paper—Law of Transfer *inter vivos*

First Half—Transfer of Property (50 marks)
Second Half—Transfer of Property (35 marks)
Registration—(15 marks)

Third Paper—English Law of Real Property Law of Intestate and Testamentary Succession
First Half—Real Property.
Second Half—Succession Act, Hindu Wills Act, Probate and Administration Act

Fourth Paper—Contracts and Torts
First Half—Anson's Law of Contract and Contract Act.
Second Half—Contracts (10 marks), Torts (40 marks)

FINAL EXAMINATION

First Paper—Land Tenures, Land Revenue and Prescription.

First Half—Questions on the Regulations and on Revenue Law
Second Half—Bengal Tanancy Act, Law of Prescription and Easements

Second Paper—The Principles of Equity, including the Law of Trusts (No special directions)

Third Paper—The Law of Evidence and the General Principles of Civil Procedure

First Half—Evidence Act, Limitation
Second Half—Civil Procedure

Fourth Paper—The Law of Crimes and the General Principles of Criminal Procedure

First Half—Penal Code (40 marks)
F J Stephen's General view, etc, (10 marks)
Second Half—Stephen (10 marks)
Criminal Procedure (40 marks).

(iii) MEDICINE.

PRELIMINARY SCIENTIFIC, FIRST AND FINAL M B EXAMINATIONS

GENERAL RULES

The examination shall be conducted in accordance with the following General Rules (Chapter XXV of the Regulations)

1 No questions shall be asked which would require an expression of religious belief on the part of the candidates and any answer or translation given by any candidate shall not be objected to on the ground of its expressing peculiarties of religious belief

2 Candidates shall give their awswers in their own words as far as practicable in all subjecs This rule shall be inserted as a head-note in every question paper

3 Examiners in setting papers shall be guided, as to the scope of the subject of examination by the syllabus prescribed in the Regulations and as to the standard and extent of knowledge required, by the books, if any, recommended from time to time for such purpose

4 No copy of any examination paper is to be retained by the person setting it

5 The papers set should be such as candidates can reasonably be expected to answer within the time allotted The questions in each subject should be fairly distributed over the whole course in that subject, and should conform to the Regulations laid down for the particular examination, there should not be any marked change of standard from year to year, but it is not required that the same type of questions should be set every year. Examiners shall always allow some choice of questions

6. Questions should be so framed as to encourage good methods of work and teaching, and to discourage unintelligent memorizing

7 The two Examiners appointed to set a paper in any subject shall be jointly responsible for the paper The paper shall be divided into two halves, distinguished as the "First Half" and the "Second Half" The answers to the First Half shall be looked over by one of the Examiners, and those to the Second Half by the other The Oral and Practical Examinations shall be conducted by the two Examiners jointly The remuneration sanctioned by the Syndicate shall be divided equally between the two Examiners

In every subject where there are three Examiners, the papers be set jointly by all the three Examiners In every subject where there are four Examiners, each written paper is to be divided into two halves, the answer to each half to be examined by two Examiners

8 The Controller shall, as soon as the results have been tabulated, prepare a list of the candidates who have failed in one subject only, in order to guard against any possible inaccuracy, their papers in the subject in which they have failed, shall be re-examined *on the method of marking already adopted and without any alteration of the standard*

9 Examiners in giving marks, shall take the correctness of the language of the answers into account

10 Examiners in giving marks, shall consider whether the answers indicate an intelligent appreciation of the subject or are merely the result of unintelligent memory work

11 Candidates must produce note books of their laboratory work, which must be duly certified by the Professor, and shall be taken into account in estimating their qualifications

12 Examiners are requested to place opposite each question in their paper the full number of marks assigned to it and in subjects wherein the examination is written, oral, practical and clinical, candidates should be informed what is the maximum of marks obtainable under each head

13 The paper should be delivered by the Examiners in person to the Controller or sent to him at the Senate House in a *sealed* double cover **on or before** a prescribed date

14 Rolls, in which the marks awarded are to be entered in the Examiner's hand-writing, will be supplied by the Controller on the day of Examination, and the answer-papers duly marked should be returned to the Controller along with the completed rolls

The total number of marks must, in every case, be a whole number If the roll submitted by an Examiner contains fractional marks, it will be returned to him for correction,

15 The rolls containing the results of the examination must be submitted **on or before** a date to be fixed by the Syndicate

16 Examiners will be good enough to retain a duplicate of the roll and bring it with them to the final meeting of Examiners for the purpose of checking the marks

17 As soon as possible after the tabulation of the results, the entire body of Examiners shall meet and draw up a report on the examination as a whole for the consideration of the Syndicate If the Examiners are of opinion that in the case of any candidate who has not attained the standard laid down in the Regulations for a pass or for Honours, consideration ought to be allowed by reason of his high marks in a practicular subject or in the aggregate, they shall make a recommendation to the Syndicate under Section 18, Chapter XXV of the Regulations

18 As soon as possible after the publication of the results of the Examination, the Examiners in each subject shall meet together and draw up a report upon the examination in that subject for the consideration of the Syndicate. The reports so submitted shall ordinarily embody such remarks and recommendations suggested by the work done by the candidates which it is thought desirable in the interests of education to communicate to the Heads of Colleges.

19. Examiners are required to keep the results of the examinations and the marks assigned to candidates *strictly secret*

20 Examiners will be expected to be present at the Senate House, Calcutta, during the Examination in the subject for which they have been specially appointed.

21 The answer papers shall be returned to the Controller as soon as the work of re examination is over

SPECIAL RULS

Preliminary Scientific M B Examination

1. The written part of the examination will be held in the following order —

Date	From 10 A M to 1 P M
Monday	Inorganic Chemistry
Tuesday	Physics
Wednesday	Botany
Thursday	Zoology

The Controller will intimate in consultation with examiners on or soon after the day of written examination, when and where the Oral and Practical Examinations in their respective subjects are to be held

The Practical Examination in Botany includes identification of specimens or parts of the selected types of plants

The Practical Examination in Zoology includes identification of specimens or parts of the selected types of animals

2 The full marks in each subject and the minimum marks required for passing shall be as follows —

Subject	Written	Oral	Practical	Total marks	Passing marks	Passing marks in Practical
Inorganic Chemistry	400	50	150	600	200	50
Physics	200	50	50	300	100	17
Botany	200	100	100	400	134	34
Zoology	200	100	100	400	134	34

(*ii*) *First M.B Examination*

1. The written part of the examination will be held in the following order —

Date	From 10 A M to 1 P M
Monday	Anatomy (Pass)
Tuesday	Physiology (Pass)
Wednesday	Pharmacology (Pass)
Thursday	Organic Chemistry

The Examination for Honours will be held one week after the results of the Pass Examination will have been declared

2 The Controller will intimate, in consultation with the Examiners, on or soon after the day of written examination when and where the Oral and Practical examinations in their respective subjects are to be held for *Pass* as well as for *Honours* candidates

The Pass Practical Examination shall be conducted in accordance with the syllabuses prescribed in the Regulations

Candidates for Honours in any subject will be required in addition to the written, oral and practical examinations for a pass, to undergo a further and more searching written, oral and practical examination, the scope of which will not be limited to the syllabus if any, prescribed in that subject

3 The full marks for each subject and the minimum marks required for passing shall be as follows :-

Subject	Written	Oral	Practical	Total marks	Passing marks	Passing marks in Practical
Anatomy	600	200	200	1000	500	100
Physiology,	600	200	200	1000	500	100
Pharmacology, etc	600	200	200	1000	500	100
Organic Chemistry	200	50	50	300	100	17

In order to obtain Honours in any branch candidates must obtain one-half of the marks allotted to each portion of the examination, written, oral and practical, and two thirds in the aggregate No candidate, however, will be admitted to the Examination for Honours, unless (1) he has been successful at the Pass Examination and (2) he has obtained at the Pass Examination, in the special subject in which he desires to take Honours one-half of the marks allotted to each portion of the examination, written, oral, and practical, and two thirds in the aggregate

(iii) Final M B Examination

The Final M B Examination shall be divided into two parts Part I and Part II The examination in each Part shall take place twice a year The examination in the two parts shall begin on two different dates

2 The written portion of the examination in Part I, shall be held in the following order —

Date	From 10 A M to 1 P M.
Monday	Medicine (Pass)
Tuesday	Medicine (Pass)
Wednesday	Surgery (Pass)
Thursday	Surgery (Pass)
Friday	Midwifery (Pass)

3 The written portion of the examination in Part II, shall be held in the following order —

Date	From 10 A.M. to 1 P.M.
Monday	Pathology (Pass)
Tuesday	Medical Jurisprudence (Pass)
Wednesday	Hygiene

4 The Controller will intimate, in consultation with the Examiners on or soon after the day of written examination, when and where the oral and practical examinations in their respective subjects are to be held for *Pass* as well as for *Honours* candidates

The Pass Practical Examination shall be conducted in accordance with the syllabuses prescribed in the Regulations

Candidates for Honours in any subject will be required, in addition to the written, oral and practical examinations for a *Pass* to undergo a further and more searching written, oral and practical examination, the scope of which will not be limited to the syllabus, if any, prescribed in that subject

5 The full marks for each subject and the minimum marks required for passing in Part I shall be as follows —

Subject	Written	Oral	Practical	Total marks	Passing marks	Passing marks in Practical
Medicine	600	200	200	1,000	500	66
Surgery	600	200	200	1,000	500	66
Midwifery	500	100	200	800	400	66

The examination must be passed as a whole, a candidate who fails in any portion of it will be rejected

6. The full marks for each subject and the minimum marks required for passing in Part II shall be as follows —

Subject	Written	Oral	Practical	Total marks	Passing marks	Passing marks in Practical
Pathology	400	100	100	600	200	34
Medical Jurisprudence	400	100	100	600	200	34
Hygiene	200	100		300	150	

The Examination for Honours will be held one week after the results of the Pass Examination will have been declared by the Examiners. No candidate will be admitted to the Examination for Honours unless (1) he has been successful at the Pass Examination and (2) he has also obtained at the Pass Examination in the special subject in which he desires to take Honours, one-half of the marks allotted to each portion of the Examination, written, oral and practical, and two thirds in the aggregate

In order to obtain Honours in any branch, a candidate must obtain half the marks allotted to each portion of the Examination, written, oral and practical, and two-thirds in the aggregate

M D , M S , M O and D P.H. EXAMINATIONS

1. These Examinations shall be conducted by Boards of Examiners, consisting of three persons for each examination

The Dean of the Faculty of Medicine shall be the *ex-officio* President of each of the Boards

2 Examiners are required to be present in Calcutta during the oral and practical examinations

3. The Controller shall forward the thesis to the Dean of the Faculty of Medicine and copies to each of the three Examiners, immediately on receipt of the same, with a request to report on it, at least a month before the commencement of the Examination, calling their attention to Section 6 of the Regulations for the M D Examination, or the corresponding Section of the Regulations for the M S and M O Examinations as the case may be The thesis will be looked over by each of the examiners and will be reported on after consultation, as " not commended " " commended " or " highly commended "

4 The papers will be set by the Examiners by mutual arrangement in consultation with the Dean

The Oral, Practical and Clinical Examinations, will be similarly conducted.

5 The papers shall be delivered by the Examiners in person to the Controller or sent in a *sealed* double cover on or before a prescribe date.

No copy of any examination paper is to be retained by the Examiners.

6 No marks will be assigned either in the papers or in the Oral or Practical Examination but the Examiners will report whether the candidate has failed, passed or passed with Distinction

7 Examiners are required to keep the results of the examinations *strictly secret.*

8 Examiners will be good enough to intimate to the Controller at least a week before the day of the written Examination, when and where the Oral, Practical and Clinical Examinations are to be held The Time-Table of the Examination, showing both the time and place of the Written, Oral and Practical Examinations will be furnished by the Controller to each Examiner, each candidate and each School of the University.

9 Each Board of Examiners will meet as soon as possible after the conclusion of the Examination and submit its report to the Syndicate.

10. The Time-Table of the Examinations—

Written Examinations.*

Date	M D	M S	M O	D P H
Monday	Medicine, 1st Paper	Surgery, 1st Paper	Obstetrics, 1st Paper	Hygiene
Tuesday	,, 2nd Paper	,, 2nd Paper	,, 2nd Paper	Sanitation, etc
Wednesday	Pathology	Surgical Anatomy and Pathology	Obstetric Anatomy, Pathology, etc	Ethiology of Diseases, etc
Thursdy	Mental Disease ..	Ophthalmology	Gynæcology	Chemistry and Physics

Oral and Practical Examinations.

Date	M D Place and Hour	M S Place and Hour	M O Place and Hour	D P H Place and Hour

* In the Senate House from 10 A.M. to—P.M. each day.

(iv) ENGINEERING.

INTERMEDIATE EXAMINATION IN ENGINEERING AND B E. EXAMINATION

General Rules

The examinations shall be conducted in accordance with the following General Rules —

1 No question shall be asked which would require an expression of religious belief on the part of the candidates, and any answer or translation given by any candidate shall not be objected to on the ground of its expressing peculiarities of religious belief

2 Candidates shall give their answers in their own words as far as practicable in all subjects *This rule shall be inserted as a head note in every question paper*

3 Examiners in setting papers shall be guided as to the scope of the subjects of examination, by the syllabuses prescribed in the Regulations and as to the standard and extent of knowledge required, by the books, if any, recommended from time to time for such purpose

4 No copy of any examination paper is to be retained by the person setting it

5 The papers set should be such as candidates can reasonably be expected to answer within the time allotted The questions in each subject should be fairly distributed over the whole course in that subject, and should conform to the Regulations laid down for the particular examination, there should not be any marked change of standard from year to year, but it is not required that the same type of questions should be set every year Examiners shall always allow some choice of questions

6 Questions should be so framed as to encourage good methods of work and teaching, and to discourage unintelligent memorizing

7 The two Examiners appointed to set a paper in any subject shall be jointly responsible for the paper The paper shall be divided into two halves distinguished as the "First Half" and "Second Half" The answers to the First-half shall be looked over by one of the examiners and those to the Second Half by the other The Practical Examination shall be conducted by the two Examiners jointly.

8 The Controller shall, as soon as the results have been tabulated, prepare a list of the candidates who have failed in one group of subjects only in order to guard against any possible inaccuracy, their papers in the subjects of the group in which they have failed shall be re-examined *on the method of marking already adopted, and without any alteration of the standard.*

9. Examiners in giving marks, shall take the correctness of the language of the answers into account

10 Examiners, in giving marks, shall consider whether the answers indicate an intelligent appreciation of the subject or are merely the result of unintelligent memory work

11. In connection with all practical tests at the Intermediate and Bachelor of Engineering Examinations, candidates shall submit to the Examiners note-books duly certified by the Professor, of the practical work, done by them during the College session. The Examiners may, if they think proper, take these note-books into account when awarding marks for such practicals tests

In answering any paper, a candidate may use a slide rule, unless this has in any case been expressly forbidden by the Examiners setting the paper Candidates who wish to take advantage of this permission shall bring their own slide rule. Mathematical tables will be provided when required

12. Examiners are required to place opposite each question in their paper the full number of marks assigned to it

13. The papers should be delivered by the Examiners in person to the Controller or sent to him at the Senate House in a *sealed* double cover on or before a date to be fixed by the Syndicate

14 Rolls in which the marks awarded are to be entered in the Examiner's hand-writing will be supplied by the Controller on the day of Examination, and the answar papers duly marked should be returned to the Controller along with the completed rolls

The total number of marks must, in every case, be a whole number If the roll submitted by an Examiner contains fractional marks, it will be returned to him for correction

15 The rolls containing the results of the examination must be submitted on or before a date to be fixed by the Syndicate

16 Examiners will be good enough to retain a duplicate of the roll and bring it with them to the final meeting of Examiners for the purpose of checking the marks

17. As soon as possible after the tabulation of the results, the entire body of Examiners shall meet and draw up a report on the Examination as a whole for the considration of the Syndicate If the Examiners are of opinion that in the case of any candidate who has not attained the standard laid down in the Regulations for a pass, consideration ought to be made by reason of his high marks in a particular subject or in the aggregate, they shall make a recommendation to the Syndicate, under Section 18, Chapter XXV of the Regulations

18. As soon as possible after the publication of the results of the examination, the Examiners in each subject shall meet together and draw up a report upon the examination in that subject for the consideration of the Syndicate The report so submitted shall ordinarily embody such remarks and recommendations, suggested by the work of the candidates, as it is thought desirable in the interests of education to communicate to the Heads of Colleges

19 Examiners are required to keep the results of the examination and the marks assigned to candidates *strictly secret*.

20 Examiners will be expected to be present at the Senate House, Calcutta, during the examination in the subject for which they have been specially appointed

21 The answer papers shall be returned to the Controller as soon as the work of re-examination is over

INTERMEDIATE EXAMINATION IN ENGINEERING.

Special Rules.

The written part of the examination will be held at the Senate House, in the following order and at the time specified —

July.	From 8 A.M. to 11 A.M.	From 1 P.M. to 4 P.M.
Monday, 5th Sec A	Computation, Mensuration and Statics	Differential Calculus and Plane Geometry
Monday, 5th Sec. B.	Integral Calculus and Analytical Geometry	Dynamics and Applied Mechanics
Tuesday, 5th Sec. A.	General Physics	General Chemistry
Tuesday, 5th Sec. B.	Applied Physics	Technical Chemistry and Metallurgy
Wednesday, 7th Sec. B.	Meterials of Construction	Estimating
Thursdaay, 8th Sec B	Surveying	Drawing
Saturday, 3rd Sec. B.	Details of Construction	... .

N B —The Practical Examination in Chemistry and Physics will be held at the B E College on dates which will be notified by the Principal of that College

The practical examinations in Chemistry, Physics, Surveying and Drawing will be held at the Engineering College, Sibpur, on dates which will be duly notified. The following are the maximum marks in the different subjects of the examination —

Section A.

I. Mathematics —

1	Computations, Mensuration and Statics	300
2	Differential Calculus and Plane Geometry	300
		600

II Chemistry—

1	Theory	200
2	Practical	200
		400

III. Physics—

1.	Theory	200
2.	Practical	200
		400

Section B

IV. Mathematics—

1.	Statics, Dynamics and Applied Mechanics	300
2.	Integral Calculus and Analytical Geometry	300
		600

V	Applied Science—			
	1	Technical Chemistry and Metallurgy	Paper ...	200
	2	Ditto	Practical ...	200
	3	Applied Physics	Paper ...	200
	4	Ditto	Practical	200
				—800
VI.	Engineering—			
	1	Materials of Construction		400
	2	Details of Construction		400
	3	Estimating	..	200
				—1000
VII.	Surveying—			
	1	Theory		300
	2	Practical		300
				—600
VIII	Drawing—			
	1	Theory		300
	2	Practical		300
				—600
			GRAND TOTAL ..	5000

The pass marks shall be one-third in each group of subjects and half of the aggregate

B E EXAMINATION

SPECIAL RULES

The written part of the examination will be held in the following order and at the times specified —

B E EXAMINATION.

CIVIL ENGINEERING.

July	From 8 A M to 11 A M	From 1 P M to 4 P M
Non. Professional Section		
Monday, 5th	Mathematics, Theories	Mathematics, Application
Tuesday, 6th	Applied Physics	
Wednesday, 7th	Geology and Mineralogy	..
Professional Section		
Tuesday, 5th	..	Irrigation and Sanitary Engineering
Wednesday, 7th	Roads and Railways	Applied Mechanics
Thursday, 8th	Hydraulics	The Principles of Architectural Design
Friday, 9th	Electrical Engineering	Mechanical Engineering

The Practical Examination in Applied Physics and in Metallurgy will be held at the Bengal Engineering College on dates which will be announced by the Principal of that College

Attested Drawings and Designs must be submitted previous to the examination

The Examination in Practical Engineering Physics will be held at the Engineering College, Sibpur, on a date which will be duly notified.

A candidate may present himself for examination in any one of the three following branches —

I Civil Engineering.
II Mechanical and Electrical Engineering
III Mining Engineering.

The maximum marks in the different subjects are given below —

CIVIL ENGINEERING.

Non-Professional Section

Mathematics	1	Theories	. 250	
	2	Application	.. 350	
				600
Science	1	Geology and Mineralogy	.. 300	
	2	Applied Physics (paper)	300	
	3	Do (Practical)	. 200	
				800
Metallurgy	1	Paper (for candidates appearing in 1919 only)	200	
	2	Practical	200	
				400
		Total Non professional Section		1,800

Professional Section

Group I	1	Roads and Railways	400	
	2	Irrigation and Sanitary Engineering	400	
	3	Applied Mechanics	400	
	4	Hydraulics	400	
				1,600
Group II	1	Mechanical Engineering . .	400	
	2	Do Laboratory work	200	
	3	Electrical Engineering	400	
	4	Do Laboratory work	200	
				1,200
Group III	1	Attested Designs for Engineering work	500	
	2	Practical Drawing .	300	
	3	The Principles of Architectural Design	200	
				1,000
		Total Professional Section		3,800

MINING

Non-Professional Section, to be taken at the end of the first year

MATHEMATICS

Theories	250	
Application	350	
		600

SCIENCE

Geology and Mineralogy	300	
Applied Physics (paper)	300	
Ditto. (Practical)	200	
		800
Total Non-Professional		1,400

Professional Section

GROUP I

Applied Mechanics and Hydraulics	400	
Mining I	400	
Mining II	400	
		1,200

GROUP II.

Mechanical Engineering (paper)	400	
Ditto Laboratory work	200	
Electrical Engineering (paper)	400	
Ditto Laboratory work	200	
		1,200

GROUP III

Attested Designs for Engineering Works and Buildings	500	
Practical Drawing	300	
		800
Total Professional Section		3,200

ELECTRICAL AND MECHANICAL ENGINEERING.

Non-Professional Section, which may be taken at the end of the first year

MATHEMATICS

Theories	250	
Application	350	
		600

SCIENCE

Applied Physics (paper)	300	
Ditto (practical)	200	
		500
Total Non-Professional Section		1,100

Professional Section.

GROUP I.

Applied Mechanics and Hydraulics	400	
Electrical Engineering (common paper)	400	
Ditto (advanced)	400	
Ditto (practical work)	200	
		1,400

GROUP II.

Mechanical Engineering (common paper) ..	400	
Ditto (advanced) .	400	
Theory of Machine	400	
Mechanical Engineering (practical work)	200	
		1,400

GROUP III

Attested Designs for Engineering workshops	500	
Practical Drawing ...	300	
		800
Total Professional Section ..		3,200

The pass marks shall be one-third in each group of subjects and half of the aggregate for a Second Class Two-thirds of the aggregate shall be required for a First Class The candidate who is placed first in the First Class in each branch shall receive a gold medal and a prize of books to the value of Rs 200

APPENDIX TO SECTION XX.

SCALE OF REMUNERATION TO EXAMINERS.

MATRICULATION EXAMINATION.

	Rs	A.	P.
Fee for each of the three paper-setters in English for setting two papers ...	32	0	0
Fee for each of the two setters of passages in each vernacular .	16	0	0
Fee for each of the three paper-setters in Mathematics for setting two papers ..	32	0	0
Fee for each of the three paper-setters in each of the Second Languages for setting two papers.	32	0	0
Fee for each of the two paper-setters in Vernacular Composition, or Alternative Subject, History, Geography, Mechanics and Vernaculars taken up by female candidates as Second Languages for setting one paper in each	25	0	0
Examining an answer paper in any subject.	0	10	0

Each of the two Head Examiners' fee* in a subject where there are two papers	350	0	0
Head Examiner's fee* in a subject where there is only one paper	250	0	0

The fee for re-examining an answer paper is fixed at half the ordinary fee allowed for examining it

INTERMEDIATE IN ARTS AND SCIENCE EXAMINATIONS.

Fee for each of the three paper-setters in English for setting three papers	50	0	0
Fee for each of the three paper-setters in subjects where there are two papers	32	0	0
Fee for each of the two paper-setters in subjects where there is one paper	25	0	0
Examining an answer paper in any subject .	0	12	0
Each of the three Head Examiners' fee* in English . .	400	0	0
Each of the two Head Examiners' fee* in a subject where there are two papers	350	0	0
Head Examiner's fee* in a subject where there is only one paper	250	0	0

The fee for re-examining an answer paper is fixed at half the ordinary fee allowed for examining it

B A AND B.Sc EXAMINATIONS

	Rs.	A.	P
†Fee for setting a Pass or an Honour Paper ...	64	0	0
Chairman's Fee in B A Pass English . .	750	0	0
Head Examiner's fee* in Vernacular Composition in Bengali	250	0	0
Examining a Pass Paper .	1	0	0
Examining an Honour Paper	1	8	0
Practical Examination, either Pass or Honour, of each candidate .	3	0	0

The fee for re-examining an answer paper is fixed at half the ordinary fee allowed for examining it

M.A AND M Sc EXAMINATIONS

‡Setting a paper ..	75	0	0
Examining a paper	2	8	0
Practical Examination of each candidate	4	0	0

* The fee of Head Examiner for re-examining an answer paper is equal to the fee allowed for examining it The remuneration to be paid to a Head Examiner in any subject for the work of re-examining the answer papers is limited to the amount which will be due to him for examining 5 per cent of the papers in that subject This does not apply to the re-examination of answer papers of candidates who fail only in one subject, for which usual re-examination fee is admissible

† The total amount to be divided equally among all the members of the Board in each subject

‡ The total amount to be divided equally among all the members of the Board in each subject, unless the members of the Board agree among themselves to distribute the fees for setting the papers in a given subject in any other way which may appear to them equitable.

L.T. EXAMINATION.

Setting a paper	40	0	0
Examining a paper	1	0	0
Fee for conducting Practical Examination of each Examiner per candidate	1	8	0

B T EXAMINATION

Setting a paper	50	0	0
Examining a paper	1	0	0
Fee for conducting Practical Examination of each Examiner per candidate	2	0	0

PH.D AND D Sc EXAMINATIONS

Fee for each member of the Board	100	0	0

PRELIMINARY, INTERMEDIATE AND FINAL EXAMINATIONS IN LAW

Setting a paper	64	0	0
Examining a paper	2	0	0
„ a half paper	1	0	0

M L EXAMINATION

Setting a paper	75	0	0
Examining a paper	2	8	0

PRELIMINARY SCIENTIFIC M B EXAMINATION AND ORGANIC CHEMISTRY FOR THE FIRST M B EXAMINATION

	Rs.	A.	P.
Setting a paper	50	0	0
Setting a Practical paper	50	0	0
Examining a paper	1	8	0
Practical Examination of each candidate	2	0	0
Oral Examination of each candidate	2	0	0

FIRST M B. EXAMINATION

In a subject other than Organic Chemistry.

Setting a paper	60	0	0
Setting a Practical paper	60	0	0
Examining a paper	2	0	0
Practical Examination of each candidate	3	0	0
Oral Examination of each candidate	3	0	0

FINAL M.B. EXAMINATION

Setting a paper	80	0	0
Setting a Practical paper	80	0	0
Examining a paper	2	0	0
Practical Examination of each candidate	4	0	0
Oral Examination of each candidate	4	0	0

M.D., M.S., M.O. AND D.P.H. EXAMINATIONS

Seeting a paper	75	0	0
Examining a paper	2	8	0
Oral, Practical and Clinical Examination of each candidate	10	0	0

INTERMEDIATE EXAMINATION IN ENGINEERING

Setting a paper	48	0	0
Examining a paper	1	8	0
Practical Examination of each candidate	2	0	0

B.E. EXAMINATION

Setting a paper	64	0	0
Examining a paper	2	0	0
Examining Projects, Designs of each candidate .	25	0	0
Examining Drawing of each candidate .	25	0	0
Practical Examination of each candidate .	3	0	0

If an Examiner is appointed to look over answers to a paper or papers that he has not himself set, the fee paid to him shall not be less than half the fee paid for setting the papers.

Wherever fee is fixed for setting a paper or conducting an Examination and no special provision is otherwise made, the fee is to be equally divided amongst all the persons who take part in setting the papers or conducting the Examination

LIST OF REGISTERED GRADUATES, 1920-21,

(as stands on the 16th November, 1920).

Mr. Ataul Hakim, M A
Mr. Acharyya, Dhireschandra Vidyaratna, M A, B L
Adhya, Amulyadhan, B A
Mr Aikat, Amulyachandra, M A, B L
Bandyopadhyay, Mr Amulyachandra, M A
" " Ajitkumar, B L
" " Biharilal, M A
" " Durgacharan, M A, B L
" " Gauranganath, M A, B L
" " Haranchandra, M A, B.L
" " Kaliprasad, M Sc
" " Nagendranath, M A B L
" " Saileschandra, M A
" Dr Saratchandra, Rai Bahadur, M A, D L
" Mr. Sasisekhar, B A
" " Satyakisor, M A
" " Upendrachandra, M A, B L
Bardhan, Mr. Sarojininath, B A, L M S
Basak, " Purnachandra, B L
Basu, " Bhupendrachandra, M A B L
" " Binodbihari, B L
" Hon'ble Sir Bipinkrishna, Rai Bahadur, Kt, C I E, M.A, B L
" Mr. Bireswar, M A
" " Charuchandra, B.A, M.B.
" " Kantichandra, B L
" " Narendrachandra, B L
" " Praphullachandra, M.A
" " Sachindrakumar, B A
" " Sasibhushan, M A
" " Satyacharan, M A
" " Sureschandra, B L
" " Susilkumar, B A
Bezbaruya, Mr Lakshminath, B A
Bhanja, " Sudhindranath, B L
Bhattacharyya, Mr Bankubihari, M A
" " Gurubandhu, M A
" " Mahamahopadhyay Kaliprasanna M A
" " Matilal, M A.
" " Narendranath, B A
" " Nibaranchandra, M A
" " Padmanath Bidyabinod, M.A.
" " Surendranath, M A
Biswas, Mr. Charuchandra, M A, B L
" " Raicharan, M.A, B L
" " Saratlal, M Sc
Chakrabarti, Mr Kshitischandra, B.L
" " Madhabdas, M A.
" " Srischandra, B A.
" " Surendramohan, B A
Chunder, " Nirmalchandra, M A., B L
Chatterjee, " Joginimohan, B.A
" " P K., B.A. (Cal), B Sc. (Lon)
Chattopadhyay, Mr. Akshaykumar, M.A

Chattopadhyaya, Mr. Bibhutibhushan, M A.
" " Dinabandhu, M Sc
" " Khirodbihari, M A, B L
" " Lakshminarayan Vedasastri, M A
" " Nalinimohan, M A
" " Pankajkumar, M A., B.L
" " Rajanimohan, B A
" " Satischandra, M A
" " Sureshchandra, M A
Chaudhuri, " Gopaldas M A
" " Jnanendramohan, M A, B L
" " Kumudnath, M A
" Hon'ble Pandit Gopabandhu, B L
" Dr Harendranath M A, M D
" Mr Jagadischandra, M A
" Mr Phanindranath, M A
Datta, Mr. Aswinikumar, M A, B L
" " Bhairabchandra, B L
" " Debendrachandra, M Sc
" Dr Rasiklal, D Sc
" Mr. Sailendramohan, B L
" Sureschandra, M A
Dattagupta, Mr Aksaykumar, M A
De, Mr. Bipinbihari, M A
" " Charuchandra, B.Sc, B L
" " Purnachandra, B A
Dhar, Mr Gokulnath, B A
" " Hariram, B A
Gangopadhyay, Mr Bijaykumar, B A
" " Narendranath, B A
Ghatak, Mr Jyotischandra, M A
Ghosh, Hon'ble Rai Bahadur Debendra Chunder, B.L
" Rai Bahadur Debendranath, B A., F S S, F.R.E.S.
" Mr Jatindramohan, M.A
" " Jnanchandra, M A
" " Nirmalchandra, B L
" " Ramendranath, M A
" Sir Rashbehary, Kt, C S I, C I E M A, D L, Ph.D
" Mr S. K, M A I C S
" " Sucharubhushan, B A
" Dr Sudhamay, D Sc
Goenka, Mr Badridas, B A
Goswami, " Anantaprasad, M A
" " Raja Kisorilal, M A, B L.
Guha, " Abinaschandra, M A, B L
" " Jnanendrachandra, B L
" " Surendranath, M A, B.L
Gupta, Mr. Kshirodchandra, M.A
Jharkhandi, Pandit Somnath, B A.
Kanjilal, Mr Jogendranath, M A
" " M N, M A, LL.B
Kar, " Pramathachandra, M A.
" " Siteschandra, M A, B.L.
" " Tulsidas, M A
Law, " Satyacharan, M.A, B.L
M. A. Hafiz, Mr M A
Maulvi Abdulla Abu Sayeed, M.A

Maulvi Muhammad Irfan, M A
Maulvi Muhammad Sonaullah, M A
Maitra, Mrs Snehalata, B A
Majumdar, Mr Brajmohan, M A, B L,
" " Gokulchandra, M A, B L
" " Rai Jadunath, Bahadur, M A, B L
" " Saratchandra, M A, B L
Mallik, Mr Manoranjan, B L
Mandal, " Mathuranath M A
Mitra, " Birendranath, M A, B L
" " Haraparbati Kumar M Sc
" " Jyotischandra, M A, B L
" Dr Prabhaschandra, M A, D L,
" Mr Purnachandra, M A
" " Ramcharan, C I E, M A, B L
" " Suhritchandra, M A
Mukhopadhyay, Mr Adharchandra, M A, B L
" " Amiyanath, B A
" " Sir Asutosh, Kt, C S I
" " Asutosh, M A, B L
" " Dhirendranath, M A
" " Dhurjatiprasad, M A
" " Girindralal, M A
" " Haricharan, M A
" " Jatindramohan, B A
" " Krishnamohan, M A
" " Manmathanath, M A, B L
" " Nagendranath, B L
" " Promathanath, B L
" " Raja Pyarimohan, C S.I, M A, B L
" " Syamcharan, M A
Nabi Nowaz Khan Lodi, M A
Nahar, Mr Puranchand, M A, B L
Nandi, " Atulkrishna, B L
Niyogi, " Jitendraprasad, M A.
Palit, " Sibchandra, B L
Pradhan, " Sitanath, M Sc
Ray, " Baikunthachandra, M.A.
" " Khagendrabhushan, M A., B.L
" " Muktidaranjan, M A
" " Nibaranchandra, M A
" " Nripendranarayan, M A., B L
" " Pratapchandra, B A
" " Priyadaranjan, M A
" " Saratkumar, M A
" " Sasadhar, M A, B L
" " Sisirkumar, M A.
" " Taritbhushan B L
Raychaudhuri, Mr Hemchandra, M.A
" " Kalidas, B L
" " Suryyakanta, B A
Razaur Rapmankhan, M A
Rudra, Mr Padminibhushan, M A
Sadhu, Ray Bahadur Taraknath, B L
Saha, Mr Abinaschandra, M Sc
Saiyed Mahammad Abdullah, B A
Sanyal, Mr Durgananda, B A.

Sarbadhikari, Lt. Col Dr, Suresprasad, C I E., B A , M.D , I M S
Sammadar, Mr Jogindranath B A
Sarkar, Mr Chunilal, B E
" " Hemantakumar, B L
" " Janakinath, B A
" " Pramathanath, M A
" " Sailendranath, M A
Sen, Rai Bahadur Baikunthanath, B.L
" Mr Boshisattva, M A
" " Debendranath, M A
" Dr Jatindranath, M A , Ph D
" " Jitendranath, M A
Sen, Mr Narendranath M.A , B.Sc
" " Paresnath B A
" " Prasannakumar, B.A.
" " Satischandra, B A
Sengupta, Mr Hemchandra, M A
Shames-ul-Ulama Kamaluddin Ahmed, M A
Shaw, Mr Ramkrishna, B L
Seal, Dr. Brajendranath, M A , Ph D
Sinha, Mr Charuchandra, M A , B L
Sinha Ray, Mr. Bijayprasad, M A
Som, " Bhupendranath, M A
Srimani, " Bhringeswar, B A.
" " Charuchandra, B E
Hon'ble Nawab Sir Syed Shamsul Huda, K C I E., M.A., B L.

ADDENDA.

TEXT-BOOKS.

ARTS AND SCIENCE.

In all case where reference is made to Chapters, Sections, 2 Pages, or Lines, thus Chapters I—IX, the reference is to be understood as inclusive.

MATRICULATION EXAMINATION, 1923.

ENGLISH.

The following works are recommended to indicate the standard of knowledge to be demanded of candidates at the Matriculation Examination in 1923 —

Prose

Prose Selection for the Matriculation students (published by the University)

Defoe	Robinson Crusoe (any school edition)
Lamb	.. Tales from Shakespeare.
M A. Hamilton	. Greek Legends (Oxford Press).
Harrap	.. Stories from Old Testament.
Scott	. Readings from Waverly Novels (edited by Harinath De).
Fournier	.. Wonders of Physical Science (Macmillan).
Swift	. Gulliver's Travels (any school edition).
Tod	... Annals of Rajasthan (Mewar), abridged by C. H Payne.
Smiles	Selections by Rasamay Mitra.
Lalbehary De	Folk Tales of Bengal, Bengal Peasant-Life.
Washington Irving	... University Selections (new edition),

Arabian Nights (any school edition)

Select Readings from English History, Parts I and II, Published by the University.

Poetry.

Lahiri's Select Poems revised edition (published by the Calcutta University.

Dunn ... India in Song.

VERNACULAR COMPOSITION.

BENGALI.

(Books recommended to be read as presenting models of style.)

Iswarchandra Vidyasagar	...	Sitar Banabas
Rajanikanta Gupta	.	Beer Mahima (new abridged edition).
Chandranath Basu	..	Chandrakana.
Dineshchandra Sen	.	Muktachuri
Ramendrasundar Trivedi	...	Prakriti
Mankumari Basu		Subha Sadhana

HINDI

(Books recommended to be read as presenting models of style)

Balbharat (Indian Press, Allahabad)
Upadesha Kusumakar (excluding poetry pieces). (Khadgavilas Press, Bankipore).

URIYA

(Books recommended to be read as presenting models of style)

Mrityunjay Kavyatirtha	..	Prabandhapatha
Madhusudan Rao	...	Prabandhamala

ASSAMESE

(Books recommended to be read as presenting models of style)

Satyanath Borah	..	Sahitya-bichar.
Lakshminath Bezborah	.	Sadhu Kathar Kuki
Hemchandra Baruya	...	Pathamala.

BURMESE.

(Books recommended to be read as presenting models of style.)

Mahazanakka.
Withandaya
Temi

KHASI.

(Books recommended to be read as presenting models of style)

Ka Jingiathukhana Puriskam (Khasi Folk Tales), by U. Rabon Sing.
Book of Proverbs in Khasi (p 740 of Khasi Bible)

MODERN TIBETAN

(Books recommended to be read as presenting models of style)

Bay Chos
Namthar of Mi-la-ras-pa.

NEPALI

(Books recommended to be read as presenting models of style.)

Shri Vijnan Vilas ... "Bharatbarsako Itihas."
Matiram Bhatta . "Marina Charitra."
"Sankshipta Ramayan"

URDU

(Books recommended to be read as presenting models of style.)

Taubat-un-Nasuh, by Nazir Ahmad
Durbar-i-Akbari.
Urdu-i-Mu'alla of Ghalib.

MARATHI

(Books recommended to be read as presenting models of style)

(To be notified hereafter)

GUZRATHI

(Books recommended to be read as presenting models of style)

(To be notified hereafter.)

MAITHILI.

(Books recommended to be read as presenting models of style.)

(To be notified hereafter.)

TAMIL

(Books recommended to be read as presenting models of style.)

(To be notified hereafter.)

TELEGU

(Books recommended to be read as presenting models of style)

(To be notified hereafter)

KANARESE.

(Books recommended to be read as presenting models of style.)

(To be notified hereafter.)

MALAYALAM.

(Books recommended to be read as presenting models of style)

(To be notified hereafter)

SINHALESE.

(Books recommended to be read as presenting models of style)

(To be notified hereafter.)

MATHEMATICS.

No text-books are prescribed or recommended The subject is to be studied in accordance with the syllabus prescribed in the Regulations of the University.

SANSKRIT.

The following portions of the Calcutta University Selections —

Part I—Prose (edition of 1919)

	Pages.
Panchatantram	.. 1—3, 29—40
Hitopodesa	. ... 52—96
Vishnupuranam	. . .. 97—106

Part II—Poetry (edition of 1920).

Valmike Kabitvalabha, Rama Laksmanayoratita-pobanagamanam and Rabana Saktyahatasya Lakshmanasya Punarutthanam	. 1—8, 36—41
Dhritarashtrabilapa	... 199—209

GRAMMAR

Elementary Sanskrit Grammar by Dr G Thibaut (published by the University)

PALI

Prose

Anderson's Pali Reader	... Pages 1—43, omitting Radha Jataka, Nacca Jataka and Sussondi Jataka.

Poetry

Dipavamsa .	... Bhanavaras I—V
Khuddaka Patha	. Mangala Sutta

Grammar.

Balavatara . .	.. Edited by Dr Satischandra Vidya-bhushan and Samana Punnanada

CLASSICAL TIBETAN.

Course of Studies in Classical Tibetan Edited by Dr E. D. Ross, C I.E., Ph. D.

ARABIC.

University Selections compiled and edited by Dr. E. D. Ross, Ph. D., C.I.E, omitting pages 4—10 and 52—57.

PERSIAN.

University Selections compiled and edited by Dr. E. D. Ross, Ph.D., C.I E., for the Matriculation Examination, omitting pages 1—5 and 57—68.

GREEK.

Xenophon	...	Anabasis, Book IV.
Euripides	.	Troades
New Testament	...	... The Gospel according to St. Mark, Chapters VII—XII.

LATIN.

Cæsar ...	...	De Belle Gallico, Books IV and V.
Virgil	..	. Æneid, Book II

FRENCH.

Erkmann-Chatrian	. L'Invasion.
Racine	Athalie.

GERMAN

Prose.

Hauff	... Das Wirthshaus in spessart (Pitt Press, Macmillan)

Poetry

A book of Ballads, edited by Wilhelm Wagner (Cambridge University Press).

CLASSICAL ARMENIAN

Elishe's History of the War of the Vardanians, Parts I and II.
Elishe Vardapiet Doorian's "Course of Classical Armenian," Part I (Prose and Verse)

HEBREW

Genesis	..	1—14.
Isaiah	..	. 40—45
Psalms	.	. 1—10

Davidson's Hebrew Grammar recommended.

SYRIAC

Text.

Gospel of St Mark (Peshitto version), Chapters, V—VII
Gospel of St John (Peshitto version), Chapters VIII—XV.
St. Ephraem "On Wisdom," I-XX.

Grammar

T. H. Robinson's Syriac Grammar, Sections I—XX.

BENGALI.

(*For female candidates*)

Kasiramdas	... Mahabharat (Vanaparba) omitting Nalopakhyan (edited by Dineschandra Sen or Jogendranath Bose).

Michael Madhusudan Datta	...	Meghnadbadh, Canto IV (Sita O Sarama) with introduction by Dinanath Sanyal
Hemchandra Banerjee	...	Bharat Bhiksha, Michaeler Swargarohan
Bimala Dasgupta	...	Uttara Ramacharita
Pramathalal Sen	..	Adarsa Sahitya Sandarbha
Ramanath Saraswati	...	Aryya Jibani
Dineschandra Sen	..	Grihasri
Sasibhushan Sen	..	Premchand Roychand
Rajendranath Kanjilal		Mahabharatiya Nitikatha, Part I.
Akshaykumar Dattagupta		Sandarbha Chandrika.
Nakuleswar Vidyabhushan	.	Bengali Grammar.

ASSAMESE.

(*For female candidates*)

Text.

Satyanath Borah	...	Sarathi,
Padmanath Barua	..	Nitisiksha, Part III
Durgeswar Sarma		Anjali.

Grammar.

Any one of the following—

Loknath Sarma	. .	Assamiya Byakaran.
Hemnath Baruya	.	Assamiya Byakaran.

KHASI

(*For female candidates*)

Text.

Ka Jingiathukhana Puriskan (Khasi Folk Tales), by U Rabon Singh.
Book of Proverbs in Khasi (p 740 of Khasi Bible)

Grammar

Hints on Study of Khasi Language, By U Nissor Singh.

BURMESE.

(*For female candidates.*)

Mahazanakka and Werhandaya. (To be read as models of Burmese style. Questions will not be asked on subject matter) The examination will include—

Translation from English into Burmese.
Questions on Composition.
An Essay (headings being given)

HINDI.

(*For female candidates.*)

Samjilal Sarma	...	Balaramayana.
Tulsidas	. .	Ramayana, Sundara Kanda.

URIYA.

(For female candidates,)

Mirtyunjay Kavyatirtha ... Prabandhapatha
Madhusudhan Rao .. Prabandhamala

URDU.

(For female candidates)

Aina-i-Ibrat, Part I, by Suhrawardy Begum

Mirat-ul-Urus, by Nazir Ahmed, from pages 23 to 54 (Newal Kishore's edition).

Kitab Panchwin Hissa Nazm (published by Anjuman-i-Hemait-t] Islam, Lahore).

HISTORY.

History of India.

The following books on Indian History are recommended to indicate the standard of knowledge required —

Adharchandra Mookherjee — A short History of the Indian people (revised edition, 1910).

R. C. Dutt .. A Brief History of Ancient and Modern India brought up to date by J. N. Gupta, M A, I C.S.

Vincent A Smith .. The students' History of India.

Kaliprasanna Bandyopadhyay — Bharatbarsher Itihas (History of India in Bengali)

Nrisinhachandra Mukhopadhyay . Matriculation History of India in Bengali

Rajanikanta Gupta . Bharatbarsher Itihas (History of India in Bengali)

Yogindrachandra Chatterjee Indian Mirror.

Administration and Progress of India under British Rule

N. N. Ghosh .. England's Work in India, revised edition, 1915.

GEOGRAPHY.

The following books are recommended as indicating the methods of study as well as the standard of knowledge required —

E Marsden ... Geograpny for Senior Classes, Parts I and II.

The World with fuller treatment of India (Longmans' Geographical Series for India, Book II).

F. D Unstead — The Practical Geography, Parts I and II.

The following books are recommended for the use of teachers—

Blanford ... The Rudiments of Physical Geography for the use of Indian Schools.

Frew	.	A Regional Geography of the Indian Empire (Blackie and Son)
Wallis	.	The Teaching of Geography (Cambridge University Press)
O'Malley	.	Bengal, Bihar and Orissa, Sikkim (Macmillan & Co.).

The following book is recommended for the use of teachers in connection with the teaching of "Sand Modelling" in the lower classes of schools :—

A E Frye	The Child and Nature

Every school that intends to undertake instruction in Geography for the Matriculation Examination is required to possess the apparatus mentioned in the following list —

I—(The total cost need not exceed Rs. 65)—

1 A measuring tape]
2 A magnetic compass.
3. Squared paper and tracing paper
4. Clay, dry sand, paper pulp for modelling.
5 A globe not less than 14 inches in diameter. with writing surface, and with line of latitude and longitude, and outlines only of the land masses marked upon it
6. A map of the school locality on a scale of 4″ or 6″=1 mile
7 A map of the district in which the school is situated on the scale 1″—1 mile
8 A coloured map of the province
9 A coloured political map of India
10 A physical map of India
11. A relief map of India
12. A map of the world on Mollweide's equal area projection and a map of Asia,

It is essential that the students should be provided with atlases, or with the necessary hand-maps, and with a drawing instrument box Maps for school work should not contain too much detail, or be crowded with names.

II. The following additional equipment is recommended when it can be provided, but the lack of it is not be considered as a bar to the recognition of the school in Georaphy —

1 A thermometer.
2. A mercury barometer
3. A rain gauge
4. A small collection of typical rocks, in particular those of the province and India
5. A small museum of typical products.
6 A good standard atlas.
7. Geographical pictures
8. Magic lantern and slides

(1) The attention of teachers is requested to the raised maps of Bengal and Eastern Bengal and Assam made of paper pulp, prepared by Babu Kailaschandra Datta, Head Pandit, Habiganj Government Girls' School, Sylhet, and sold for Rs. 7 and Rs. 5, respectively

(2) Globes of all kinds are made by George Philip and Son, London, W. and A K Johnston, London, and Messrs Rudiman Johnston, London. Small hand Globes of German make can be obtained though the Indian School Supply Depot for about a rupee each.

(3) The "Comparative" series of large wall maps of the continents published by George Philip and Son is good and up to date, so also are the Orographical wall maps published by Edward Strandford Messrs. Ruddiman Johnston publish a series of smaller wall maps which include maps of India illustrating various distributions

Messrs Nelson's wall atlases are good Mr S B Chatterjee publishes District maps also ordinary and relief maps of the province.

Babu L M. Basu, the drawing master of the Dacca Collegiate School, has published good relief maps of Eastern Bengal and Assam and of India.

The Vidal-Lablche French wall maps on strong cardboard, named on one side, and the same map without names on the reverse, published by Armond Colin, Paris, are good and cheap They measure 46 inches by 39 inches and can be delivered in Calcutta for Rs 4-14 each

(4) The hand-maps, coloured to indicate relief, published by the Diagram Company, West Barnes Lane, New Malden, Survey, at one penny each, are the best of their kind

The uncoloured half-penny maps, showing river systems and a few towns, published by the same Company, are excellent for class use

The Autograph hand-maps, with hill shading in brown, published by Messrs Edward Standford, London, at one penny each, are very good, and are larger than the Diagram Company's hand maps The 15-inch map of the world on Mollweide's equal area projection is especially to be commended

(5) Wall pictures of considerable artistic merit ar published by Messrs. Edward Arnold of Leeds, Messrs Hachette of Paris and Messrs Holzel of Vienna, and Messrs Longmans Green and Company. They cost, delivered in India, from two to three rupees each

Map lantern slides and view slides especially prepared for Geography teaching are sold by the Diagram Company for two or three shillings each Mr. Bartington Smith of Darjeeling also sells good picture slides of the Himalayas at Rs. 15 per dozen

ELEMENTARY MECHANICS

The following books are recommended —

Sir Philip Magnus	Elementary Mechanics (Longmans, 1903)
A. N Sen	Elementary Mechanics .

The following list of apparatus is prescribed as indicating the approximate requirements of a recognised High School seeking to teach Elementary Mechanics for the Matriculation Examination —

Plumb-line and level
Simple lever (including brass slotted weights)
Roman steel yard
Lecture apparatus for experiments on movements
George's New Atwood's machine

Stop-watch
Glazebrook's apparatus (to demonstrate movement of a body)
Hick's Ballistic Balance
Compoud Wheel and Axle
4 Single Brass Pulleys
2 Single Brass Pulleys
2 Triple Brass Pulleys
Weston Differential Pulley Blocks (¼ ton)
16 feet of chain at 6*d* per foot.
Inclined Plane
Parallelogram of Forces apparatus
Wall Crane
Becker's New Physical Balance
Set of Gramme Weights (200 grams to 1 mgr.)
2 Composition-ivory Balls

[NOTE.—The above list is not exhaustive, and much of it might be replaced by similar forms that could probably be made far more cheaply by any clever mistry under proper supervision. In most cases, however, it will probably be found advantageous to buy such a set as indicated in the list specially for demonstration purposes, and subsequently to develop simplified duplicates, illustrating the same principles, which the boys should be given opportunity actually to experiment with on their own individual account or working in pairs.]

HYGIENE

(No text-books are prescribed. The subject is to be studied according to the syllabus.)

The schools which apply for recognition in Hygiene are expected to provide the following appliances —

		Quantity
1	Human skeleton (articulated) ...	1
2	A complete set of human bones (disarticulated).	
3	Charts —	
	(*a*) Circulatory system	
	(*b*) Respiratory system	
	(*c*) Digestive system	
	(*d*) Secretary system	
	(*e*) Nervous system.	
4.	Charts showing the different carriers of the most common infective diseases —	
	(*a*) Mosquitoes.	
	(*b*) Flies.	
	(*c*) Fleas, etc., and their life history.	
	(*d*) Common parasites—itches, etc	
5.	Charts showing the life cycles of malarial parasites in man and in the mosquitoes	
6.	Charts showing common intestinal parasites such as round worm, tape worm, thread worm, hook worm, etc	
7	Charts showing the microbes of common infective diseases:— Cholera, tuberculosis, plague, diptheria, influenza, typhoid fever, dysentery, etc., etc	

		Quantity.
8.	Magnifying lens	1
9.	Students' microscope	1
	Glass Slides	24
	Cover glasses	½ gross
10.	Four-celled Bunsen Battery	1
11	Beaker's (glass) assorted with glass covers	12
12.	Test glasses	4
13.	Test tubes (6″ × ¾″)	3 doz.
14.	Bell jars	2
15.	Bell jars with open top	1
16.	Glass flasks (assorted)	6
17.	Measure glass (8 ox)	1
18.	Measuring cylinders (500 cc.)	1
19.	Pipettes (graduated 10 cc)	2
20	Ordinary pipettes	4
21.	Watch glasses (assorted)	6
22.	Spirit lamp	1
23	Liebig's condenser	1
24	Glass stoppered phials (narrow-mouthed)—	
	4 ounces	6
	8 „	4
	16 „	2
25.	Glass stoppered (Wide-mouthed) 8 oz	6
26.	Corked phials of different sizes	2 doz
27	Centigrade thermometer (200° C)	1
28.	Fahrenheit thermometer (212° F.)	1
29	Chemical thermometer (magnified)	1
30	Burette (10 cc) with glass stop cock	1
31	Burette (25 cc. with glass stop cock	1
32.	Wall barometer	1
33	Lactometer	1
34	Porcelain capsules (with spouts) (for evaporation)	4
35	Glass funnels (assorted)	4
36.	Glass cylinders (non-graduated), 4 oz	2
	„ „ „ 8 oz.	1
	„ „ „ 16 oz	1
37.	Cylinders or bottles for collecting gases with ground glass stopper or plates	6
38.	Woulffe's bottles (16 oz. capacity)	2
39.	Wash bottles (16 oz. capacity)	1
40.	Porcelain crucible (with lid)	1
41.	Porcelain dishes (with dinner plates)	4
42.	Fire clay triangles	3
43	Glass retort (4 oz. capacity) with glass stopper	2
44	Aspirator (10 litre capacity)	1
45.	Calcium chloride tubes	1
46	Dessicator	1
47.	Pneumatic trough (glass or terracotta)	1
48.	Test tube holder	2
49.	Test tube stands (Wooden)	2
50.	Nickelled iron tongs	2
51.	Iron tripod	2
52.	Wire gauge, 4″ square	2
53.	Platinum foil, 4″ × 4″	1
54.	Platinum wire (thin)	1 yard
55.	Air pump	1
56.	Pasteur Chamberland or Berkefield filter	1

		Quantity.
57	Charts showing shallow and deep wells	
58	Copper flasks (capacity 16 oz.)	
59.	Litmus paper Books—	
	Blue	6
	Red	6
60.	Turmeric paper	2 books
61	Microscope slides showing disease germs	
62	Dieseeting box	1
63.	Students' chemical balance with grain and gramme weights	1
64	Rough scales with ounce weights	1
65.	Vaccination lancet	1
66	Glass tubes and rods (assorted), ½ lb. each	
67.	Forceps (nickelled)	2
68	Knife	1
69.	Scissors	1
70	Spatula (4″ long)	2
71	Porcelain mortar and pestle	1
72	Corks (assorted)	1 gross
73	Cork Borer	1 set
74.	Single copper waterbath (6″ diameter with rings of different sizes)	1
75	Deflagrating spoons	2
76	Kerosine stove (Primus)	1
77	Glass chimney	2
78	Mirror	1
79	Filter papers (assorted)	1 packet each
80	Burette stand with clams	1
81	Filter stand (wooden)	2
82	Blow pipe (mouth)	2
83	Files (triangular) (6″)	1
84	„ (flat) (8″)	1
85	Retort stand with rings	2
86	Indian-rubber tubing ($\frac{1}{4}$″ × $\frac{1}{8}$″) diameter	4 yards each
87	Bunsen Burner	2
88	Cork presser	1
89	Magnet (horse-shoe shaped)	1
90	Pinch cocks	3

FERMENTS

(*a*) Rennut	½ oz.
(*b*) Diastase	½ „
(*c*) Yeast	½ „
(*d*) Lactic acid ferment	½ „
(*e*) Pepsin	2 drams
(*f*) Zymin	2 „

SPECIMENS (A) FOOD.

(*a*) Different kinds of rice.

(*b*) Different kinds of *dal* (pulses).

(*c*) Different kinds of other cereals—wheat, barley, Indian corn, Indian oats, jwar, etc

(*d*) Different kinds of sugar

(*e*) Different oil-producing substances—linseed, mustard seeds, cocoa-nut, groundnut, sorgoja, mowa seeds, til, etc.

(*f*) Different kinds of starches—rice, wheat flour, barley arrowroot, sati, sago, cassora, etc

(B) ANTISEPTICS OR DISINFECTANTS

(*a*) Carbolic Acid (pure).
(*b*) Crysylic Acid
(*c*) Bleaching Powder
(*d*) Permanganate of Potassium
(*e*) Perchloride of Mercury
(*f*) Sulphur.
(*g*) Phenyle, Lysol, etc
(*h*) Charcoal
(*i*) Soap, Common and Carbolic
(*j*) Formalin
(*k*) Red Oxide of Mercury

(C) MINERALS AND CLAY.

(*a*) China Clay
(*b*) Common clay of different composition—বেলে, এঁটেল, কাঁকুরে ইত্যাদি।
(*c*) Sand.
(*d*) Gravel
(*e*) Portland Cement
(*f*) Lime-stone
(*g*) Quartz, flint rocks, etc

(D) INSECTS.

(*a*) Mosquitoes (anopheline and cubex)
(*b*) Flies (different varieties common in the country)
(*c*) Bugs
(*d*) Intestinal worms (round worm, hook worm)

(E) PRESERVED INTERNAL ORGANS.

Liver, Spleen, Lungs, Heart, Brain, Stomach, Kidneys, etc.

EXERCISE APPLIANCES.

(*a*) Dumb-bells (ordinary and grip).

(*b*) Indian Clubs.

(*c*) Developers.

(*d*) Iron balls

CHEMICALS.

	Quantity.
Acid Acetic	1 lb
Acid Boric (pulv.)	1 „
Acid Citric	4 oz.
Acid Hydrochloric	1 lb
Acid Nitric	1 „
Acid Oxalic	4 oz
Acid Sulphuric	1 lb.
Acid Tartaric	4 oz
Sodi Bicarbonate	4 „
Sodi Carbonate	1 „
Sodi Phosphate	½ „
Sodi Hydrate	1 lb.
Calcium Oxide (Lime)	1 „
Calcium Carbonate (Chalk)	1 „
Calcium Chloride	½ oz
Distilled Water	4 quart bottles
Alum	2 oz
Magnesium Sulphate	2 „
Manganese Dioxide	2 „
Potassium Iodide	½ „
Potassium Chromate	½ „
Potassium Ferrocyanide	½ „
Potassium Chloras	4 „
Potassium Bicarb	4 „
Potassium Nitrate	8 „
Potassium Permanganate	1 „
Marble	2 lbs.
Liq. Ammonia fort	1 lb.
Glycerine	4 oz.
Ammonium Chloride	1 „
Ammonium Oxalate	½ „
Ammonium Carbonate	1 „
Barium Nitrate	½ „
Ferrous Sulphate	1 „
Ferric Chloride	½ „
Granulated Zinc	4 „
Granulated Tin	1 „
Zinc Sulphate	½ „
Yellow Phosphorus	½ „
Lead Nitrate	½ „
Red Oxide of Mercury	½ „
Silver Nitrate	¼ „
Copper Sulphate	1 „
Borax	1 „

Any other chemicals may be purchased as required.

INTERMEDIATE EXAMINATION IN ARTS, 1923.

ENGLISH

Poetry.

CALCUTTA UNIVERSITY SELECTIONS.

SHAKESPEARE.

1. The Seven Ages of Man.
2. On Sleep

MILTON.

1. On His Being Arrived to the Age of 23.
2. On His Blindness.
3. Invocation to Light

GRAY.

1 Elegy written in a Country Churchyard
2 Ode on the Pleasure arising from Vicissitude
3. Ode on the Spring

GOLDSMITH

1 England and the English
2 The Village Preacher

COWPER.

1. On the Receipt of my Mother's Picture.

WORDSWORTH

1. Lines written in early Spring
2 To the Cuckoo
3 The Solitary Reaper
4 London 1802
5 "The World is too much with us"
6 Extinction of the Venetian Republic

MOORE

1 Pro Patria Mori.

BYRON

1. The Isles of Greece
2 The Ocean

SHELLEY

1. The Cloud.

KEATS

1. "To one who has been long in city pent."
2. Kosciusko.

NEWMAN.

1 "Lead kindly Light"

TENNYSON

1 A Dream of Fair Women
2 Ulysses.
3 Ode on the Death of Duke of Wellington.
4. Milton

DOYLE

1. The Loss of the Birkenhead.
2. The Red Thread of Honour

BROWNING.

1. Incident of the French Camp.
2. "All Service Ranks the Same with God"

CLOUGH.

1 'Say not the Struggle naught availeth'

LOWELL,

1 The Fatherland
2 The Heritage

MATTHEW ARNOLD

1 Saint Brandan.
2 The Forsaker Merman

CHRISTINA G ROSSETTI

1 Uphill
2. Passing Away.

ANDREW LANG.

1. Pen and Ink.
2. Scythe Song.
3. Man and the Ascidian.

R L. STEVENSON.

1. The House Beautiful
2. Requiem
3 Keepsake Mill

DAVIDSON

1 Piper, Play.
2. The Merchantman.

FRANCIS THOMPSON

1. To a Snow-flake.
2 "Go, Songs for ended is our brief, sweet play."

STEPHEN PHILLIPS.

1 The Fireman

RUPERT BROKE

1 "Blow out, you bugles, over the rich Dead"
2 "There hearts were woven of human joys and cares"
3 "If I should die, think only this of me"

Prose

CALCUTTA UNIVERSITY SELECTIONS.

H. M. KING GEORGE V

1. A Panorama of India

GOLDSMITH

1 A City Night Piece

BOSWELL

1 A Dictionary of English Language.

CARLYLE

1 On the Choice of Books

MACAULAY

1 The Trial of Warren Hastings

NEWMAN

1 The Power of Literature

2 The Character of Gentleman

THACKERAY

1. Washington Irving and Lord Macaulay.

TOLSTOY

1 Where love is there God is also.

PULSFORD

1. Be Men.

STEVENSON.

1 Yoshida-Torajiro

CONAN DOYLE

1 The Lord of Chateau Noir

FITCHETT.

1. "The Lady with the Lamp"

FROM THE "SPECTATOR."

1 The Secret of the Hills

FROM THE MODERN ESSAYS

1 "The Secret of Success"

2 "Living in the Past"

ON THE WAR.

ASQUITH.

1 German Proposals

LLOYD GEORGE

1 International Honour

WOODROW WILSON.

1 What we are fighting for

2. The Flag we follow

Selections from the Bible (published by the University), Part II

Candidates for the Intermediate Examinations in English are expected to possess only a knowledge and understanding of the prescribed pieces (both prose and poetry), questions will not be set to test their knowledge of the lives works and styles of the authors beyond what is involved in the set pieces themselves

Candidates will be expected to possess a general knowledge of the contents of the Introduction to the Bible, in so far as it relates to the New Testament

A paper will be set on Essay, Prosody and Rhetoric and some questions will be set on unseen passages from works, of the same standard of difficulty as those prescribed for the Matriculation Examination

VERNACULAR COMPOSITION

BENGALI

(Books recommended to be read as presenting models of style)

Saratchandra Sastri	..	Dakshinapatha Bhraman
Jogendranath Basu	.	Tukaram Charit
Mozammal Haque		Maharshi Mansur
Ramendrasundar Trivedi	.	Charita Katha.
Saratchandra Vidyaratna	..	Bhishma
Jagadananda Ray	.	Graha Nakshatra.

HINDI

(Books recommended to be read as presenting models of style)

Harischandra	..	Charitavali
Pratapnarynn Misra	...	Sangit Shakuntal
Gadadhar Singha		Kad mbari
Lala Sitaram	.	Nitibatika.

ASSAMESE.

(Books recommended to be read as presenting models of style)

Hemchandra Barooah		Kathamala
Satyanath Borah	...	Sarathi
Rajanikanta Bardolai	...	Manomali
Hemchandra Goswami		Assamese Language
Padmanath Barooah	..	Nitisiksha, Part III.

KHASI.

(Books recommended to be read as presenting models of style)

Ka Kitab Niam-Khein Ki Khasi (a book on the religious and social systems of the Khasi people), by U Rabon Singh

The Book of Job
The Pilgrim's Progress
Ka Kitab Jing Phawar, by U Rabon Singh

BURMESE.

(Books recommended to be read as presenting models of style)

Maha-Janaka Jataka Vathu
Vedura-Jataka Vathu.
Sandakumara Jataka Vathu.
U Ponya Myttazza.
Mahalankara Vathu
Thamane Gyaw Loba Vathu

NEPALI.

(Books recommended to be read as presenting models of style)

Durga Debi ... . "Ansuya Sita Sanbad"
"Sankshipta Bharata"

URIYA.

(Books recommended to be read as presenting models of style)

Charupath, Part III, translated by Bichhanda Patnaik

Ramsankar Ray . Bibasini
Sasibhusan Ray . Dakshinatya Bhraman

Adiparba of Mahabharata (Anukramanika and Parbasangrahadhyay), translated by Govindachandra Mahapatra

MARATHI.

(Books recommended to be read as presenting models of style.)

(To be notified hereafter)

GUZRATHI

(Books recommended to be read as presenting models of style.)

(To be notified hereafter)

MAITHILI

(*Books recommended to be read as presenting models of style*)

(To be notified hereafter)

MODERN TIBETAN

(*Books recommended to be read as presenting models of style.*)

(To be notified hereafter)

TAMIL.

(*Books recommended to be read as presenting models of style.*)

(To be notified hereafter)

TELUGU.

(*Books recommended to be read as presenting models of style*)

(To be notified hereafter)

KANARESE

(*Books recommended to be read as presenting models of style*)

(To be notified hereafter)

MALAYALAM

(*Books recommended to be read as presenting models of style.*)

(To be notified hereafter)

SINHALESE

(*Books recommended to be read as presenting models of style*)

(To be notified hereafter)

URDU.

(*Books recommended to be read as presenting models of style.*)

Al Mamun by Shibli.
Firdausi Basin.
Hyat-i-Sa'adi by Hali.
Musaddas-i-Hali.

BENGALI

(*For female candidates*)

Krittibas	..	Ramayan, Ajodhya Kanda.
Kasiram Das	...	Mahabharat (Nalopakhyan).
Michael Madhusudan Datta.	...	Chaturdaspadi Kabitabali, edited by Dinanath Sanyal.
Nabinchandra Sen	.	Prabhas.
Rabindranath Tagore	.	Geetanjali.

Rajkrishna Banerjee	...	Telemachus
Bhudeb Mookerjee	...	Paribarik Prabandha
Chandranath Basu		Sabitritattwa (abridged edition).
Gooroo Das Banerjee	...	Jnan O Karma.
Sibnath Sastri		Ramtanu Lahiri
Isanchandra Ghosh		Jatak, Vol I (Nos 1-25 and Introduction)

HINDI.

(For female candidates)

Harischandra	...	Charitavali
Pratapnarayan Misra	...	Sangit Sakuntal
Lala Sitaram	...	Nitibatika.

ASSAMESE

(For female candidates)

Mahabharat (Vanaparba), selected pieces published by Sibnath Bhattacharyya
Nitisiksha, Part III by Padmanath Barua
Sakuntala (translation), by Lambodar Bora

KHASI

(For female candidates)

Prose

Ka Kitab Niam Khei Ki Khasi (a book on the religion and social system of the Khasi people), by U. Rabon Singh

Book of Job (in Khāsi, page 620 of Khasi Bible), or Pilgrim's Progress in Khasi.

Verse

Ka Jingsneng Tymmen, Part I U Radhan Singh Berry (sayings of the Ancients).

Ka Jingsneng Tymmen, Part II. U Radhan Singh Berry (sayings of the Ancients)

URDU

(For female candidates.)

Taubut-ub-Nasub	.	First three fasls.
Musaddas-i-Hali		Whole

SECOND LANGUAGES.

SANSKRIT.

Poetry.

Raghuvansa	...	Cantos XIII and XIV with Mallinatha's commentary.
Bhattikavyam	...	Cantos I and II.

Prose

University Sanskrit Selections—Mahabharatam, pages 2—10 and 54—60, (edition of 1916,

Dasakumaracharitam, pages 61—80

GRAMMAR RECOMMENDED

Elementary Sanskrit Grammar, by Dr G. Thibaut (published by the University)

Panini Parisishtha Byakarana, by Debendrakumar Vidyaratna (for reference only).

PALI

Anderson's Pali Reader

The course also includes a knowledge of Pali Grammar of higher standard than that required at the Matriculation Examination

GRAMMAR RECOMMENDED

E. Muller ... Pali Grammar.

or

Satishchandra Vidyabhushan Kaccayana

ARABIC

University Selections compiled and edited by Dr E D Ross, Ph D, C I E, (the whole).

PERSIAN

University Selections compiled and edited by Dr E. D. Ross, Ph D, C.I.E, omitting pages 1—11 and 62—76

HEBREW

Genesis ... 15—37
Isaiah 1—16
Psalms ... 40—56
The Book of Ruth.

SYRIAC.

Paper I—Biblical (Peshitto version)—

The Book of Acts ... Ch. I—XX.
Psalms ... Ch. I—XXV.

Paper II—Non-Biblical—

Bar-Hebraeus .. Nomo-Canon, Ch. VIII. Sec. I—V.
St. Ignatius—

(i) Epistle to Polycarp.
(ii) Epistle to the Ephesians.
(iii) Epistle to the Romans.

GRAMMAR.

Robinson's Syriac Grammar (whole)

GREEK

Plutarch	.	Pericles
Plato	.	Laches
Sophocles	.	Antigone

LATIN

Cicero		Pro Murena
Livy		Book I
Horace	..	Odes, I and II

FRENCH

Michaud		Histoire de la Premèire Croisade, edited by A V Houghton (Macmillan & Co).
H E. Berthon	.	Specimens of Modern French Verse, Part II (Macmillan & Co)
George Sand	.	La Petite Fadette (Blackie)

GERMAN

Theodor Fontan		Vor Dem Sturm (Macmillan & Co).
Schiller		Selections from Lyrical Poems edited by Turner and Morshead (Macmillan & Co.)
Schiller	..	Wilhelm Tell

The course also includes German Grammar

CLASSICAL ARMENIAN.

Prose

Moses of Khoren's History of Armenia, Part II

Poetry

Elishe Vardapiet Doorian's Course of Classical Armenian, Part II.

The course also includes Armenian Grammar, of which a fuller knowledge will be required than at the Matriculation Examination

HISTORY.

Paper I—History of England

G T Warner and C H. K. Martin	.	The Groundwork of British History.
Gardiner		Students' History of England

Paper II—Greece and Rome.

Bury	...	History of Greece for Beginners (*N. B.*)—This Book comes down only to 322 B C.
Smith	..	Smaller History of Greece, revised by Marindin
Smith	.	Smaller History of Rome, revised by Greenidge
Merivale and Puller *or* A. J. Grant	. ...	School History of Rome (only the portion from Actium to the end) A History of Europe, pp 131—210.

LOGIC.

The subject of logic is to be studied as defined by the Syllabus Students are recommended to use one or more of the following books, or select portions thereof, with special reference to the course laid down in the Syllabus —

Carveth Read,	...	Logic, Deductive and Inductive.
Bain		Logic Deductive and Inductive
Mitra, A. C.	.	Principles of Logic, Deductive and Inductive
P K Ray	...	Deductive and Inductive Logic
Prakashchandra Sinha	.	Tarka-Vijnan
R. R Thomas	...	Students' Logic (Deductive)

Preparatory Reading—Students are advised to read—

Creighton	Introductory Logic, Parts I and II
Jevons	Elementary Lessons in Logic.

before joining the regular class

The following books are recommended for the guidance of teachers and for advanced reading —

Hamilton		Lectures on Logic.
Mill		System of Logic
Jevons	.	Principles of Science
Joseph	. .	Logic
Bosanquet		Logic
Sigwart		Logic
Ueberweg		System of Logic and History of Logical Doctrines
Venn		Empirical Logic
Keynes		Formal Logic
Westaway	...	Scientific Method Its Philosophy and Practice
Welton ...	.	Logic, Vols I and II
Encyclopædia of the Philosopical Sciences	.	Volume on Logic
Lotze		Logic.
Croce	...	Logic as the Science of Pure Concept.
Hobhouse	...	Theory of Knowledge

MATHEMATICS

No text-books are prescribed The subject is to be taught in accordance with the syllabus prescribed in the Regulations

The following books are recommended —

Ashutosh Mukhopadhyaya	...	Geometry of Conics
Jessop and Havelock	..	Elementary Mechanics
D N. Mallik	..	Elementary Dynamics.
Loney	..	Elements of Statics and Dynamics
Turner and Bose	..	Intermediate Mechanics

GEOGRAPHY.

The following books are recommended to be used by the students in studying the subject in accordance with the syllabus prescribed in the Regulations :—

A J Herbertson	The Oxford Geographies, Vol. III
H R. Mill	The Realm of Nature
	or
Tarr	Physical Geography.
Simons and Richardson ..	Introduction to Practical Geography
W A Elderton	Maps and Map-drawing.
Fanthorpe	Physical Atlas and Map-drawing
Blandford	Rudiments of Physical Geography for the use of Indian Schools.
Bartholomew (with introduction by Lyde).	Economical Atlas (Oxford University Press).

CHEMISTRY.

Perkin and Lean	Introduction to the Study of Chemistry.
P C Ray .	Elementary Inorganic Chemistry.
P. C. Ray .	Practical Inorganic Chemistry
Haridas Saha and Kumudnath Chaudhuri	A Course of Practical Chemistry for Intermediate Students
D N Mookerjee	Elements of Inorganic Chemistry.
Donnington	A Class book of Chemistry (Parts I-IV), Macmillan & Co.

PHYSICS

Aldous	Elementary Course of Physics.
Rajanikanta De	Introduction to the Study of Sound
Glazebrooke . .	Heat
Glazebrooke	Light
Hadley	Elementary Electricity and Magnetism.
Watson	Elementary Practical Physics

PHYSIOLOGY

Hill .	Manual of Human Physiology
Huxley	Lessons in Elementary Physiology (latest edition)

BOTANY

K Ranga Achari .	Manual of Elementary Botany for India.
Bailey, L H .	Botany, an Elementary Text for Schools (New York, 1901)
Darwin, F	Elements of Botany (Cambridge, latest edition)
Fyson, P. F ..	A Botany for India.
Woodhead .	The Study of Plants

Candidates, who take up Botany, will be required to possess a special knowledge of the following Natural Orders of Plants —

(1) Cruciferae	(7) Solabaceae
(2) Malvaceae	(8) Acanthaceae
(3) Leguminosae	(9) Euphorbiaceae.
(4) Cucurbitaceae.	(10) Liliaceae
(5) Asclepiadaceae	(11) Scitaminaceae
(6) Compositae	(12) Graminaceae.

At the Intermediate Examinations in Arts and Science, a study of the outline of the life history of the following "Selected Plants" is required to illustrate the gradual ascent in complexity of structure and reproductive cycle from the owest fungi and algae to the phanerogams —

1 Yeast
2. Mucor or Euroteum.
3. Spirogyra
4 A Moss.
5 A Fern
6 Selaginella.
7 A Conifer.
8 A Monocotoledon.
9. A Dicotyledon

ZOOLOGY.

J. Arthus Thomson	.. Outlines of Zoology (such portions as are required by the Syllabus)
R E. Lloyd	.. Introduction to Biology for students in India.
Marshall	... The Frog

GEOLOGY.

No text-books are prescribed or recommended The subject is to be studied with the help of the Syllabus prescribed in the Regulations.

INTERMEDIATE EXAMINATION IN SCIENCE, 1923.

ENGLISH

Same as for the Intermediate Examination in Arts.

BENGALI

(Books recommended to be read as presenting models of style).

Kaliprasanna Ghosh	Nibhrita Chinta.
Sasibhusan Sen	... Karmakshetra.
Haranchandra Rakshit	Sahityāsadhana
Abdul Jabbar	.. Debi Rabia.
Bankimchandra Chatterjee	... Kapalakundala.
Jogeschandra Ray	. Kshudra O Brihat.

HINDI

(Books recommended to be read as presenting models of style.)

Same as for the Intermediate Examination in Arts.

ASSAMESE

(Books recommended to be read as presenting models of style)

Same as for the Intermediate Examination in Arts.

KHASI.

(*Books recommended to be read as presenting models of style.*)

Same as for the Intermediate Examination in Arts.

BURMESE

(*Books recommended to be read as presenting models of style*)

Same as for the Intermediate Examination in Arts

URIYA.

(*Books recommended to be read as presenting models of style.*)

Same as for the Intermediate Examination in Arts

NEPALI

(*Books recommended to be read as presenting models of style*)

Same as for the Intermediate Examination in Arts

URDU

(*Books recommended to be read as presenting models of style*)

Same as for the Intermediate Examination in Arts.

MARATHI, GUZRATHI, MAITHILI, MODERN TIBETAN, TAMIL, TELUGU, KANARESE, MALAYALAM, SINHALESE.

(*Books recommended to be read as presenting models of style. To be notified hereafter.*)

(Same as for the Intermediate Examination in Arts.)

MATHEMATICS

Same as for the Intermediate Examination in Arts.

GEOGRAPHY.

Same as for the Intermediate Examination in Arts

PHYSICS

Same as for the Intermediate Examination in Arts.

CHEMISTRY

Same as for the Intermediate Examination in Arts.

PHYSIOLOGY.

Same as for the Intermediate Examination in Arts.

BOTANY

Same as for the Intermediate Examination in Arts

ZOOLOGY

Same as for the Intermediate Examination in Arts.

GEOLOGY.

Same as for the Intermediate Examination in Arts

B A. EXAMINATION, 1923

ENGLISH

Pass Course

Shakespeare	...	Comedy of Errors (text as in the edition by Prof J C Scrimgeour, (Calcutta University Press) Othello.
Palgrave	...	Golden Treasury of Songs and Lyrics, Book IV. (Oxford University Press)
Burke	...	Speech on American Taxation.

Modern Thought (published by the University)

Selections from the Bible (published by the University), Part IV. pp 38-71, 90-104 and 121-134.

Candidates will be expected to possess a general knowledge of the contents of the introduction to the Bible, in so far as it relates to the New Testament.

(*Honours Course*)

(In addition to the books prescribed for the Pass Course)

Shakespeare	.	Richard III
Matthew Arnold	..	Merope
Sophocles	..	Electra (Tr. Whitelaw), Edited by J C. Collins (Oxford University Press)
Palgrave		Golden Treasury of Songs and Lyrics—Additional Poems (Tennyson, Matthew Arnold, Swinburne, E. B, Browing and Robert Browning only) (Oxford University Press).
DeQuincey	.	The English Mail Coach
Materlinck		Buried Temple (essays on Mystery of Justice, Past and Luck).

The following books are recommended for the study of the Philology of the English Language and the History of English Literature.—

Trench	...	Study of Words (edited by Mayhew).
Bradley	...	Making of English.
Long	...	English Literature (Ginn & Co.)

The following books are prescribed for candidates who take up the alternative paper in English —

Matthew Arnold	Essays in Criticism, Second Series (Essays I-VII only).
Ruskin	Sesame and Lilies (Three Lectures).

VERNACULAR COMPOSITION.

BENGALI

(Books recommended to be read as presenting ideals of character and models of style)

Rabindranath Tagore	Prachin Sahitya
Chandicharan Banerjee	Life of Vidyasagar
Rajendranath Vidyabhushan	Srikantha

HINDI.

(Books recommended to be read as presenting ideals of character and models of style)

Harischandra	Satya Harischandra
Lakshman Sinha	Sakuntala
Mayasankar Dube	Swapna Vasabdatta.

ASSAMESE

(Books recommended to be read as presenting ideals of character and models of style)

Gunabhiram Barooah	Life of Anandaram Dhekeil Phukan.
Lambodar Borah	Sakuntala
Lakshinath Bezbaruya	Padamkumari.

BURMESE.

(Books recommended to be read as presenting ideals of character and models of style)

Buridat Zat, Narada Zat	Zinatthapakathani

NEPALI

(Books recommended to be read as presenting ideals of character and models of style)

Harihar Acharyya	Sakuntalopakhyan. Bidulaputra Sambad

URIYA

(Books recommended to be read as presenting ideals of character and models of style.)

Radhanath Ray	Mahajatra, Cantos I—IV.
Raghuvansa translated by Bichhanda Patnaik	

URDU.

(*Books recommended to be read as presenting ideals of character and models of style*)

Nairang-i-Khayal by Azad.
Ibn-ul-Waqt by Nazir Ahmad
Selections from Urdu by Jalaluddin Ahmad Ja'fari.

MARATHI.

(*Books recommended to be read as presenting ideals of character and models of style*)

(To be notified hereafter.)

GUZRATHI.

(*Books recommended to be read as presenting ideals of character and models of style*)

(To be notified hereafter.)

MAITHILI

(*Books recommended to be read as presenting ideals of character and models of style*)

(To be notified hereafter)

MODERN TIBETAN.

(*Books recommended to be read as presenting ideals of character and models of style*)

(To be notified hereafter)

KHASI.

(*Books recommended to be read as presenting ideals of character and models of style.*)

(To be notified hereafter.)

TAMIL.

(*Books recommended to be read as presenting ideals of character and models of style*)

(To be notified hereafter)

TELUGU

(*Books recommended to be read as presenting ideals of character and models of style.*)

(To be notified hereafter.)

KANARESE.

(*Books recommended to be read as presenting ideals of character and models of style*)

(To be notified hereafter.)

MALAYALAM.

(*Books recommended to be read as presenting ideals of character and models of style*)

(To be notified hereafter.)

SINHALESE

(*Books recommended to be read as presenting ideals of character and models of seyle.*)

(To be notified hereafter.)

SANSKRIT

(*Pass Course*)

Paper I

Manusamhita — Chapters I and II, with Kulluka's commentary.
Sisupalbadha .. Cantos I and II, with Mallinatha's commentary

Paper II.

Abhijnanasakuntalam
Ratnavali

Paper III

Macdonell ... History of Sanskrit Literature (omitting Chapters II-IX)

Panini Primer by Devendrakumar Vidyaratna (for reference only.)

(*Honours Course.*)

(In addition to the books prescribed for the Pass Course.)

Paper IV

Bhattikavyam . Cantos XII and XIII.
Kadambari . Pages 1-24 (Bombay edition).

Paper V

Vedic Reader for Students—by Macdonell—Pages 1-92, 134-141 together with the commentary of Sayana thereon.

Students are recommended to consult Macdonell's Vedic Grammar for students

Weber . History of Sanskrit Literature (Tran. Mann and Zachariae, Pages 1-171).

Paper VI

Siddhanta Kaumudi—Karaka and Samasa.
Dandi—Kavyadarsa.
Sahitya Darpan, Chapter VI.

PALI

(Pass Course)

Poetry

Dhammapada	... Khuddakapatha

Prose.

Milinda-panha (Trenckner's edition)	Pages 1-126
Dhammapada-Attha-Katha, Vol. I.	(Edited by Mr Norman in the P. T. S.)

Grammar.

Rupasddhi (Rangoon or Colombo edition).
Keilhorn's Sanskrit Grammar

Comparative Philology.

Syce	Principles of Comparative Philology (omitting the appendices).
Satischandra Vidyabhushana	Grimm's Law

(Honours Course)

(In addition to the books prescribed for the Pass Course.)

Mahavamsa	... Chapters 1-5
Dighanikaya	Mahagovinda Sutta, Mahaparinirbana Sutta
Rhys Davids	Buddhist India

ARABIC.

(Pass Course.)

Selections in Arabic compiled by Shams-ul-Ulama Ahmad and Shams-ul-Ulama Mirza Ashraf Ali and prescribed for the B A Pass Examination in 1910-11, Parts I and II, omitting pages 21-33 of the Poetry Selections

Grammar.

Arabic Grammar according to Modern Method, to be published by the University

(Honours Course)

In addition to the books prescribed for the Pass Course
University Selections compiled and edited by Shams-ul-Ulama Ahmad and Shams-ul-Ulama Abu Nasr Muhammad Waheed, M A, omitting pages 85-94.

The Honours Course in Arabic also includes the elements of Arabic Prosody and Rhetoric the Outlines of Mahomedan History down to the fall of the Abbasid Caliphate, and a general knowledge of the History of Arabic Literature.

PERSIAN

(Pass Course)

Persian Selections compiled by Shams-ul-Ulama Ahmad and Shams-ul-Ulama Mirzā Ashraf Ali, omitting the following portion —Arabic Selections, pages 1-51

The Pass Course includes the elements of Persian Prosody and Rhetoric

(Honours Course)

(In addition to the pieces selected for the Pass Course,)

The Honours Persian Course compiled by Lieutenant-Colonel D C Phillot, I A , omitting pages 38-64, 76-91, and 167-203

The Honours Course includes the Outlines of Mahomedan History in so far as it relates to Persia, Central Asia and India, and the History of Persian Literature

CLASSICAL ARMENIAN

(Pass Course)

Poetry

Bagratoonie's translation of Paradise Lost Books IX, X, XI and XII

Prose

Agathangalo's History, Parts I and III
Moses of Khoren's History

The course includes the History of Armenia

(Honours Course)

(In addition to the books prescribed for the Pass Course)

Poetry

Bagratoonie's Haik Dientsazn, Books I, II III, IV and V

Prose

John Catholicas Elishe

The course includes the History of Armenian Literature and the Elements of Armenian Philology

GREEK

(Pass Course)

Homer	Iliad, Book XXII
Aeschylus	Prometheus Vinctus
Plato	Crito, and Phaedo, Chapters 57-67 (Macmillan)
Demosthenes	De Corona

(*Honours Course*)

(In addition to the books prescribed for the Pass Course)

Aristophanes	Frogs
Thucydides	Book I
Herodotus	Book I, Chapters, 1-94

PERMANENT SUBJECTS

The following books may be consulted —

Philology of the Greek Language—

Giles	Comparative Philology

History of Classical Greek Literature—

Murray	Greek Literature.

LATIN

(*Pass Course*)

Cicero	Second Philippic
Livy	Book II
Virgil	Æneid, Books VIII and IX
Horace	Epistles, Book I

(*Honours Course*)

(In addition to the books prescribed for the Pass Course)

Lucretius	Book I.
Tacitus	Historiæ Book I
Pliny	Selected Letters, Books I and II (Macmillan)

Catullus' Poems, edited by F P Simpson (Macmillan & Co)

PERMANENT SUBJECTS

The following books may be consulted —

Philology of the Latin Language—

Lindsay	Historical Latin Grammar.
History of Latin Literature to the end of the Augustan Period	
Mackail	Latin Literature

FRENCH

(*Pass Course*)

Lamartine	Le Tailleur de Pierres de saint-point (Macmillan)
Thierry	Letters sur L'Histoire de France, edited by Masson and Prothero
Berthon	Specimens of Modern French Verse, Part I.
Victor Hugo	Hernani

The course also includes French Grammar and the outlines of French History.

(*Honours Course*)

(In addition to the books prescribed for the Pass Course)

Corneille	..	Cinna
Molière	..	L'Avare (Blackie)
Michelet		Louis XI et Charles Le Te me raire edited by E Renault (Clarendon Press)

The course also includes French Grammar and the outlines of French History and also the elements of French Philology and the history of a selected period of French Literature

Grammar recommended—

V de Vivas	Grammaire des Grammaires

Text-books in French Philology recommended—

Darmesteter	Historical French Grammar
Brachet	Grammaire Historique de la Langu Francaise

The period of French Literature selected for 1923 is the Seventeenth Century

GERMAN

(*Pass Course*)

Heinrich Von Kleist	..	Michael Kohlhaas
Schiller	.	Die Piccolomini and Wallenstein's Tod.
Schiller	.	Geschichte des Dreissigjahrigen Kriegs, Book III (Pitt-Press)

The course includes, in addition to the prescribed Texts, Grammar and the outlines of German History

(*Honours Course*)

(In addition to the books prescribed for the Pass Course.)

Goethe	.	Iphigenie auf Tauris
Lessing	.	Nathan der Weise
Paul Heyse	..	Kinder der Welt

The course includes, in addition to the prescribed Texts, Grammar and the outlines of German History, and also the elements of German Philology and the History of a selected period of German Literature

Grammar recommended—

J. Wright .	Historical German Grammar.

(The period selected for 1923 is 1750—1882)

HEBREW

(*Pass Course*)

Judges and I Samuel

Psalms		72-112.
Proverbs	..	1-20

(*Honours Course,*)

(In addition to the books prescribed for the Pass Course)

Two of the minor prophets, viz, Amos and Hosea

N B—Dr Ginsburg's edition for British and Foreign Bible Association recommended

SYRIAC

(*Pass Course*)

Paper I

The book of Leviticus (the Peshitto Version)
The Epistle to the Hebrews (the Peshitto Version.)

Paper II

Mar Ephrem . .. The Epistle to Montanos (Opera selecta Overbek)
The Liturgy of S James
The book of the Dead

Paper III

Wright ... History of Syriac Literature

Recommended—

Naldeke ... Compendious Syriac Grammar

(*Honours Course*)

(In addition to the books recommended for the Pass Course)

Paper IV

Philexinos of Mabbogh Discourses on Poverty (Royal Society of Literature)

Chronicles of Bar-Hepraeus (Kernstein's Chrestomathie)

Paper V

Select Narratives of Holy Women Eugenia (Studia Sinaitica, No *IV*)
Eusebius ... Ecclesiastical History, Books I-III (Wright and McLean)

Paper VI

A Fortescue The Orthodox Eastern church
A Fortescue The Lesser Eastern Churches

HISTORY

(*Pass Course*)

Paper I

Thatcher & Schwill ... Modern Europe (The Modern Period)
Lord Action .. Lectures on Modern History.
A. J Grant A History of Europe, Part III

Paper II

Period—The Age of Elizabeth—

(*i*) Green's History of the English People, Book VI, Chapters III—VII

(*ii*) The Age of Elizabeth, by Creighton (Epochs of Modern History Series)

(*iii*) Elizabeth (Twelve English Statesmen Series) by Beesly

(*iv*) J R Seeley— Growth of the British Policy (The portions relating to an Elizabeth Age)

Paper III

Vincent Smith	Oxford History of India, omitting Chapter. 3, Book IX
Havell	The History of Aryan Rule in India

Honours Course

(In addition to the books prescribed for the Pass Course)

Paper I

Hazen	Modern European History
Hearnshaw	Main Currents of European History

Paper II

Cambridge Modern History ...	Volume III, Chapter 2

Paper III

Bhandarkar	Carmichael Lectures.

Paper IV

Period from 479–404 B C.—

Bury	History of Greece
Grote	History of Greece

Paper V

Period from 164—146 B. C —

Shuckburg	History of Rome
Mommsen	History of Rome, translated by Dickson

Paper VI

Hallam	Europe during the Middle Ages
Myers	History of Middle Ages

ECONOMICS AND POLITICAL PHILOSOPHY.

(*Pass Course*)

Paper I

Seligman	Elements of Political Economics
Marshall	Economics of Industry

Paper II.

Woodrow Wilson .. The State (Edited 1919, Chapters I-V, XXI, XXII and the constitutions of England, France, United States and Germany)

Report on Indian Constitutional Reforms (1918), Chapters II-V

Paper III.

Dr P Banerjee — Study of Indian Economics
Mr. P Mookerjee ... Co-operative Movement in India, Land Revenue Administration (Calcutta University Publication).
Dr Radhakamal Mookerjee — Foundations of Indian Economics (Omitting Chapters I-III, VIII, X, XI, XIII-XIV, XVI-XIX of Book II)

(Honours Course)

Paper I

(In addition to the books prescribed for the Pass Course)

Withers .. Meaning of Money

Paper II

(In addition to the books prescribed for the Pass Course.)

J S Mackenzie — Outlines of Social Philosophy

Paper III

(In addition to the books prescribed for the Pass Course.)

V. G Kale ... Indian Economics
Mr G. Findlay Shirras — Indian Finance and Banking.

Paper IV.

Taussig .. Principles of Economics
Marshall — Economics of Industry

Paper V

Aristotle — Politics
Hobbes . Leviathan

Paper VI

Essays

The following books are recommended for the guidance of teachers —

Mill ... Political Economy
Nicholson . Principles of Political Economy
Sidgwick — Development of European Polity
Marshall. . Principles of Economics
Green ... Principles of Political Obligation
Pollock — Introduction to the History of the Science of Politics

Ranade	Essays on Indian Economics
Moreland	Introduction to Economics for Indian Students
Baden-Powell	Land Systems of British India, 3 vols
Illbert	Mechanism of Law Making
Das Gupta	India in the Seventeenth Century.
Loveday	Famines in India

Fifth Report of the Select Committee of the House of Commons, 1812 (Extracts and Documents published by the Calcutta University)

Field	Introduction to Bengal Regulations.
R C Dutt	Indian in the Victorian Age
R C Dutt	The Economic History of India under early British Rule
R. C Dutt	Famines in India
Bryce	American Commonwealth, (Revised edition)
Strachey	India
A Lawrence Lowell	Governments and Parties in Continental Europe (2 vols) (Longmans, Green and Co.)
J A R Marriott	English Political Institutions
Palgrave	Dictionary of Political Economy
Barker	Political Thoughts of Plato and Aristotle
Wolff	Co-operation in Agriculture
Nicholson	Report on Agricultural Banks

Review of Trade of India, 1913-14
Currency Commission's Report, 1893
Currency Committee's Report, 1898
Report of the Royal Commission on Currency and Finance, 1914
Fifth Decennial Report on Moral and Material Progress, 1913
Report of the Irrigation Commission, 1903
Reports of the Famine Commission, 1898 and 1901

Keatinge	Rural Economy in the Bombay Deccan
Temperley	Senates and Upper Chambers
Robertson	Report on Railway Administration
Williams	The Economics of Railway Transport.
Report of the Indian Industrial Commission	
C J Hamilton	Trade Relations between England and India
Radhakamal Mukerjee	Foundations of Indian Economics
Lewis Campbell	Plato's Republic
Crum Robertson	Hobbes
J C Jack	The Economic Life of a Bengal District.
J Q Dealy	Development of the State
F D Ascoli	Early Revenue Administration in Bengal
Review of Trade of India, 1914-15 to 1918-19	
R B Ewbank	Indian Co-operative Studies

MENTAL AND MORAL PHILOSOPHY

The following books are recommended to be used in studying the subject of Mental and Moral Philosophy as defined by the Syllabus —

PSYCHOLOGY

(Pass and Honours)

Hoffding	Outlines of Psychology
Wundt	Human and Animal Psychology

Stout	Manual of Psychology
James	Text-Book of Psychology
Stephen	Elements of Analytical Psychology (Third Edition)
Sully	Outlines of Psychology
Mitra, A C	Elements of Psychology (2 Vols)
Angell	Psychology

Preparatory Reading Students are advised to read—

Titchener	Primer of Psychology
Saratchandra Brahmachari	Vyavaharik Manobijnan (Practical Psychology)
McDougall	Psychology (Home University Library).

before joining the regular class

ETHICS

(Pass and Honours)

Seth	Study of Ethical Principles
Martineau	Types of Ethical Theory
Mackenzie	Manual of Ethics
Mitra, A C	Elements of Morals

Preparatory Reading Students are advised to read—

Muirhead	Elements of Ethics
Mohitchandra Sen	Elements of Moral Philosophy

before joining the regular class

GENERAL PHILOSOPHY

(Pass and Honours)

Lossky	Intuitive Basis of Knowledge
Marvin	Introduction to Philosophy
Paulsen	Ditto
Watson	An outline of Philosophy
Westaway	Science and Theology (omitting Chapters IV, V, VII and XII)

Preparatory Reading Students are advised to read—

Croom Robertson	Elements of General Philosophy
Stephen	Problems of Metaphysics.
P B Chatterjee	Outlines of General Philosophy

before joining the regular class

NATURAL THEOLOGY

(Honours)

Martineau	Study of Religion
Flint	Antitheistic Theories
Fraser	Philosophy of Theism.
Pringle Pattison	Idea of God

Preparatory Reading Students are advised to read—

Rogers	Religious Conception of the World.
Armstrong	God and the Soul

before joining the regular class.

HISTORY OF PHILOSOPHY

(*Honours*)

The following books are recommended —

Weber	History of Philosophy
Falckenberg	History of Modern Philosophy
Thilly	... History of Philosophy (Bell and Sons).

Preparatory Reading—

Schwegler	History of Philosophy
Rogers	Ditto

SPECIAL TEXT

(*Honours*)

Rand	Modern Classical Philosophers (Selections from Bacon, Descartes, Spinoza, Locke Berkeley, Hume and Kant),
Green	Prolegomina to Ethics, Book I

MATHEMATICS

Same as for the B Sc Examination

PHYSICS

Same as for the B Sc Examination.

CHEMISTRY.

Same as for the B Sc Examination.

PHYSIOLOGY

Same as for the B. Sc Examination

BOTANY.

Same as for the B Sc Examination.

ZOOLOGY

Same as for the B Sc Examination.

B Sc EXAMINATION, 1923.

MATHEMATICS

(*Pass Course*)

The following books are recommended —

1 Higher Plane Trigonometry—

Todhunter	Plane Trigonometry, edited by Hogg.
Loney	Plane Trigonometry.

2 Plane Analytical Geometry—

C Smith	...	Elementary Treatise on Conic Sections
Loney		Elements of Co-ordinate Geometry

3. Differential Calculus—

Edwards	.	Differential Calculus for Beginners
Ganesh Prasad	.	Differential Calculus
Taylor	.	Differential and Integral Calculus and Differential Equations

4. Integral Calculus and Differential Equations—

Edwards		Integral Calculus for Beginners
Ganesh Prasad		Integral Calculus
Taylor	.	The Differential and Integral Calculus and Differential Equations

5. Hydrostatics—

Besant	Elementary Hydrostatics
Loney	Elements of Hydrostatics

6 Astronomy—

Parkar	.	Elements of Astronomy

(Students are recommended to use 'Stars in the Northern Tropics" by T Bhattacharyya)

(*Honours Course*)

1 Higher Algebra—

Hall and Knight		Higher Algebra
C Smith	...	A Treatise on Algebra
Davidson	...	Higher Algebra
Briggs and Bryan	...	Tutorial Algebra (Advanced Courses)

2 Elementary Theory of Equations—

Cajori	.	Introduction to Theory of Equations, Chapters I—VII
Dickson	...	Elementary Theory of Equations

3 Higher Plane Trigonometry—

Todhunter	Plane Trigonometry, edited by Hogg

4 Plane Analytical Geometry—

C Smith	...	Elementary Treatise on Conic Sections.
Salmon	...	Conic Section
Askwith	...	Plane Co-ordinate Geometry.
Jones	...	Algebraical Geometry.

5. Elementary Solid Geometry—

C Smith	.	Elementary Treatise on Solid Geometry.
Bell		Analytical Geometry of three Dimensions.

6. Elementary Principles of Vectors—

Kelland and Tait	...	Introduction to Quaternions, 3rd, edition, edited by Knott.
Henrici and Turner		Vector and Rotors.
Coffin	...	Vector Analysis.

7 Differential Calculus—

Edwards	Differential Calculus
Williamson	Differential Calculus
Carey	. Infinitesimal Calculus, Sections I and II

8 Integral Calculus and Differential Equations—

Williamson	Integral Calculus
Murray	Introductory Course in Differential Equations
Carey	. Infinitesimal Calculus, Sections I and II
Bateman	... Differential Equations

9. Statics—

Minchin	... Statics, Vol I
Lamb	... Statics
Loney	. Statics

10 Dynamics of a Particle—

Lamb	Dynamics
Loney	... Dynamics of a Particle.
Cox	... Mechanics

11 Hydrostatics –

Besant	Elementary Hydrostatics
Loney	Elements of Hydrostatics
Minchin	Hydrostatics, Part I

12 Astronomy –

Parker	.. Elements of Hstronomy
Young	. Manual of Astronomy
Barlow & Bryan	Astronomy

(Candidates are recommended to use "Stars in the Northern Tropics" by T Bhattacharyya)

N B—Candidates who take up Mathematics at the B A or B Sc Examination are recommended to refer to Saxelby's "Practical Mathematics"

PHYSICS

(*Pass Course*)

Hadley	. Magnetism and Electricity for Students.
Watson	... Text-book of Physics
Deschanel	... Elementary Treatise on Natural Philosophy.
Duncan and Starling	... Text-book of Physics.

(*Pass Practical*).

Schuster and Lees	. Advanced Exercises in Practical Physics.
Harrison	... A Course of Practical Physics
Allen and Moore	... A Text-book of Practical Physics (Macmillan & Co.).

(Honours Course.)

(In addition to the books prescribed for the Pass Course)

Poynting & Thomson		Sound
Ditto		Heat
Ditto		Electricity and Magnetism
Edser		Light of Students
Wagstaff	..	Properties of Matter
A C Datta		A Text-Book of Sound

(Honours Practical)

Watson		Text Book on Practical Physics
Henderson	..	Practical Physics

N B—Candidates who take up the Honours Course in Physics at the B A or B Sc Examination are recommended to refer to Saxelby's 'Practical Mathematics"

CHEMISTRY

(Pass Course)

Newth		Inorganic Chemistry
Holleman		Organic Chemistry
Francis Jones	...	Practical Chemistry
F Mollwo Perkin		Qualitative Chemical Analysis—Organic and Inorganic
J B Cohen	.	Theoretical Organic Chemistry
Mellor		Inorganic Chemistry

(Honours Course)

(In addition to the books recommended for the Pass Course)

H C Jones		Elements of Physical Chemistry.
Ostwald		Foundations of Analytical Chemistry
J Wade		Introduction to the Study of Organic Chemistry
Clowes and Goleman		Quantitative Analysis
Mellor		Inorganic Chemistry
J Walker	.	Introduction to Physical Chemistry
Thorpe		Essays on Historical Chemistry.
Mollwo Perkin		Practical Method of Inorganic Chemistry

N B—Candidates who take up Chemistry at the B A or B Sc Examination are recommended to refer to (a) Saxelby's "Practical Mathematics" and (b) Dunnicliff's "Laboratory Glassware Economics"

BOTANY

(Pass Course)

Reynolds Green, J	..	Manual of Botany, Vols. I and II.
Scott, D. H.	...	Structural Botany 2 vols (London, 1904-06)
Darwin, F. and Acton, G H.	.	Practical Physiology of Plants. (Cambridge, latest edition)

Prain, D	Bengal Plants (Calcutta, 1903),
	or
Roxburgh	Flora Indica, edited by C B Clarke (Calcutta, 1874)
Coulter, Barnes and Cowles	Text Book of Botany
Stevens	Plant Anotomy

(*Honours Course*)

(In addition to the text books for the Pass Course)

Vines ...	Students' Text-book of Botany
Reynolds Green, J	Vegetable Physiology
Schimper, A F W	Geography of Plants
Stopes	Fossil Botany
Strasburger and Hillhouse	Practical Botany

PHYSIOLOGY

(*Pass Course*)

Halliburton	Handbook of Physiology
Howell	Text-Book of Physiology

(*Practical*)

Schafer	Essentials of Histology and *either*
Milroy	Practical Physiological Chemistry *or*
Halliburton	Essentials of Chemical Physiology and
Brodi	Essentials of Experimental Physiology
	or
Beddard, Edkins, Hill, Pembrey and Macleod	Practical Physiology

(*Honours Course*)

(In addition to the books recommended for the Pass Course)

Starling	Principles Human Physiology
Hill	Recent Advances in Physiology.
Hill	Further Advances in Physiology.

(*Practical*)

(The same as for the Pass Course)

SYLLABUS IN EXPERIMENTAL PHYSIOLOGY

(*Pass Course*)

The induction coil, single shocks, short circuiting key effects of single shocks on the tongue, break-shock is stronger than the make-shock, Helmholtz' modification, Meel's hammer

Pithing a frog, nerve muscle preparation, Mechanical, chemical, thermal and electrical stimulation of muscle and nerve

The graphic method, simple lever, crank lever (myograph), moist chamber, minimal and maximal excitation with single induction shocks (make and break). Stimulation by constant current, contraction of muscle only at make and break

The muscle curve —Single contraction of a frog's muscle, the latent period, the period of contraction and the period of relaxation Time-tracing by tuning-frok Method of after loading The influence of temperature and of load on muscular contraction The work performed by a muscle during a twitch

Elasticity and extensibility of muscle

Summation of muscular contraction , tetanus

Fatigue of muscle

Thickening of a muscle on contraction

Barnard's curare experiment.

Stimulation of a motor nerve, unequal excitability (greater nearer the centre of a motor nerve), excitability of flexor and extensor nerves

Velocity of nerve-impulse (myographic method).

Electro-Physiology —Galvani's experiment of contraction with metals, Galvani's experiment of contraction without metals

The frog's heart —Beating of the heart, effect of heat aad cold (heart *in situ*), section of the heart, effect of heat and cold on excised heart

Stannius' experiment

Graphic record of the heat of the heart (suspension method and also direct registration with heart-lever)

Pulse-Sphymographic tracing

Blood-pressure in man , Sphygmometer and Spygmomanometer

Reflex action (simple experiments on a pithed frog)

Vision —Accommodation, Scheiner's experiment, near and far point

Purkinje-Sanson's images, Phakoscope, Blind spot, Yellow spot, Colour vision , Complementary colours

(*Honours Course*)

Additional Experiments —

The Induction coil—Break extra-current of Faraday

The Rheonome; Effect of sudden variation of current

Isotomic and isometric contraction

Influence of veratrine on muscular contraction

Indefatigability of nerve

Excitation of muscle by constant current , Polar excitation of a muscle

Electrotonus Electrotonic changes in excitability of a nerve.

Kuhne's experiment of contraction without metals.

Examination of currents in muscle, nerve and heart by means of the reflecting galvanometer.

Frog's heart—Minimal stimulus causes maximal contraction.

" Staircase effect " Single contraction of the ventricle

Tetanisation. Refractory period Stimulation of the vagus.

Action of drugs (Muscaring digitalin, Pilocorpin and Atropin) on the heart.

Voice and Speech , Laryngoscope

Vision , Ophthalmoscope , Perimeter

EXPERIMENTAL PSYCHOLOGY.

The subject is to be studied as defined by the Syllabus Students are recommended to use one or more of the following books —

(*Pass Course*)

I —General Psychology—

Yerkes	...	Introduction to Psychology
Wundt	...	Human and Animal Psychology.
Titchener	...	Text-book of Psychology
Lickley	.	The Nervous System (Longmans & Co)
Angell	..	Psychology.

Preparatory Reading —Students are advised to read Titchener's Primer of Psychology before joining the regular class

II.—Experimental Psychology—

Sanford	..	Course in Experimental Psychology
Myers		Text-book of Experimental Psychology

Part I—Text-book

Preparatory Reading—

Students are advised to read Myer's Primer of Experimental Psychology before joining the regular class

Laboratory Course—

Tichener's Experimental Psychology, Vol I, Part I, and Vol. II, Part I. (Student's Manual, Qualitative and Quantitative)

Myers' Text-book of Experimental Psychology, Part II (Laboratory Course)

(*Honours Course.*)

I —General Psychology.

(Same as in the Pass Course with the addition of Kulpe's Outlines of Psychology)

II —Physiological and Comparative Psychology —

Wundt	.	Principles of Physiological Psychology, Vol I, Part I (The Bodily Substrate of Mental Life)
Ladd		Elements of Physiological Psychology
Thorndike		Animal Intelligence
Lloyd Morgan		Comparative Psychology
M. Greenwood (Jr)		Physiology of Senses
McDougall		Physiological Psychology (Home University Library)
Holmes	...	Evolution of Animal Intelligence

III.—Experimental Psychology—

In addition to the books recommended for the Pass Course, the following —

Scripture	...	New Psychology
Titchener		Lectures on the Psychology of the Thought Processes
Titchener	...	Instructor's Manual—Quantitative (Introduction).

ZOOLOGY.

(Pass Course)

Shipley and MacBride	.	Zoology
Parker and Haswell	...	Text-Book of Zoology.
Hertwig	..	Manual of Zoology, translated by Kingsley
Wilson	.	The Cell in Development and Inheritance
T J Parkar and W N Parkar		An Elementary Course of Practical Zoology
Foster and Balfour	...	The Elements of Embryology
Bateson	..	Mendel's Principles of Heredity

Students are recommended to read—

Darwin	The Origin of Species
Wallace	Darwinism

(Honours Course)

(In addition to the books recommended for the Pass Course)

Schafer's Essentials of Histology

Bateson	Problems of Genetics
Lillie	Problems of Fertilisation
Miall and Hammond	The Structure and Life History of the Harlequin Fly
Miall and Donny	The Cockroach

The following works are recommended for reference -

The Cambridge Natural History

Ray Lankester	A Treatise of Zoology

GEOLOGY.

No text-books are prescribed The subject is to be studied with the help of he Syllabus prescribed in the Regulations

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The following leading cases are to be studied in the original judgments as expositions of important legal principles —

PRELIMINARY EXAMINATION IN LAW, JUNE 1921 AND JANUARY 1922

Hindu Law

Bhagwan Singh *v* Bhagwan Singh, L R 26, I A 153
Bhooban Moyee Debia *v* Ramkishore Achari Chowdhury, 10 M.I.A 279.
Bhugwandeen Doobey *v* Mynu Bace) 11 M.I A. 487
Bhupatinath Smrititirtha *v* Ramlal Mitra, I L R. 37. Cal. 128.

The Collector of Madura *v* Mootoo Ramalinga Sathupathey 12 M I A 397
Guru Govind Shaha *v* Anundlal 5 B L R 15
Hunuman Persaud Panday *v* Musumat Babooee Moonraj Koonweree, 6 M I A 393.
Jotindramohan Tagore *v* Ganendramohan Tagore, L R I A Sup Vol. 47
Katama Natchir *v* Raja of Shivaganga 9 M I A 543
Manikyamala Bose *v* Nandkumar Bose I L R 33 Cal 1306
Moniram Kolita *v* Kerry Kolitany, L R 7, I A 115
Omrit Kumaree Dabee *v* Luckhee Narain Chuckerbutty, 10 W R 76, F B
Radhamohan *v* Hardai Bibi, I L R 2 , All 460
Sri Balusu Curulingaswami *v* Sri Balsu Ramalakshmamma, I L R 22 Mad 398.
Suraj Bunsi Koer *v* Sheo Proshad Singh. I R 6, I A. 88
Ramgopal Bhattacharjee *v* Naraincchandra Bandyopadhyay, I L R. 33 Cal 315
Hiralal Singh *v* Tripurachuran Ray, I L R 40, Cal 615
Deviprosad Chowdhury *v*. Gopal Bhagat, I L R 40, Cal 721
Ramchandra Martand Walkar and others *v* Vinayak Venkatesh Kothekar L R. 41, I A 290
Harikishen Bhagar *v* Kashipershad Singh, L R 42, I A 64
Katki and another *v* Lakpati Pujari, 20 C L J 319
Rajanmath *v* Nitaichandra 32, C L J
Metheram *v* Rewachand, L R 45 I A. 41
Sahu Ram Chandra *v* Bhup Singh, I R 44, I,A 126
Rangasami *v* Nachimappa, L R 46, I A 72
Nagindas *v* Bachoo, L R 43, I A 56
Rama Rao *v* Raja of Pittapur, L R 45, I A 148
Puddo Kumari *v* Court of wards L R 8, I A 229
Madanmohana *v* Purushothama, L R 45, I A 156

INTERMEDIATE EXAMINATION IN LAW, JUNE 1921 AND JANUARY 1922

Muhammadan Law and Law Relating to Persons

Abdul Razak *v* Aga Mahomed Jaffer Bindanim, I L R 21, Cal 666
Abdul Fata Mahomed Ishak *v* Russomoy Dhar Chowdhury, I L R 22, Cal 619
Ashrufood Dowlah *v* Hyder Hossein Khan, 11, M I A 94
Baker Ali Khan *v* Anjuman Ara Begam, L R 30, I A 94
Gobind Dayal *v* Inayatullah, I L R 7, All 775
Ranee Khujooroonissa *v* Roushun Jehan, L R 3, I A. 291
Andrews *v*. Salt, L R 8 Ch Aps 622
Abraham *v* Abraham, 9 M I A 195
De Manneville *v* De Manneville, 10 Ves 52
Udny *v* Udny, L R , Sc and D , 441
Skinner *v* Orde, 14 M I A 309
Piers *v* Piers, 2 H L C 331
Nimaichand Addya *v* Golam Hossein I L R 37 Cal 170
Khajeh Salimullah *v* Abdul Khair M Mustafa, I L R. 37, Cal. 263.
Casdagli *v* Casdagli I R (919) A.C 145
Sadik Hossein *v* Hashim Ali L R 42, I A 242
Digambar Singh *v* Kunwar Ahmad, L R 42, I A. 10.
Imambandi *v*, Haji Mutsaddi L R. 45, I A 73
Rama Nandan *v* Vava Levvai, I L R 40, Mad. 116

Rani Bhagwan *v* Jogendrachandra Bose and others, L.R, 30, I.A. 249, I.L.R 31, Cal 11. 7 C.W N 895.

Lala Khunni Lal and others *v* Kunwar Gobind Krishna Narain and others' L.R. 38, I A 87, I L R 33 All 356, 13 C L J 587 15 C W N. 545,

Kali Bakhsh Singh and others *v* Ram Gopal Singh and others, L.R. 41, I A. 23, I.L R 36, All 81, 19 C L J, 172 P C, 18 C W N, 282 P C

Monijan Bibee *v* District Judge, Birbhum I L R 42, Cal. 351, 20 C L J. 91, 19 C.W N 290.

Besant *v* Narayaniah L R 41, I A 314, I L R 38, Mad 807, 20 C.L J. 253 P.C, 18 C W N, 1089 P C

Law of Transfer Inter Vivos

Bellamy *v* Sabine, I De G & J 566
Rajkishan Mookerjee *v* Radhamadnab Haldar, 21, W R. 349
Ishanchandra Das Sirkar *v* Bishu Sirdar I L R 24, Cal. 825.

Chandi Churn Barua *v* Sidheswari Debi, I L R 16, Cal, 71, L R. 15 I A 149.

Rajakishen Datt Ram *v* Raja Mumtaz Ali Khan, I.L R 5, Cal 198, L R 6 I A. 146.

Gokuldas Gopaldas *v* Puranmal Premsukhdas, I L R 10, Cal 1035
Moheshlal *v*. Mohant Bawan Das, I L R 9, Cal 961
Moakes & Co, Ltd *v* Rice [(1902) A C 24]

Lal Achal Ram *v* Kazim Husain Khan, I L R. 27, All. 271, L R 32, I A 113.

Beniram *v* Kundanlal, I L R 21, All 496
Joitaram Ramkrishna *v* Ramkrishna Nandlal, I L R 27 Bom 31
Tailby *v* Official Receiver, 13 App Cas 523
Hakim Lal *v* Mooshahar Sahu, I L R 34 Cal 900, 23 C L J 406
Ashutosh Sikdar *v* Beharilal Kirtania I L R 35, Cal 61
Gurdeo Singh *v*. Chandrikah Singh, I L R 36, Cal 193.
Shamu Patter *v* Abdul Kadir Ravuthan and others, L R 39 I A 218
Jadunath Poddar *v* Ruplal Poddar, I L.R 33, Cal 967.
Petherpermal Chetty *v* Muniandy Serval, I L.R 35, Cal. 55
Tilakdhari Lal *v* Khedan Lal, 32 C L J
Gurnarayan *v* Sheolal, L R. 46, I A 1
Kreglinger *v* New Patagonia Co, L R 1914 A.C 25
Mahamaya *v* Haridas Haldar, I L R 42, Cal. 455

Law of Real Property and Succession

Van Grutten *v* Foxwell (1897) A C 658
London and South-Western Railway Co. *v* Gomm (20 Ch D 562)
Morley *v* Bird (3 Ves 629; 4 R R 106)
Walsh *v* Lonsdale (21 Ch D 9).
In re Rosher (26 Ch D 801)
Sajid Ali *v* Ibad Ali (I L R 23, Cal 1)
Alangamonjori *v* Sanamoni Dabee (I L R 8, Cal 637)
Bhagabati Barmanya *v* Kalicharan Singh (I L R 32 Cal 902)
Narendranath Sircar *v* Kamalbasini Dasi (I L R 23 Cal 563
Bai Motivahu *v* Bai Mamubai (I L R 21, Bom 709)
Ramlal Mookerjee *v* The Secretary of State for India in Council (I L R 7, Cal. 304).
Mirza Kurratulain Bahadur *v*. Peara Saheb, L R 32, I A. 244.
Sailajaprasad Chatterjee and others *v* Jadunath Bose, 21 C L.J 88.

Law of Contracts and Torts

Ashby *v* White (Judgment of Holt, C.J.) (1 Sm L C. 231, 2 Lord Raymond 938, 3 ld 320).
Barwick *v* English Joint Stock Bank (L R 2 Ex 259)
Canadian Pacific Railway Company *v* Roy (1902 A C 220)
Coggs *v* Bernard (1 Sm L C. 167, 2 Lord Raymond, 909)

Dhanipal Das *v* Raja Maneshar Bakhsh Singh (L.R 33, I.A 118, I L R 128 All. 520, 4 C L J 1)

Hadley *v* Baxendale (9 Exch 341, 96 R R 742)
Cundy *v*. Lindsay (L R 3 App Cas 459)
Smith *v* Baker (1891 A C 325)
Keighley, Maxsted & Co *v* Durant (1901 A C 240)
Mogul Steamship Co, Ltd *v* McGregor, Gow & Co (1892 A C 25).

Mohori Bibee *v* Dhurmodas Ghose (L R 30, I A 114. I.L.R 30 Cal 539)

Quinn *v* Leathem (1901 A C 495)

Ram Coomar Coondoo *v* Chunder Canto Mookerjee (L R 4, I A 23 2 App. Cas 186, I L.R 2, Cal 233)

Smith *v* Hughes (L R 6, Q B 597)

Gaekwar of Baroda *v* Gandhi Kachrabhai Kasturchand (I L R. 27 Bom. 344, L R 30, I A 60)

Derry *v* Peek (Judgment of L C Herschell, L R 14 App Cas 337)
Armory *v* Delamirie, 1 Strange 505
Shaik Kalu *v* Ramsaran Bhagar 9 C L J 216
Seth Kanhaya Lal *v* National Bank of India, L R. 40, I A 56.
Ledu Coachman *v* Hiralal Bose, 21 C L J 537

FINAL EXAMINATION IN LAW, JUNE 1921 AND JANUARY 1922

Land Tenures, Land Revenue and Prescription.

Hurryhor Mookhopadhya *v* Madhubchunder Baboo (14 M I A 152, 20 W R 459, 2 P C J 713)

Joykishen Mookerjee *v* The Collector of East Burdwan (10 M I A. 16, 1 W R P C 26, 2 P C J 54)

Lopez *v* Muddunmohan Thakoor (13 M I A. 467, 14 W R P C 11; 2 P C J 594)

Maharani Rajroop Koer *v* Syed Abdul Hossein (L R 7 I A 240, I L R. 6, Cal. 394, 4 P C J 199)

Mohesh Narain *v* Nawbut Pathak (1 C L J 437, I L.R 32 Cal. 397).
Narendranarain Roy *v* Ishan Chunder Sen (22 W R 22)

Nogender Chunder Ghosh *v* Mahomed Esoff (18 W. R. 113, 3 P.C.J. 151).

Radhaprosad Singh *v* Bal Kowar Koeri (I L.R 17 Cal 726).

Raja Lelanund Sing Bahadoor *v*. The Government of Bengal (6 M.I.A 101, W.R 77; 1 P.C.J 505)

Shamchand Koondoo *v*. Brojonath Pal Choudhury (21 W.R 94)
Sonet Koer *v* Himmut Bahadoor (I.L R. 1 Cal 391)

Watson & Co *v* Ramchand Dutt (I L R 18 Cal 10)
Thakurain Ritraj Koer *v* Thakurain Sarfaraz Koer (L R 32 I A 165)
Kripasindhu Mukerjee *v* Annanda Sundari Debi (I L R 35 Cal 34)
Forbes *v* Bahadur Singh (L R 41 I A 9)
Secretary of State for India *v* Kittibas Bhupati Harichandan Mahapatra L R 42, I A 30)
Srinath Roy *v* Dinabandhu Sen (L R 42, I A 221)
Paul *v* Robson (I R 42, I A 180
Jibananda Chakrabarty *v* Kalidas Malik (I I R 42, Cal 164).
Midnapur Zemindary Company, Ld *v* Hrishikesh Ghosh (I.L.R. 41, Cal. 1108)
Amulyaratan Sarkar *v*. Tarminath Dey (I L R. 42 Cal 254)
Mohsenuddin *v* Bhagabanchandra (32 C L J)
Chandrabinode Kundu *v* Ala Bux (31 C L J 510)
Chandrakanta Nath *v* Amjad Ali (32, C L J)
Nilmani Kar *v* Sati Prosad Garga (32, C L J)
Ranajit Singh *v* Kalidasi Debi (L R 44, I A 117)
Ranjit Singh *v* Maharaja Bahadur (L R 45, I A 162)

Equity and Trust

Allcard *v* Skinner (L R 36 Ch D 145, S C Finch, Sel. Cas 600)
Earl of Aylesford *v* Morris (L R 8 Ch App 484)
Cooper *v*. Phibbs (L R 2 H L 149)
Fox *v* Mackreth (2 Wh & T L C. 709)
Fazludeen Khan *v* Fakir Mahomed Khan (I L R 5 Cal 336)
Gopeekrist Gosain *v* Gangapersaud Gosain (6 M.I A 53)
In re Hallett's Estate (L R 13 Ch D 696)
Le Neve *v* Le Neve (2 Wh & T L C 175)

Mussoorie Bank *v* Raynor (L R 7 App Cas. 321, I L R. 4 All. 500 L.R. 9 I A 70).

Ramcoomar Koondoo *v* McQueen (L R I A Sup Vol 40).

Stapilton *v* Stapilton (1 Wh & T L C 223, 1 Atk 2)

The Mayor of Lyons *v*. The Advocate-General of Rengal (I L.R. 1 Cal 303).

Tulk *v*. Moxhay (11 Reav 571, 2 Ph 774, 1 Hall and Twells 105 Finch Sel Cas 777)

Tulk *v* Moxhay (11 Reav 571, 2 Ph 774, 1 Hall and Twells 105, Finch Sel. Cas. 777).

Law of Evidence Civil Procedure and Limitation

Gujju Lall *v* Fatteh Lall (I L R 6 Cal 171).

Ramranjan Chakerbatty *v* Ram Narain Sing (I L.R 22 Cal. 533, L.R. 22 I.A 60).

Tepu Khan *v* Rajanimohan Das (I.L R 25 Cal 522)

Saratchunder Dey *v* Gopalchunder Laha (I L R 20 Cal 296, L.R. 19, I.A. 203).

Balkishen Das *v* Legge(I L.R 22 All 149, L R 27, I.A 58).
Run Bahadur *v* Lucho Koer (I L R 11 Cal 301).
Ishanchandra Sarkar *v* Benimadhab Sarkar I L R 24 Cal 62).
Prasannakumar Sanyal *v* Kalidas Sanyal (I L.R. 19 Cal. 683).
Zain-ul-Abdin *v*. Asghar Ali (I L R. 10 All. 166).
Rudrakant *v* Nabakishore (I.L R 9 Cal 663)
Maniram Seth *v* Seth Rupchand (I L R 33 Cal 1047, 4 C.L J. 94, L.R. 30, I.A. 163).

Balwant Rao *v* Puran Mal (I L R 6 All , I.I R -10, I A 90)
Narendrachandra Mandal *v* Jo endranarain Rai 20 C.L J 469)
Chhaymannessa Bibi *v* Bhsirar Rahiman (I R 37 Cal 399)
Upendranath Kalamuri *v* Kusumkumari Dasi (I L R 42 Cal 440).
Ajo Koer *v*. Gorak Nath (20 C L J. 481)
Kartickchandra Ghose *v* Ashutosh Dhara) I L R 39 Cal 208)
Punchanun Bundopadhyaya *v* Rabia Bibi I I R 17 Cal 711)
Hukumchand Boid *v* Kamalanand Singh (I L R 33 Cal 927)
Khiarajmal *v* Daim (L R 32 I A 23)
Musammat Rashid-un Nisa *v* Mahammad Ismail Khand (L R 36 I A 168)
Ganpat Lal *v* Bindbasini (L R 47, I A 91)
Raja Mukund Deb *v* Gopinath Sahu (21 C L J 45)
Kamini Debi *v* Pramathanath Mookerjee (20 C L J. 476)
Malkarjun *v* Narhari (L R 27, I A 216)
Taranath Chakrabarti *v* Iswarchandra Dassarkar (14 C L J 598)
Secretary of State for India *v* Krishnamoni Gupta (L R 29, I.A 104)
Agency Company *v* Short (13 App Cas 793)
Gopeswar Pal *v* Jibanchandra Chandra (I L R 41 Cal 1125)
Hridayanath Ray *v* Ramchandra Barua (31 C L J 482)
Ramendra Nath *v* Brajendra Nath I L R 45 Cal 111)
Manjuri Bibi *v* Akel (7 C W N 889)
Kumar Basanta Ray *v*. Secretary of State (L R 44 I A 104)
Kessowji *v* G I P Ry Co (I L R 31 Bom 381)
Ghuznavi *v* Allahabad Bank (I I R 44 Cal 929)
Budh Singh *v* Nirodbaran (2 C L J 431)
Emperor *v* Panchu Das (31 C L J 402)
Benimadhab *v* Sadasook (I L R 32 Cal 437).
Amritalal *v*. King-Emperor (I L R 42 Cal 957)
Gobindachandra *v* Dwarkanath (20 C I J 455)

Law of Crimes and Criminal Procedure

Ganouri Lal Das *v* The Queen Empress (I L R 16 Cal 206)
In the matter of the Petition of R MacCrea (I L R 15 All 172)
Nabi Baksh *v* Queen-Empress (I L R 25 Cal 416)
Prosonnokumar Patra *v* Udoy Sant (I L R 22 Cal 669)
Queen-Empress *v* Bal Gangadhar Tilak (I I R 22 Bom 112)
Queen-Empress *v* Nayimuddin (I L R 18 Cal 484 F B)
Queen *v* Gorachand Gope (B L R Sup Vol 443, 5 W R Cr. 45)
Queen-Empress *v* Sri Churn Chungo (I L R 22 Cal 1017)
Queen-Empress *v* Haradhan (I L R 19 Cal 380).
Queen-Empress *v* Noshi Bhushan (I L R 15 All 210)
Queen-Empress *v* Abbas Ali (I I R 25 Cal 512)
The Empress *v* Riasat Ali (I I R 7 Cal 352
Khosh Mahomed Sirkar *v* Nasir Mahomed (I L R 33 Cal 352)
Vaithinatha Pillai *v* The King-Emperor (L R 40 I A. 193)
Amritalal Hazra *v* Emperor (I L R 42 Cal 957)
Pulinbehari Das *v* King-Emperor (15 C.L J 517)
Barindrakumar Ghosh *v* Emperor (I L R. 37 Cal 467)
Legal Remembrancer *v* Matilal Ghosh (I L R. 41 Cal 173).
Re Matilal Ghosh (I L R 45 Cal 160)
Amritalal Bose *v* Corporation of Calcutta (I I R 44 Cal. 1025)
Satischandra Chakrabarti *v* Ramdeyal De (32 C.L J. 94)
Ali Muhammad *v*. Pigott (32 C L J 270)

PRELIMINARY EXAMINATION IN LAW IN JULY, 1922, AND JANUARY, 1923

(*i*) Jurisprudence	Maine's Ancient Law (edited by Sir F. Pollock), Holland's Jurisprudence (12th edition)
(*ii*) Elements of Roman Law and the Principles of Legislation	Bagchi's Roman Private Law, Jethro Brown's Underlying Principles of Modern Legislation
(*iii*) Hindu Law	Mitakshara, Chapter I, sections 1—5, Chapter II, sections 1—10, Dayabhaga, Chapters 1, 2, 5 and 11, Jogendranath Bhattacharyya's Hindu Law, 3rd edition Vol I, Part II, Mayne's Hindu Law and Usage, Gopalchandra Sarkar's Hindu Law, *or* Jogendrachandra Ghosh's Principles of Hindu Law, Vol. I, University Selection of Leading Cases

(The Leading Cases to be studied in the original Judgments as expositions of important legal principles will be notified later on.)

INTERMEDIATE EXAMINATION IN LAW IN JULY, 1922, AND JANUARY, 1923

(*i*) Muhammadan Law ...	Sirajiya (except the details as to succession of distant kindred), Amir Ali's Students' Manual of Muhammadan Law, *or*, Mulla's Principles of Muhammadan Law (omitting the details as to the succession of distan kindred), University Selection of Leading Cases.
(*ii*) The Law relating to Persons.	Act IX of 1875 (Majority), Campbell's Principles of English Law Chapters IV, V, VIII XII—XV, University Selection of Leading Cases
(*iii*) The Law relating to Property—	
(*a*) The Law of Transfer *inter vivos*	Act IV of 1882 (Transfer of Property Act), Act III of 1877 (Registration), sections 17, 18, 48, 49, 50, University Selection of Leading Cases
(*b*) Principles of the English Law of Real Property and the Law of Intestate and Testamentary Succession(exclusive of the Hindu and the Muhammadan Law of Intestate Succession).	Williams' Principles of the Law of Real Property (22nd edition) Introduction Part I (omitting Chapters IX and XIII), Part II, Part IV (omitting Chapter I) and Part V, Act X of 1865 (Succession) omitting Parts III—V, XXX, XXXI and XXXV—XL, Act XXI of 1870 (Hindu Wills) except the provisions of the Indian Succession Act omitted from the study of that Act; Act V of 1881 (Probate and Administration Act); University Selection of Leading Cases.

(*iv*) The Law of Contracts and Torts	Anson's Law of Contract (14th edition), Salmond's Summary of the Law of Torts, omitting Chapters V, VI, X and XVI, Act IX of 1872 (Contract Act), University Selection of Leading Cases

(The Leading Cases to be studied in the original judgments as expositions of important legal principles will be notified later on)

FINAL EXAMINATION IN LAW IN JULY, 1922, AND JANUARY, 1923

THE LAW RELATING TO PROPERTY

(*i*) The Law of Land Tenures, Land Revenue and Prescription	Regulation I of 1793, Preamble to Regulation II of 1793 Regulations VIII, XIX, sections 1—7 XXXVII, sections 1—3 of 1793, VIII of 1819, XI of 1825, Act VIII of 1885 (Bengal Tenancy Act) Chapters I—VIII, XI, XIV, XV, Act XI of 1859 Act XV of 1877, sections 26—28, Upendranath Mittra's Indian Law of Prescription and Easements, Field's Introduction to the Bengal Regulations (portions relating to Land Tenures), *or*, Atulchandra Guha's Land Systems of Bengal and Bihar, omitting appendices, University Selection of Leading Cases
(*ii*) The Principles of Equity, including the Law of Trusts	Maitland's Lectures on Equity, Chapters I—XXI, Brett's Leading Cases on Equity, University Selection of Leading Cases

[*N.B*—Students are recommended to consult Petrie's Students' Cases with a view to elucidate the cases mentioned in the text-books)

(*iii*) The Law of Evidence and the General Principles of Civil Procedure and Limitation	Act I of 1872 (Evidence Act), Act V of 1908 (Civil Procedure) sections 1—158, Schedule I Orders I—X, XIV, XV, XVIII XX, XXI XXIII XXXI—XXXII XXXIV—XXXV XXXIX—XLI, XLII, XLIII, XLV, XLVI, XLVII, Schedule II, Act XV of 1877 sections 1—25, Best on Evidence. Introduction, Books I and II and Book III, Part I University Selection of Leading Cases.
(*iv*) The Law of Crimes and the General Principles of Criminal Procedure	Act XLV of 1860 (Penal Code), Chapters I—V and such portions of Chapters VI—XXIII as do not relate exclusively to the amount of punishment to be inflicted for an offence, Act V of 1898 Criminal Procedure), omitting chapters I, IX XIV, XXXIII—XL, XLII, XLIII, XLVI, except section 562), Sir James Fitz James Stephen's General View of the Criminal Law of England, University Selection of Leading Cases

(The Leading Cases to be studied in the original judgments as expositions of important legal principles will be notified later on)

JANUARY 1921, 1922, AND 1923, JULY, 1921, 1922
BURMA LOCAL LAWS

I (1) The Court Fees Act, 1870
(2) The Indian Stamp Act, 1899
(3) The Indian Arms Act 1878
(4) The Opium Act, 1878 and Rules
(5) The Indian Excise Act 1896, and Rules
(6) The Burma Land and Revenue Act, 1876 and Rules
(7) The Burma Boundaries Act, 1880
(8) The Burma Laws Act, 1898
(9) The Lower Burma Courts Act, 1900
(10) The Burma Municipal Act, 1898
(11) The Lower Burma Town and Village Lands Act, 1899.
(12) The Burma Gambling Act, 1899.
(13) The Burma Forest Act 1902
(14) The Burma Fisheries Act 1905
(15) The Burma Towns Act, 1907
(16) The Burma Village Act, 1907

II Decisions under the foregoing Acts in the Selected and Printed Judgments, Lower Burma, and in the Lower Burma Rulings

III (*a*) Upper Burma, Land and Revenue Regulations and Rules
(*b*) Upper Burma Courts Regulations
(*c* Upper Burma Rulings

M L EXAMINATION, 1922

(1) HINDU LAW OR MUHAMMADAN LAW

Hindu Law

Manu		Institutes, Chapters I, III, VII, VIII and IX
Yajnavalkya		Institutes, Book II, on Vyavahara or Positive Law
Vijnanesvara		Mitakshara
Devananda Bhatta		Smriti-Chandrika
Vachaspati Misra		Vivada Chintamani
Nilakantha		Vyavahara Mayukha
Mitra Misra		Viramitrodaya
Jimutavahana		Dayabhaga
Raghunandan	.	Dayatatwa
Nanda Pandita		Dattaka-Mimansa
Kuvera	..	Dattaka-Chandrika
Gooroo Dass Banerjee	..	Marriage and Stridhana (Tagore Lectures, 1878)
Golap Chandra Sirkar	.	Adoption (Tagore Lectures, 1888)
Mayne	...	Hindu Law and Usage
Jogendrachandra Ghose	...	Hindu Law
Priyanath Sen	.	Hindu Jurisprudence

Muhammadan Law

Serajuddin	...	Al Sirajiya.
Baillie	...	Digest of Muhammadan Law—Shunni and Shia

Ameer Ali	.. Muhammadan Law, Vols I and II
Wilson	... Digest of Anglo-Muhammadan Law.
Abdur Rahman	Institutes of Musalman Law.
Abdur Rahim	Principles of Muhammadan Jurisprudence (Tagore Lectures, 1907)
Tyabji	Muhammadan Law

(2) JURISPRUDENCE AND PRINCIPLES OF LEGISLATION

Salmond	Jurisprudence
Frederic Harrison	. Jurisprudence

Science of Legal Method (Modern Legal Philosophy, Series Vol IX)

Miraglia	Comparative Legal Philosophy (Modern Legal Philosophy Series, Vol III)
Berolzheimer	World's Legal Philosophies (Modern Legal Philosophy Series, Vol II).
Lee	Historical Jurisprudence
Maine	Village Communities
Holmes	Common Law

Evolution of Law Series Vols I-III (edited by Kocourek and Wigmore)
Continental Legal History Series, Vol I (General Survey)
Continental Legal History Series, Vol II (Great Jurists of the World)

Bentham	Theory of Legislation (edited by Dumont and translated by Atkinson, Oxford Press Series)

(PRINCIPLES AND HISTORY OF ROMAN LAW

Gaius	Institutes (translated by Poste)
Justinian	Institutes translated by Moyle)
Sohm	Institutes (translated by Ledlie)
Muirhead	Roman Law
Sherman	Roman Law in the Modern World

(4) PRIVATE INTERNATIONAL LAW

Foote	Private International Jurisprudence
Nelson	Private International Jurisprudence

(5) & (6) ANY TWO OF THE FOLLOWING

(i) *Principles of Equity*

Langdell	Brief Survey of Equity Jurisdiction
Story	Equity Jurisprudence
Underhill	Law of Trusts
Agnew	Law of Trusts (Tagore Lectures, 1881),
White and Tudor	Leading Cases in Equity (8th Edition)

(*ii*) *Law relating to Transfer of Immovable Property and Law of Prescription*

Dart	Vendors and Purchasers
Williams	Vendors and Purchasers
Rashbehari Ghosh	Law of Mortgages (Tagore Lectures, 1876)
Goddard	Law of Easements.

The Transfer of Property Act
The Indian Easements Act

(*iii*) *Law relating to Wills*

Underhill and Strahan	...	On the interpretation of Will and Settlements
Theobald		Law of Wills
Ingpen	.	Law of Executors
Henderson	. .	Law of Wills (Tagore Lectures, 1887)
Trevelyan	..	Hindu Will (second edition)
Asutosh Mukhopadhyay		The Law of Perpetuities in British India (Tagore Lectures, 1898)

The Indian Succession Act
The Hindu Wills Act
The Probate and Administration Act

(*iv*) *Law of Contracts and Torts*

Pollock	..	Principles of Contract, Law of Torts
Street		Foundations of Legal Liabilities
Fry		Specific Performance
Finch		Cases on Contracts
Kenny		Cases of Torts
Salmond		On Torts.
Satischandra Banerjee		The Law of Specific Relific in British India (Tagore Lectures, 1906)

The Indian Contract Act
The Specific Relief Act

(*v*) *Principles and History of the Law of Real and Personal Property*

Williams	Real Property
Williams	Personal Property
Goodeve	Real Property
Goodeve	Personal Property
Challis	Real Property
Digby	History of Real Property
Leake	Law of Property in Land
Finch	Cases on the Law of Property

(*vi*) *Principles and History of the Law of Evidence*

Best	Evidence
Thayer	Preliminary Treaties on Evidence
Phillimore	History of Evidence
Wigmore	Cases of Evidence
Wigmore	Principles of Judicial Proof.

Indian Evidence Act.

(*vii*) *History of English Law*

Pollock and Maitland	.	History of English Law
Reeves	.	History of English Law (edited by Finlayson)
Holdsworth		History of English Law
Jenks		History of English Law
Kerly	.	History of Equity
Maitland	..	Collected Papers
Ames		Lectures on Legal History

Selected Essays on Anglo-American Legal History (Cambridge University Press).

TEXT BOOKS FOR 1921, 1922 & 1923.

VERNACULAR COMPOSITION

MAITHILI.

MATRICULATION EXAMINATION

Sumati (a social novel)	B Ras Behari Das
Ganesh Khand	Lal Kavi, Part I
Gaja Graha Uddhar	B Gunmot Lal Dass

I A AND I Sc EXAMINATIONS

Rameshwar (a Social novel)	Pandit Gibachh Mishra
Krishna Janama	Mandodh or Bholan Cavi
Maithala Bhasha Ramaoan	Chand Jha (Lanka Kand only)

B A EXAMINATION

Mahabharatsara	Pandit Ramanand Misra
Ushaharan	,, Harsanath Jha
Sreemad Gitadarsha	,, Trilochan Jha

The Padyavalis of Umapati, Ratnapani, Deen dandha, Ramnath and Bageesh

MALAYALAM

MATRICULATION EXAMINATION

Radha Charitam	T Animalu Ammal (Vadakamtara Palghat)
Chandrahasacharita	M Krishnan, (Ed. by M. K Sreeterr Ammal Calicut)
Bhasha Barthrihari (Neethy Sathakam)	Mangalodayan Press, Trichur

I A AND I Sc. EXAMINATIONS

Padmini and Bhima Sinha's daughter ..	V K Chinnammalu (T K Nair s Book Depot, Calicut)
Adyatma Ramayana (Kishkinda Kanda)	Tunjathu Exhuttachan (Mangalodayam Press, Trichur)
Gadyamalika, Part I	Basal Mission Press, Mangalore

B A EXAMINATION

Pratheenaryavartham ...	Kerala Chintamani
Kapala Kundala .	Do
Kathakali, Nalacharitham .	Do
Utthararamacharitham ...	

TAMIL

MATRICULATION EXAMINATION.

Akbar	T Chelva Kesana Mudaliar
Hemalctha	

I. A AND I Sc. EXAMINATIONS.

Periyapuram Vachanam (Life of Appar, Sundar, Sambutta-murthi)	Arunngha Navalar Edition.
Thirukkural (Chs. I-X)	Ripon Press
Kamraki	J Chelvakesava Raya Mudaliar

B A EXAMINATION

Tiruvalluvar	Chelvakesava Raya Mudaliar
Sankara Kyayam	Velayutha Mudaliar
Kamta Ramayanam (Sundara Kantam—Katchi Patalan)	
Thirukkural 50-60 Adhyayas)	

KANARESE

MATRICULATION EXAMINATION

Abalâsacharitra Ratnamala, Part I	
Kathâ Sangraha, Vol. II	
The adventures of Telemachus, Part I	M Venkata Krishnaiya, Mysore
Ramayana—Sundara Kāndam	Venkateswarn & Co, Madras

I A AND I Sc EXAMINATIONS

Padmini	K L Datta (Hanuman & Coy Mysore)
Sumati Madana Kumāra Charitra	M S Puttanna
Vishavriksha	B Venkata Char (Royal Press, Mysore)
Rāmānanda, Sateehitaishani Series	Nanjungud (Mysore)
Nirūpama	Nanjungud Sri Kant Sastri

B A EXAMINATION

Karnataha Kavicharitra, Vol I (Introduction and pp 1—100)	Rao Bahadur R Narasimha Char
Mudrā Manjūsha	R Narayana (Wesleyan Press, Mysore)
Karnataha Panchatantram	Pandit Sitarama Sastri (Karnataha Granthamala Series, No 83)

MARATHI

MATRICULATION EXAMINATION

Hindusthānātil Yoddhyānchyā thoravī-chyā goshti	Hari Krisha Damle
Chār charitrātmak lekh	Hari Madhava Pandit
Sri Eknāth Mahārāj Yanche Charitra	Dhondo Balkrishna Sahasrabuddhe

I A AND I Sc EXAMINATIONS

Ātmoddhār	Nagesh Vasudev Gunagi
Āmchyā āyushgātil athavani	Ramabai Ranade
Gadâlā pan Simha getā	Harinarayan Apte

B. A EXAMINATION

Atma-vritta	Dhendo Kesav Karve
Mahārāshtra-Kavi-Charitra, Part I	Jagannath Raghunath Ajgavkar.
Sri-Ramkrishna	

TELUGU

MATRICULATION EXAMINATION

Rajasekhara Charitram	
Rukmini Kalyanam—Potarma	
Vimaladevi	
Ramayanam—Balakanda	Molla

I A AND I. Sc EXAMINATIONS

Pruphulla.

Uttaragograhanam	Tikkava
Pandugakatnam	.. Bhogaraza Narayanamurty
Mirza Divyadarsanam	
The influence of environment on body and mind	. K Sreenivasarao

B A EXAMINATION

Manucharitiam, Canto II	
Sree Krishnarayabharam	. Bharatam
Sukraneethisaram	.. Tr by Malladi Suryanarayana

List of Medallists, Scholarship-holders and Prize-winners for 1920.

ABINAS CHANDRA MEDAL

Tha Hla ... Rangoon College

ADHARCHANDRA MUKERJEE PRIZE

Bandyopadhyay, Chaturanan .. Sarada Prasad Institution

AMBIKACHARAN CHAUDHURI MEDAL

Nag, Surendrakumar . B E College, Sibpore

ARUNCHANDRA MEDAL AND PRIZE

Hazra, Karunakumar . Howrah Zilla School

BANKIMBEHARI SEN MEDAL

Deb, Manindramohan . Presidency College

BANKIMCHANDRA MEDALS

Bhattacharyya, Sachindranath . Presidency College
De, Asutosh .. South Suburban College

BANKUBIHARI GUPTA PRIZE

Basu, Panchanan Medical College

BIHARILAL BOSE MEMORIAL SCHOLARSHIP

Basu, Susilkumar Konnagore H E School

BISHNUPRIYA DEVI PRIZE

Chakrabarti, Srinath .. Cotton College, Gauhati

CHANDMONI DEVI—PRANDHAN KALI MEDAL

Mukhopadhyay, Panchugopal . Kandi Raj H. E School
Sen, Binodechandra ... Behala H. E School

CLINT MEMORIAL PRIZE

Das, Prabhakar	S C College

DR RAI DEBENDRANATH RAY, BAHADUR MEDAL

Basu, Panchanan	Medical College

DR RAKHALDAS GHOSH PRIZE

Chakrabartty, Anilkumar	Medical College

DUFF SCHOLARSHIPS

Basu, Sudhendukumar, (Languages)	Presidency College
Ray, Susilkumar (Mathematics)	Ditto
Pal, Dhirendranath (1st in I Sc from S C College)	Scottish Churches College.
Mitchell, L De F (Best Christian Student in I Sc)	Rangoon College
Basak, Kantichandra (Physics)	Presidency College
Bhattacharyya, Taraprasanna (Chemistry)	Bangabasi College

DWARKANATH SCHOLARSHIP

Gangopadhyay, Renubhushan	South Suburban School

DWIJENDRALAL RAY SCHOLARSHIP AND PRIZE

Bhattacharyya, Sachindranath	Presidency College

EMPEROR EDWARD VII CORONATION MEDAL

Bhattacharyya Bibhutibhushan	Medical College

ESHAN SCHOLARSHIP

Deb, Manindramohan	Presidency College

GANGAMANI DEVI MEDAL

Banerjee, Susama	Bethune College.

GANGAMANI MEDAL

Chattopadhyay, Sudhirchandra	Sanskrit College

GANGAPRASAD MEDAL.

Ray, Amiyakrishna	Presidency College.

GEORGE V CORONATION MEDAL

Samanta, Jharucharan	. Uluberia H E School
Bera, Gosthabihari	Jhikra H E School
Bandyopadhyay, Kanjitkumar	Baluti H. E School
Mukhopadhyay, Dhirendranath	Howrah Ripon Collegiate School.

GOODEVE MEDAL

Basu, Panchanan	Medical College

GUNENDRANATH MEDAL

Bandyopadhyay, Chittaranjan	Ripon College

HARAKINKARI DEVI MEDAL

Datta, Sabitri	Eden H School for Girls Dacca

HARISCHANDRA PRIZE

Mitra, Narendragopal	Presidency College

HEMENTAKUMAR MEDAL

Bandyapadhyay, Manindranath	S C. College

HERSCHEL MEDAL

Mitra, Narendragopal	Presidency College

INGLIS MEMORIAL MEDAL AND PRIZE

Medallist

Hazra, Karunakumar	. Howrah Zilla School

Prize Winner

Datta Sabitri	.. Eden H. School for Girls, Dacca.

J N DUTT MEDAL

Basu, Panchanan	Medical College

JATINDRA CHANDRA MEDAL AND PRIZE.

Medallist

Chakrabartty, Dukhaharan	. Sanskrit Collegiate School

Prize-winner.

Chakrabartty, Charuchandra	.. Hare School

JOYNARAYAN PRIZE

Mukhopadhyay, Gaurgopal	Krishnagore Collegiate School.

JHUMMA MEDAL.

Mukhopadhyay, Panchugopal	Kandi Raj H E School
Sen, Binodechandra	Behala H E School

JITENDRA SCHOLARSHIP

Pal, Brajendranath	Kandi Raj H E School

JUBILEE POST GRADUATE SCHOLARSHIPS

Majumdar, Susilkumar	Scottish Churches College.
Bhaduri, Sadananda	Presidency College
Chakrabartty, Debabrata	Rangoon College
Md Mahfuzul Haque	Presidency College
Sen, Binaychandra	Ditto
Dasgupta, Kuladacharan	Ditto
Deb, Manindramohan	Ditto
Mitra, Narendragopal	Ditto
Ray, Amiyakrishna	Ditto
Ray, Bankimchandra	Ditto
Chattopadhyay, Banabehari	Ditto
Ghosh, Prakritikumar	Ditto
Datta, Atulchandra	Non Collegiate Student

JYOTISCHANDRA MEDAL

Har, Sisirkumar	Bangabasi College

KALIDAS NAYARATNA MEDAL

Chakrabartty, Atulkrishna	Harinavi A S School

KESABCHANDRA SEN MEDAL

Datta, Sabitri	Eden H School for Girls, Dacca
Bandyopadhyay, Manindranath	S C College

KING GEORGE AND QUEEN MARY CORONATION DURBAR MEDAL.

Md Mahfuzul Huq	... Presidency College

KIRTICHAND MACKENZIE MEDAL

Raychaudhuri, Hemendranath	Hindu School
Majumdar, Birendrakumar	Metropolitan Institution

KISHORYMOHAN—HARAKINKARI SCHOLARSHIP.

Sen, Jyotischandra	Chittagong College
Md Akkas Alikhan	Rajshahi College

MADHUSUDAN MEDAL.

The award made locally this year.

MANAKJEE RUSTOMJEE MEMORIAL SCHOLARSHIP AND MEDAL

Chakrabartty, Anilkumar . Medical College

MANMATHANATH BHATTACHARYYA MEDAL

Mitra, Narendragopal Presidency College

McCANN MEDAL

Sarkar, Ramendranath Presidency College

McLEOD MEDAL

Basu, Panchanan . Medical College

MOHINIMOHAN MITRA MEDAL

Bakshi, Rakhahari . Burdwan H E School

MOHINIMOHAN RAY MEDAL

Nandi, Praphullachandra Presidency College
Sarkar, Sukumarchandra ... Krishnath College, Berhampore

MONMOHINI MEDAL

Chattopadhyay, Jugalkisore Nibadhai H E School

NABAKRISTA KAR MEDAL

Mukhopadhyay, Gaurgopal Krishnagore Collegiate School
Bhattacharyya, Taraprasanna Bangabasi College

NABINCHANDRA KUNDU PRIZE

Mukhopadhyay, Gaurgopal Krishnagore Collegiate School

NARASINGHA DATTA SCHOLARSHIP

De, Dhirendranath St Xavier's College

N N GHOSH MEDAL

Gupta, Kuladacharan Presidency College

NARAYANCHANDRA SEN MEDAL

Sanyal, Sudhirkumar .. Howrah Zilla School
Ghosh, Nutbihari .. Bantra M S Palchaudhuri H E School

NAWAB ABDUL LATIF FATHER LAFONT SCHOLARSHIP

Helen Kohn .. Rangoon College

PACHETE PRIZE.

Bhattacharyya, Sachindranath .. Presidency College

PADMAVATI MEDAL

Rudra, Nalinibala . Diocessan College

PARBATICHARAN RAY MEDAL

Mukhopadhyay, Ramaprasad — University Law College
Mitra, Atulcharan ... Ditto

PEARYCHAND MITRA MEDAL

Abdul Malik ... Cotton College, Gauhati
Chaudhuri, Ramanimohan ... S C College

PEDLER MEMORIAL MEDAL OR PRIZE

De, Sureschandra .
Das, Rajanikanta . . } Rajshahi College
Sanyal, Sureschandra . .

PHILIP SAMUEL SMITH PRIZE

Das, Prabhakar . S C. College

PRASANNAKUMAR SARBADHIKARI MEDAL

Chakrabarti, Srinath . Cotton College, Gauhati

PRASANNAMAYEE DEVI PRIZE

Ghosh, Bela .. Bethune College

PRATAPCHANDRA MAJUMDAR MEDAL

Basu, Hariprasad — S C College

PREONATH DUTT LEGACY

Mitra, Ushabala — Bethune College
Banerjee, Sulatika — Ditto

P. MOOKERJEE MEDAL

Chakrabarti, Dukhaharan — Sanskrit Collegiate School

QUINLAN MEDAL

Raymitra, Manindranath — Presidency College

RADHAKANTA MEDAL

Bhaduri, Sadananda . . Presidency College

RAI ABHAYACHARAN MITRA, BAHADUR MEDAL

Ray, Nirmalkumar ... Munshiganj H. E. School

RAI AMRITANATH MITRA, BA ADUR PRIZE

Basu, Praphullakumar — St Xavier's College

RAI RADHIKA PRASANNA MUKERJEE, BAHADUR, MEDAL AND PRIZE

Medallist

Kar, Kalicharan — Fultala Reunion H E School

Prize Winner

Sarkar, Basantabihari — Presidency College

RAI DR SOORJEECOOMER SARBADHIKARI, BAHADUR, MEDALS

(Gold Medallist

1919 — Basumallik, Kanailal — Medical College

(Silver Medallist)

1919 — Basu, Ramranjan ... Medical College

(Gold Medallist)

1920 — Basu, Panchanan .. Medical College

(Silver Medallist)

1920 — Chakrabarti, Anilkumar — Medical College

RAIKISORI DASI AND DURGA DASI SCHOLARSHIP

Bandyopadhyay, Durgagati — Ilsoba Mondlai H F School

RAJENDRANATH DUTT MEDAI

Chattopadhyay, Jugalkisore .. Nibadhai H F School

RAJKRISHNA KSHETRAMANI SCHOLARSHIP

Basu, Bimalkumar .. Pabna Zila School
Ray, Krishnagopal ... South Suburban School

RAMTANU LAHIRI MEDAL

Bandyopadhyay Manindranath .. S C College

RITCHIE PRIZE

Chattopadhyay, Bireswar — University Law College
Mukhopadhyay, Ramaprasad — Ditto

SARADAPRASAD SCHOLARSHIP AND PRIZES

Prize Winners

Basu, Sudhendukumar (English)	Presidency College
Bhattacharyya, Sachindranath (Sanskrit)	Ditto
Chaudhuri, Santoshkumar (History)	South Suburban College
Bardhan, Niranjanmohan (Logic)	Comilla Victoria College
Ray, Susilkumar (Mathematics)	Presidency College
Basak, Kanticharan (Physics)	Ditto
Bhattacharyya, Taraprasanna (Chemistry)	Bangabasi College
Dasmajumdar, Satyendranath (Botany)	South Suburban College

Scholar

Acharyya, Subodhchandra	Central College

SARVESWARA AND PURNACHANDRA MEDAL

Deb, Manindramohan	Presidency College

SIDHESWAR, SANTAMANI AND PASUPATI MEDALS

Begum Sultan Muwayyidzada (Santamani Medallist)	Diocesan College
Basu, Panchanan Pasupati Medallist)	Medical College

SINDHUBALA DEVI MEDAL

De, Asutosh	Presidency College

SREEKANTA SCHOLARSHIP

Biswas, Surendranath	Taki Govt School

STEPHEN FINNEY MEDAL

Mitra, Bijanchandra	Presidency College

TARAKNATH RAY (OF BHATPARA) PRIZE

Haldar, Bholanath	Hugli College

TAWNEY MEMORIAL PRIZE.

Guharay, Sailendranath	Presidency College

THAKURDAS BANERJEE SCHOLARSHIP

Sen, Satisranjan	Barasat Govt. School

THAKURDAS KERR MEDAL.

Sen, Binaychandra	Presidency College

TREVOR MEDAL AND PRIZE

Nag, Surendrakumar — B. E College, Sibpur.

TRIPUNDESWAR MITRA MEDAL

Ray, Amiyakrishna — Presidency College

UMESCHANDRA SARVAMANGALA PRIZE

Hazra, Karunakumar — Howrah Zilla School

VIDYASAGORE MEDAL

Abdul Majid — Presidency College.

WILLIAM SMITH MEMORIAL PRIZE

Bandyopadhyay, Manindranath — S C College

WOODROW SCHOLARSHIP.

Sinha, Nripendranath .. Presidency College

WOOMESCHANDRA MOOKERJEE MEDAL.

Dasgupta, Santiprabha ... Bethune College.

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