UNIVERSAL
LIBRARY

OU_156146

UNIVERSAL
LIBRARY

BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION, UNITED PROVINCES

CALENDAR

for the year

1926-1927

Published under the Authority of
The Board of High School and Intermediate Education,
United Provinces, Allahabad
1927

BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION, UNITED PROVINCES

CALENDAR

for the year

1926-1927

PRINTED BY THE

SUPERINTENDENT, GOVERNMENT PRESS, UNITED PROVINCES,

ALLAHABAD.

CONTENTS.

		PAGES.
ALMANAC	.. ..	1—25
PART I.—THE INTERMEDIATE EDUCATION ACT, 1921	.. ..	26—35
Section 1.	Short title, extent and commencement ..	26—27
,, 2.	Definitions	27
,, 3.	Constitution of the Board	27—28
,, 4.	Term of office of members	28
,, 5.	Filling of vacancies on expiry of term of office ..	29
,, 6.	Publication of names	*ib.*
,, 7.	Powers of the Board	29—30
,, 8.	Exemption of certain Universities from the operation of the Act	30
,, 9.	Powers of Minister	*ib.*
,, 10.	Officers of the Board	*ib*
,, 11.	Powers and duties of Chairman	31
,, 12.	Appointment, powers and duties of Secretary ..	31—32
,, 13.	Appointment and constitution of Committees ..	32
,, 14.	Exercise of powers delegated by Board to Committees	*ib.*
,, 15.	Power of Board to make regulations	32—33
,, 16.	Previous publication and sanction of regulations made by Board	33
,, 17.	Duty of Board to submit regulations and power of Minister to make regulations in default of Board	33—34
,, 18.	Casual vacancies	34
,, 19.	Proceedings not invalidated by reason of vacancies	*ib.*
,, 20.	Power of Board and Committees to make byelaws	34—35
PART II.—LIST OF OFFICERS AND AUTHORITIES	.. ..	36—48
Officers of the Board	.. ..	36
Members of the Board	.. ..	36—39
Members of the Committees of Courses	.. ..	39—45
(1) Members of the Committee of Courses in English	..	39
(2) Ditto ditto Sanskrit and Hindi	.. ..	40
(3) Members of the Committee of Courses in Arabic, Persian and Urdu	.. .. ..	*ib.*
(4) Members of the Committee of Courses in History and Civics	.. ..	40—41

	PAGES.
(5) Members of the Committee of Courses in Geography ..	41
(6) Ditto ditto Bengali, Marathi, and Gujarati	*ib*
(7) Members of the Committee of Courses in Greek, Latin, Hebrew and Modern European Languages ..	41—42
(8) Members of the Committee of Courses in Mathematics	42
(9) Ditto ditto Physics ..	*ib.*
(10) Ditto ditto Chemistry ..	42—43
(11) Ditto ditto Biology ..	43
(12) Ditto ditto Agriculture..	*ib.*
(13) Ditto ditto Drawing, Manual Training and Metal Work	43—44
(14) Members of the Committee of Courses in Domestic Science, Physiology, Hygiene and Child-Study ..	44
(15) Members of the Committee of Courses in Commerce..	*ib.*
(16) Ditto ditto Economics..	44—45
(17) Ditto ditto Logic ..	45
(18) Ditto ditto Indian Music	*ib.*
Members of the Examinations' Committee	*ib.*
Ditto Recognition ,, ...	46
Ditto Finance ,, ...	*ib.*
Ditto Curriculum ,, ...	46—47
Ditto Committee to scrutinize applications from private candidates	47
Ditto Results Committee	*ib.*
Representatives of the Board on other Bodies	48
PART III.—THE REGULATIONS OF THE BOARD	49—80
Chapter I.—Definitions	49—50
,, II.—The Board	50
,, III.—The Secretary	50—51
,, IV.—Committees of the Board	51—52
,, V.—Committees of Courses	52—54
,, VI.—The Examinations' Committee ..	54—55
,, VII.—Recognition of institutions by the Board..	55—59
,, VIII.—The Finance Committee	60
,, IX.—The Curriculum Committee	60—61
,, X.—Conditions under which grants-in-aid may be given to recognized institutions ..	61
,, XI.—Residence of students	61—62
,, XII.—Examinations	62—68
,, XIII.—High School Examination	68—71
,, XIV.—Intermediate Examination	71—75
,, XV.—Commercial Diploma Examination ..	75

	Pages.
Chapter XV(*a*).—Agricultural Diploma Examination ..	76
„ XVI.—Election of members of the Board under clauses (*c*) and (*e*) of sub-section (1) of section 8 of the Intermediate Education Act, 1921	76—78
„ XVII.—Miscellaneous	79—80
PART IV.—RULES OF THE EXAMINATIONS' COMMITTEE ..	81—83
List of the Examination Centres	84—86
Rates of Honoraria	87—89
Boards of Moderators	90—93
PART V.—MISCELLANEOUS RULES (*e.g.*, TRAVELLING ALLOWANCE RATES)	94
PART VI.—COURSES OF STUDIES FOR 1928—	95—205
The High School Examination	95—142
The Intermediate Examination	143—181
The Commercial Diploma Examination	182—188
The Agricultural Diploma Examination	189—205
COURSES OF STUDIES FOR 1929—	206—319
The High School Examination	206—255
The Intermediate Examination	256—295
The Commercial Diploma Examination	296—302
The Agricultural Diploma Examination	303—310
PART VII.—LIST OF INSTITUTIONS IN AND OUTSIDE THE UNITED PROVINCES RECOGNISED FOR THE EXAMINATIONS CONDUCTED BY THE BOARD OF 1928	320—353
APPENDIX A.—DATES OF EXAMINATIONS	354
„ B.—BYELAWS OF THE BOARD	355—361
„ C.—LIST OF THE PANEL OF INSPECTORS FOR THE INSPECTION OF INTERMEDIATE COLLEGES ..	362—366
„ D.—LIST OF THE TEACHING STAFF OF COLLEGES IN AND OUTSIDE THE UNITED PROVINCES RECOGNISED BY THE BOARD	367—464
Meerut College	367—370
D. A.-V. Intermediate College, Dehra Dun	371—373
N. R. E. C. Intermediate College, Khurja	374—376
Agra College	376—379
St. John's College, Agra	379—382
Radhaswami Educational Institute, Agra	382—384
Bareilly College	385—388
Shyam Sundar Memorial Intermediate College, Chandausi	388—391
Christ Church College, Cawnpore	391—393
D. A.-V. College, Cawnpore	393—395

PAGES.

Bishambhar Nath Sanatan Dharma Intermediate College, Cawnpore .. .. 396—397
Ewing Christian College, Allahabad .. .. 397—400
Kayastha Pathshala Intermediate College, Allahabad .. 400—402
Anglo-Bengali Intermediate College, Allahabad .. 402—405
Udai Pratab College and Hewett Kshattriya School, Benares .. .. 405—408
St. Andrew's College, Gorakhpur .. .. .. 408—409
Lucknow Christian College, Lucknow .. .. 409—413
Shia Intermediate College, Lucknow .. .. 413—415
Kanya Kubja Intermediate College, Lucknow 415- 416
St. George's College, Mussoorie .. .. .. 416—418
St. Joseph's College, Naini Tal 418
La Martinière College, Lucknow .. .. .. 419—420
Boys' Intermediate College, Allahabad 421
Crosthwaite Girls' Intermediate College, Allahabad .. 421—423
Isabella Thoburn College, Lucknow.. .. .. 423—424
Theosophical National Girls' School and Women's College, Benares .. .. 425—426
Government Intermediate College, Moradabad.. .. 426—428
Government Intermediate College, Allahabad .. .. 428—431
Government Intermediate College, Etawah .. .. 431—434
Government Intermediate College, Jhansi 434- 435
Queen's Intermediate College, Benares .. .. 436—438
Government Intermediate College, Almora .. .. 438—440
Government Jubilee Intermediate College, Lucknow .. 440—442
Government Intermediate College, Fyzabad .. .. 442—445
Sanatan Dharm College of Commerce, Cawnpore .. 445—447
Agricultural Institute, Naini, Allahabad .. .. 447—449
Agricultural College, Cawnpore .. .. .. 449—451
Government College, Ajmer .. .. .. 451—453
Maharaja's Intermediate College, Jaipur .. .. 453—454
Maharana's Intermediate College, Udaipur .. .. 455—456
Jaswant College, Jodhpur .. .. .. 456—457
Herbert Intermediate College, Kotah .. .. 457—459
Victoria College, Lashkar (Gwalior) .. .. 460—461
Indore Christian College, Indore .. .. .. 461—462
Holkar College, Indore .. .. 462—464

APPENDIX E.—MINIMUM QUALIFICATIONS OF TEACHERS IN RECOGNISED HIGH SCHOOLS AND INTERMEDIATE COLLEGES .. .. 465—467

PAGES.

APPENDIX F.—RECOGNITION OF BOARD'S EXAMINATIONS BY THE INDIAN AND FOREIGN UNIVERSITIES FOR PURPOSES OF ADMISSION TO THE UNIVERSITIES.. 468

APPENDIX G —LIST OF SUCCESSFUL [CANDIDATES AT THE INTERMEDIATE EXAMINATION OF 1927 .. .. 469—513

APPENDIX H.—LISTS OF THE MINIMUM REQUIREMENTS OF SCIENCE MATERIAL AND APPARATUS FOR A HIGH SCHOOL AND AN INTERMEDIATE COLLEGE 514—536

APPENDIX I.—FORMS .. .. 537—619

** (1) Forms of applications for the recognition of institutions for the Board's examinations.. .. .. 537—565

(2) Forms of applications for admission to the Board's examinations .. .. 566—614

(3) Forms of certificates awarded to successful candidates at the Board's examinations .. .. 615—618

(4) Form of application for Examinership for the Board's examinations 619

BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION, UNITED PROVINCES.

ALMANAC

JANUARY, 1926—DECEMBER, 1927.

JANUARY, 1926.		
1	Fri.	
2	Sat.	
3	**Sun.**	
4	Mon.	
5	Tues.	
6	Wed.	
7	Thur.	The Intermediate Education Act, 1921, was published under section 81 of the Government of India Act (1922).
8	Fri.	
9	Sat.	
10	**Sun.**	
11	Mon.	
12	Tues.	
13	Wed.	
14	Thur.	
15	Fri.	
16	Sat.	
17	**Sun.**	
18	Mon.	
19	Tues.	
20	Wed.	
21	Thur.	
22	Fri.	
23	Sat.	
24	**Sun.**	
25	Mon.	
26	Tues.	
27	Wed.	
28	Thur.	
29	Fri.	
30	Sat.	
31	**Sun.**	

FEBRUARY, 1926.		
1	Mon.	
2	Tues.	
3	Wed.	The Regulations of the Board of High School and Intermediate Education, United Provinces, came into force (1923).
4	Thur.	Meetings of the Committees appointed by the Board (1—4).
5	Fri.	Meeting of the Board.
6	Sat.	
7	**Sun.**	
8	Mon.	
9	Tues.	
10	Wed.	
11	Thur.	
12	Fri.	
13	Sat.	
14	**Sun.**	
15	Mon.	
16	Tues.	
17	Wed.	
18	Thur.	
19	Fri.	
20	Sat.	
21	**Sun.**	
22	Mon.	
23	Tues.	
24	Wed.	
25	Thur.	
26	Fri.	
27	Sat.	
28	**Sun.**	

MARCH, 1926.		
1	Mon.	
2	Tues.	The Board's examinations of 1926 commenced
3	Wed.	
4	Thur.	
5	Fri.	
6	Sat.	
7	**Sun.**	
8	Mon.	
9	Tues.	
10	Wed.	
11	Thur.	
12	Fri.	
13	Sat.	
14	**Sun.**	
15	Mon.	
16	Tues.	
17	Wed.	
18	Thur.	
19	Fri.	
20	Sat.	
21	**Sun.**	
22	Mon.	
23	Tues.	
24	Wed.	
25	Thur.	
26	Fri.	
27	Sat.	
28	**Sun.**	
29	Mon.	
30	Tues.	
31	Wed.	The term of office of members of the first Board and of the Committees appointed by it expired (1925).

APRIL, 1926.		
1	Thur.	Establishment of the Board of High School and Intermediate Education, United Provinces (1922).
2	Fri.	
3	Sat.	
4	**Sun.**	
5	Mon.	
6	Tues.	
7	Wed.	
8	Thur.	
9	Fri.	
10	Sat.	
11	**Sun.**	
12	Mon.	
13	Tues.	
14	Wed.	
15	Thur.	
16	Fri.	
17	Sat.	
18	**Sun.**	
19	Mon.	
20	Tues.	
21	Wed.	
22	Thur.	
23	Fri.	Inaugural meeting of the Board (1922).
24	Sat.	
25	**Sun.**	
26	Mon.	
27	Tues.	
28	Wed.	
29	Thur.	
30	Fri.	

MAY, 1926.

1	Sat.	
2	**Sun.**	
3	Mon.	
4	Tues	
5	Wed.	
6	Thur.	
7	Fri.	
8	Sat.	
9	**Sun.**	
10	Mon.	
11	Tues.	
12	Wed.	
13	Thur.	
14	Fri.	
15	Sat.	
16	**Sun.**	
17	Mon.	
18	Tues	
19	Wed.	
20	Thur.	
21	Fri.	
22	Sat.	
23	**Sun.**	
24	Mon.	
25	Tues.	
26	Wed.	
27	Thur.	
28	Fri.	
29	Sat.	
30	**Sun.**	
31	Mon.	

JUNE, 1926.

1	Tues.	
2	Wed.	
3	Thur.	
4	Fri.	
5	Sat.	
6	**Sun.**	
7	Mon.	
8	Tues.	
9	Wed.	
10	Thur.	
11	Fri.	
12	Sat.	
13	**Sun.**	
14	Mon.	
15	Tues.	
16	Wed.	
17	Thur.	
18	Fri.	
19	Sat.	
20	**Sun.**	
21	Mon.	
22	Tues.	
23	Wed.	
24	Thur.	
25	Fri.	
26	Sat.	
27	**Sun.**	
28	Mon.	
29	Tues.	
30	Wed.	

JULY, 1926.		
1	Thur.	
2	Fri.	
3	Sat.	
4	**Sun.**	
5	Mon.	
6	Tues.	
7	Wed.	
8	Thur.	
9	Fri.	
10	Sat.	
11	**Sun.**	
12	Mon.	
13	Tues.	
14	Wed.	
15	Thur.	
16	Fri.	
17	Sat.	
18	**Sun.**	
19	Mon.	
20	Tues.	
21	Wed.	
22	Thur.	
23	Fri.	
24	Sat.	
25	**Sun.**	
26	Mon.	
27	Tues	
28	Wed.	
29	Thur	
30	Fri.	
31	Sat.	

AUGUST, 1926.		
1	**Sun.**	
2	Mon.	
3	Tues.	
4	Wed.	
5	Thur.	
6	Fri.	
7	Sat.	
8	**Sun.**	
9	Mon.	
10	Tues.	
11	Wed.	
12	Thur	
13	Fri.	
14	Sat.	
15	**Sun.**	
16	Mon.	
17	Tues.	The first meeting of the first Board fully constituted (1922).
18	Wed.	
19	Thur.	
20	Fri.	
21	Sat.	
22	**Sun.**	
23	Mon.	
24	Tues	
25	Wed.	
26	Thur.	
27	Fri.	
28	Sat.	
29	**Sun.**	
30	Mon.	
31	Tues.	

SEPTEMBER, 1926.		
1	Wed.	
2	Thur.	
3	Fri.	
4	Sat.	
5	**Sun.**	
6	Mon.	
7	Tues.	
8	Wed.	
9	Thur.	
10	Fri.	
11	Sat.	
12	**Sun.**	
13	Mon.	
14	Tues.	
15	Wed.	
16	Thur.	
17	Fri.	
18	Sat.	
19	**Sun.**	
20	Mon.	
21	Tues.	
22	Wed.	
23	Thur.	
24	Fri.	
25	Sat.	
26	**Sun**	
27	Mon.	
28	Tues.	
29	Wed.	
30	Thur.	The Intermediate Education Act, 1921, received the assent of the Governor of the United Provinces (1921).

October, 1926.

1	Fri.	*Last date of receiving applications from intending private candidates for the examinations of* 1927.
2	Sat.	
3	**Sun.**	
4	Mon.	
5	Tues.	
6	Wed.	
7	Thur.	
8	Fri.	
9	Sat.	
10	**Sun.**	
11	Mon	
12	Tues.	
13	Wed.	
14	Thur.	
15	Fri.	
16	Sat.	
17	**Sun.**	
18	Mon.	
19	Tues.	
20	Wed.	
21	Thur.	
22	Fri.	
23	Sat.	
24	**Sun.**	
25	Mon.	
26	Tues.	
27	Wed.	
28	Thur.	
29	Fri.	
30	Sat.	Meetings of the Committees appointed by the Board.
31	**Sun.**	

NOVEMBER, 1926.

1	Mon.	Meetings of the Committees appointed by the Board.
2	Tues.	
3	Wed.	Annual meeting of the Board.
4	Thur.	
5	Fri.	
6	Sat.	
7	**Sun.**	
8	Mon.	
9	Tues.	
10	Wed.	
11	Thur	
12	Fri.	
13	Sat.	
14	**Sun.**	
15	Mon.	
16	Tues.	
17	Wed.	
18	Thur.	
19	Fri.	
20	Sat.	
21	**Sun.**	
22	Mon.	
23	Tues.	
24	Wed.	
25	Thur.	
26	Fri.	
27	Sat.	
28	**Sun.**	
29	Mon.	
30	Tues.	

DECEMBER, 1926.

1	Wed.	
2	Thur.	
3	Fri.	
4	Sat.	
5	**Sun.**	
6	Mon.	
7	Tues.	
8	Wed.	
9	Thur.	
10	Fri.	The Intermediate Education Act, 1921, received
11	Sat.	the assent of the Governor General (1921).
12	**Sun.**	
13	Mon.	
14	Tues.	
15	Wed.	
16	Thur.	
17	Fri.	
18	Sat.	
19	**Sun.**	
20	Mon.	
21	Tues.	
22	Wed.	
23	Thur.	
24	Fri.	
25	Sat.	
26	**Sun.**	
27	Mon.	
28	Tues.	
29	Wed.	
30	Thur.	
31	Fri.	

JANUARY, 1927.		
1	Sat.	
2	**Sun.**	
3	Mon	
4	Tues.	
5	Wed.	*Last date of receiving applications from regular students for the examinations of 1927.*
6	Thur	
7	Fri.	
8	Sat.	
9	**Sun.**	
10	Mon.	
11	Tues.	
12	Wed.	
13	Thur.	
14	Fri.	
15	Sat.	
16	**Sun.**	
17	Mon.	
18	Tues.	
19	Wed	
20	Thur.	
21	Fri	
22	Sat.	
23	**Sun.**	
24	Mon.	
25	Tues.	
26	Wed	
27	Thur.	
28	Fri.	
29	Sat.	
30	**Sun.**	
31	Mon.	

FEBRUARY, 1927.		
1	Tues.	
2	Wed.	
3	Thur.	
4	Fri.	
5	Sat.	
6	**Sun.**	
7	Mon.	Meetings of the Committees appointed by the Board.
8	Tues.	
9	Wed.	
10	Thur.	
11	Fri.	Meeting of the Board.
12	Sat.	
13	**Sun.**	
14	Mon.	
15	Tues.	
16	Wed.	
17	Thur.	
18	Fri.	
19	Sat.	
20	**Sun.**	
21	Mon.	
22	Tues.	
23	Wed.	
24	Thur	
25	Fri.	
26	Sat.	
27	**Sun.**	
28	Mon.	

MARCH, 1927.		
1	Tues.	
2	Wed.	
3	Thur.	
4	Fri.	
5	Sat.	
6	**Sun.**	
7	Mon.	
8	Tues.	
9	Wed.	
10	Thur.	
11	Fri.	
12	Sat.	
13	**Sun.**	
14	Mon.	
15	Tues.	
16	Wed.	
17	Thur.	
18	Fri.	
19	Sat.	
20	**Sun.**	
21	Mon.	
22	Tues.	
23	Wed.	
24	Thur.	
25	Fri.	
26	Sat.	
27	**Sun.**	
28	Mon.	
29	Tues.	
30	Wed.	
31	Thur.	

APRIL, 1927.		
1	Fri.	
2	Sat.	
3	**Sun.**	
4	Mon.	
5	Tues.	
6	Wed.	The Board's examinations of 1927 commenced.
7	Thur.	
8	Fri.	
9	Sat.	
10	**Sun.**	
11	Mon.	
12	Tues.	
13	Wed.	
14	Thur	
15	Fri.	
16	Sat.	
17	**Sun.**	
18	Mon.	
19	Tues.	
20	Wed.	
21	Thur.	
22	Fri.	
23	Sat.	
24	**Sun.**	
25	Mon.	
26	Tues.	
27	Wed.	
28	Thur.	
29	Fri.	
30	Sat.	

MAY, 1927.		
1	**Sun.**	
2	Mon.	
3	Tues.	
4	Wed.	
5	Thur.	
6	Fri.	
7	Sat.	
8	**Sun.**	
9	Mon.	
10	Tues.	
11	Wed.	
12	Thur.	
13	Fri.	
14	Sat.	
15	**Sun.**	
16	Mon.	
17	Tues.	
18	Wed.	
19	Thur.	
20	Fri.	
21	Sat.	
22	**Sun.**	
23	Mon.	
24	Tues.	
25	Wed.	
26	Thur.	
27	Fri.	
28	Sat.	
29	**Sun.**	
30	Mon.	
31	Tues	

JUNE, 1927.

1	Wed.	
2	Thur.	
3	Fri.	
4	Sat.	
5	**Sun.**	
6	Mon.	
7	Tues.	
8	Wed.	
9	Thur.	
10	Fri.	
11	Sat.	
12	**Sun.**	
13	Mon.	
14	Tues.	
15	Wed.	
16	Thur.	
17	Fri.	
18	Sat.	
19	**Sun.**	
20	Mon.	
21	Tues.	
22	Wed.	
23	Thur.	
24	Fri.	
25	Sat.	
26	**Sun.**	
27	Mon.	
28	Tues.	
29	Wed.	
30	Thur.	

JULY, 1927.		
1	Fri.	
2	Sat.	
3	**Sun.**	
4	Mon.	
5	Tues.	
6	Wed.	
7	Thur.	
8	Fri.	
9	Sat.	
10	**Sun.**	
11	Mon.	
12	Tues.	
13	Wed.	
14	Thur.	
15	Fri.	
16	Sat.	
17	**Sun.**	
18	Mon.	
19	Tues.	
20	Wed.	
21	Thur.	
22	Fri.	
23	Sat.	
24	**Sun.**	
25	Mon.	
26	Tues.	
27	Wed.	
28	Thur.	
29	Fri.	
30	Sat.	
31	**Sun.**	

AUGUST, 1927.		
1	Mon.	
2	Tues.	
3	Wed.	
4	Thur.	
5	Fri.	
6	Sat.	
7	**Sun.**	
8	Mon.	
9	Tues.	
10	Wed.	
11	Thur.	
12	Fri.	
13	Sat.	
14	**Sun.**	
15	Mon.	
16	Tues.	
17	Wed.	
18	Thur.	
19	Fri.	
20	Sat.	
21	**Sun.**	
22	Mon.	
23	Tues.	
24	Wed.	
25	Thur.	
26	Fri.	
27	Sat.	
28	**Sun.**	
29	Mon.	
30	Tues.	
31	Wed.	

September, 1927.

1	Thur.	
2	Fri.	
3	Sat.	
4	**Sun.**	
5	Mon.	
6	Tues.	
7	Wed.	
8	Thur.	
9	Fri.	
10	Sat.	
11	**Sun.**	
12	Mon.	
13	Tues.	
14	Wed.	
15	Thur.	
16	Fri.	
17	Sat.	
18	**Sun.**	
19	Mon.	
20	Tues.	
21	Wed.	
22	Thur.	
23	Fri.	
24	Sat.	
25	**Sun.**	
26	Mon.	
27	Tues.	
28	Wed.	
29	Thur.	
30	Fri.	

OCTOBER, 1927.		
1	Sat.	*Last date of receiving applications from intending private candidates for the examinations of* 1928.
2	**Sun.**	
3	Mon.	
4	Tues.	
5	Wed.	
6	Thur.	
7	Fri.	
8	Sat.	
9	**Sun.**	
10	Mon.	
11	Tues.	
12	Wed.	
13	Thur.	
14	Fri.	
15	Sat.	
16	**Sun.**	
17	Mon.	
18	Tues.	
19	Wed.	
20	Thur.	
21	Fri.	
22	Sat.	
23	**Sun.**	
24	Mon.	
25	Tues.	
26	Wed.	
27	Thur.	
28	Fri.	
29	Sat.	
30	**Sun.**	
31	Mon.	

November, 1927.

1	Tues.	
2	Wed.	
3	Thur.	
4	Fri.	
5	Sat.	
6	**Sun.**	
7	Mon.	Meetings of the Committees appointed by the Board.
8	Tues.	
9	Wed.	
10	Thur.	Annual meeting of the Board.
11	Fri.	
12	Sat.	
13	**Sun.**	
14	Mon.	
15	Tues.	
16	Wed.	
17	Thur.	
18	Fri.	
19	Sat.	
20	**Sun.**	
21	Mon.	
22	Tues.	
23	Wed.	
24	Thur.	
25	Fri.	
26	Sat.	
27	**Sun.**	
28	Mon.	
29	Tues.	
30	Wed.	

DECEMBER, 1927.

1	Thur.	
2	Fri.	
3	Sat.	
4	**Sun.**	
5	Mon.	
6	Tues.	
7	Wed.	
8	Thur.	
9	Fri.	
10	Sat.	
11	**Sun.**	
12	Mon.	
13	Tues.	
14	Wed.	
15	Thur.	
16	Fri.	
17	Sat	
18	**Sun.**	
19	Mon.	
20	Tues.	
21	Wed.	
22	Thur.	
23	Fri.	
24	Sat.	
25	**Sun.**	
26	Mon.	
27	Tues.	
28	Wed.	
29	Thur.	
30	Fri.	
31	Sat.	

BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION, UNITED PROVINCES.

THE INTERMEDIATE EDUCATON ACT, 1921.

UNITED PROVINCES ACT No. II OF 1921.

[PASSED BY THE LOCAL LEGISLATURE OF THE UNITED PROVINCES OF AGRA AND OUDH.]

Received the assent of the Governor of the United Provinces of Agra and Oudh on the 30th September, 1921, *and of the Governor General on the 10th December*, 1921, *and was published under section* 81 *of the Government of India Act on the 7th January*, 1922.

An Act for the establishment of a Board of High School and Intermediate Education.

WHEREAS it is expedient to establish a Board to take the place of the Allahabad University in regulating and supervising the system of High School and Intermediate Education in the United Provinces, and to prescribe courses for English Middle classes, subject to the control of the Local Government: It is hereby enacted as follows:—

Short title, extent, and commencement.

1. (1) This Act may be called the Intermediate Education Act, 1921.

(2) It extends to the territories for the time being administered by the Local Government of the United Provinces.

(3) It shall come into force on such date as the Local Government may, by notification in the Gazette, direct.

Definitions.

2. In this Act, and in all regulations made hereunder, unless there is anything repugnant in the subject or context,—

(*a*) "Board" means the Board of High School and Intermediate Education;

(*b*) "Institution" means the whole of an institution, or a part thereof, as the case may be;

(*c*) "Minister" means Minister for Education in the United Provinces;

(*d*) "Recognition" means recognition for the purpose of preparing candidates for admission to the Board's examinations;

(*e*) "Regulations" means regulations made by the Board under this Act.

Constitution of the Board.

3. (1) The Board shall be established as soon as may be after this Act has come into force, and shall consist of—

(*a*) the Director of Public Instruction (*ex officio* Chairman);

(*b*) two Principals of Intermediate colleges maintained by Government, appointed by the Minister;

(*c*) four Principals of Intermediate colleges not maintained by Government, elected from among themselves;

(*d*) one head master of a High School maintained by Government, appointed by the Minister;

(*e*) two head masters of High Schools not maintained by Government, elected from among themselves;

(*f*) a representative of Engineering, appointed by the Minister;

(*g*) a representative of Agriculture, appointed by the Minister;

(*h*) a member of the Medical profession, appointed by the United Provinces Medical Council;

(*i*) a member of the staff of a Training College for teachers, appointed by the Minister;

(*j*) a representative of Industries, appointed by the Minister;

(*k*) a lady appointed by the Minister to represent women's education;

(*l*) representatives elected by Universities established by law in the United Provinces, whose number shall be, as nearly as possible, one-third of the total number of the other members of the Board;

Explanation.—The number of representatives to be assigned to each University under clause (*l*) of sub-section (1) shall be fixed by the Minister;

(*m*) three members elected by the non-official members of the Legislative Council;

(*n*) one member each appointed by the Upper India Chamber of Commerce and the United Provinces Chamber of Commerce;

(*o*) one member each appointed by the British Indian Association and by the Agra Landholders' Association.

(2) Persons not more than three in number may be nominated by the Minister to secure the representation of minorities not otherwise adequately represented.

(3) The Board shall be authorized to co-opt persons, not exceeding three in number, on account of their possessing expert knowledge in subjects of study included in the courses prescribed by the Board.

Term of office of members.

4. (1) Members other than *ex officio* and co-opted members shall hold office for a term of three years from the date of the notification published under section 6.

(2) The term of office of co-opted members shall terminate on the same date as that of other appointed members.

Filling of vacancies on expiry of term of office.

5. When the prescribed term of office of members other than *ex officio* members has expired, the vacancies so caused shall be filled as soon as conveniently may be in accordance with sub-section (1) of section 3.

Publication of names.

6. The names of the persons who have been nominated or elected to be members of the Board, in accordance with sub-sections (1) and (2) of section 3 or with section 5, shall be published by notification in the Gazette.

Powers of the Board.

7. Subject to the provisions of this Act the Board shall have the following powers, namely :—

(1) to prescribe courses of instruction for the Intermediate classes and the High and Middle sections of English schools in such branches of education as it may think fit;

(2) to grant diplomas or certificates to persons who—

(*a*) have pursued a course of study in an institution admitted to the privileges of recognition by the Board, or

(*b*) are teachers, or

(*c*) have studied privately under conditions laid down in the regulations, and have passed the examinations of the Board under like conditions;

(3) to conduct examinations at the end of the High School and Intermediate courses ;

(4) to recognize institutions for the purposes of its examinations ;

(5) to admit candidates to its examinations;

(6) to demand and receive such fees as may be prescribed in the regulations ;

(7) to publish the results of its examinations;

(8) to co-operate with other authorities in such manner and for such purposes as the Board may determine ;

(9) to call for reports from the department of Public Instruction on the condition of recognized institutions or of institutions applying for recognition ;

(10) to submit to the Minister its views on any matter with which it is concerned ;

(11) to see the schedules of new demands proposed to be included in the budget relating to institutions recognized by it and to submit, if it thinks fit, its views thereon for the consideration of the Minister;

(12) to do all such other acts and things as may be requisite in order to further the objects of the Board as a body constituted for regulating and supervising High School and Intermediate Education.

Exemption of certain Universities from the operation of the Act.

8. Nothing in the Act shall affect the constitution, powers or functions of the Benares Hindu University, the Aligarh Moslem University or the Lucknow University, except with their consent recorded in writing.

Powers of Minister.

9. (1) The Minister shall have the right to address the Board with reference to any of the work conducted or done by the Board and to communicate to the Board his views on any matter with which the Board is concerned.

(2) The Board shall report to the Minister such action, if any, as it is proposed to take or has been taken upon his communication.

(3) If the Board does not, within a reasonable time, take action to the satisfaction of the Minister, the Minister may, after considering any explanation furnished or representation made by the Board, issue such directions consistent with this Act as he may think fit, and the Board shall comply with such directions.

(4) In any emergency which, in the opinion of the Minister, requires that immediate action should be taken, the Minister may take such action consistent with this Act as he deems necessary without previous consultation with the Board, and shall forthwith inform the Board thereof.

Officers of the Board.

10. The following shall be the officers of the Board :—

(1) The Chairman.

(2) The Secretary.

(3) Such other officers as may be declared by the regulations to be officers of the Board.

Powers and duties of Chairman.

11. (1) It shall be the duty of the Chairman to see that this Act and the regulations are faithfully observed, and he shall have all powers necessary for this purpose.

(2) The Chairman shall have power to convene meetings of the Board, and shall call a meeting at any time after due notice, on a requisition signed by not less than five members of the Board and stating the business to be brought before the meeting.

(3) In any emergency, arising out of the administrative business of the Board, which, in the opinion of the Chairman, requires that immediate action should be taken, the Chairman shall take such action as he deems necessary, and shall thereafter report his action to the Board at its next meeting.

(4) The Chairman shall exercise such other powers as may be prescribed by the regulations.

Appointm powers and duties of Secretary.

12. (1) The Secretary shall be appointed by the Minister upon such conditions and for such period as the Minister may deem fit.

He shall be removable from office by the votes of not less than three-fourths of the members present at a special meeting of the Board at which not less than one-half of the total number of the members are present.

(2) The Secretary shall, subject to the control of the Board, be the administrative officer of the Board. He shall be responsible for the presentation of the annual estimates and statement of accounts.

(3) He shall be responsible for seeing that all moneys are expended on the purpose for which they are granted or allotted.

(4) He shall be responsible for keeping the minutes of the Board.

(5) He shall exercise such other powers as may be prescribed by the regulations.

(6) He shall be entitled to be present and to speak at any meeting of the Board, but shall not be entitled to vote thereat.

Appointment and constitution of Committees.

13. (1) The Board shall appoint Committees of Courses, an Examinations' Committee, a Committee for Recognition, a Finance Committee, and such other Committees, if any, as may be prescribed by the regulations.

(2) Such Committees shall consist of members of the Board and of such other persons, if any, as the Board in each case may think fit.

(3) A Committee may co-opt persons to serve thereon up to a limit of one-third of the total number of members of the Committee.

(4) Members of Committees other than co-opted members shall hold office for a period of three years.

The term of office of co-opted members shall be one year:

Provided that the term of office of members of a Committee, whether they are members of the Board or not, shall not extend beyond that of appointed members of the Board.

Exercise of powers delegated by Board to Committees.

14. All matters relating to the exercise by the Board of powers conferred upon it by this Act which have by regulation been delegated by the Board to any one of its committees shall stand referred to that Committee, and the Board before exercising any such powers shall receive and consider the report of the Committee with respect to the matter in question.

REGULATIONS.

Power of Board to make regulations.

15. (1) The Board may make regulations for the purpose of carrying into effect the provisions of this Act.

(2) In particular and without prejudice to the generality of the foregoing power the Board may make regulations providing for all or any of the following matters, namely :—

(*a*) the constitution, powers and duties of Committees;

(*b*) the conferment of diplomas and certificates;

(*c*) the conditions of recognition of institutions for the purposes of its examinations;

(*d*) the courses of study to be laid down for all certificates and diplomas;

(*e*) the conditions under which candidates shall be admitted to the examinations of the Board and shall be eligible for diplomas and certificates;

(*f*) the fees for admission to the examinations of the Board;

(*g*) the conduct of examinations;

(*h*) the appointment of examiners and their duties and powers in relation to the Board's examinations;

(*i*) the election of members to the Board under clauses (*c*) and (*e*) of sub-section (1) of section 3;

(*j*) the admission of institutions to the privileges of recognition and the withdrawal of recognition;

(*k*) all matters which by this Act are to be or may be provided for by regulations;

(*l*) the conditions under which grants-in-aid shall be given to institutions recognized by the Board.

Previous publication and sanction of regulations made by Board.

16. Regulations under section 15 shall not be made except after publication and shall not take effect until they have been sanctioned by the Minister and published in the Gazette.

Duty of Board to submit regulations and power of Minister to make regulations in default of Board.

17. (1) Within six months from the commencement of this Act or within such further period as the Local Government may fix in this behalf—

(*a*) the Board as constituted under this Act shall prepare a body of regulations for the sanction of the Minister;

(*b*) if any alterations in, or additions to, the draft regulations submitted appear to the Minister to be necessary, the Minister may, after consulting the Board, sanction the proposed body of regulations with such additions and alterations as appear to be necessary.

(2) If a draft body of regulations is not submitted by the Board within the period of six months from the commencement of this Act or within such further period as may be fixed under sub-section (1), the Minister may, within six months after the expiry of such period or of such further period, make, after previous publication, regulations which shall have the same force as if they had been prepared and sanctioned under sub-section (1).

Casual vacancies.

18. All casual vacancies among the members (other than *ex officio* members) of the Board or of a committee appointed by the Board shall be filled as soon as conveniently may be by the person or body who appointed, elected or co-opted the member whose place has become vacant, and the person appointed, elected or co-opted to a casual vacancy shall be a member of the Board or Committee for the residue of the term for which the person whose place he fills would have been a member.

Proceedings not invalidated by reason of vacancies.

19. No act or proceeding of the Board or of a committee appointed by it shall be invalidated merely by reason of the existence of a vacancy or vacancies among its members.

Power of Board and Committees to make bye-laws.

20. (1) The Board and its Committees may make bye-laws consistent with this Act and the Regulations—

(*a*) laying down the procedure to be observed at their meetings and the number of members required to form a quorum;

(*b*) providing for all matters which consistently with this Act and the Regulations are to be prescribed by byelaws; and

(*c*) providing for all other matters solely concerning the Board and its Committees and not provided for by this Act and the Regulations.

(2) The Board and its Committees shall make bye-laws providing for the giving of notice to the members of the Board or Committee of the dates of meetings, and of the business to be considered at meetings, and for the keeping of a record of the proceedings of meetings.

(3) The Board may direct the amendment or rescission of any byelaw made by a Committee under this section, and the Committee shall give effect to any such direction.

OFFICERS OF THE BOARD.

CHAIRMAN.

A. H. Mackenzie, Esq., M.A., B.Sc., M.L.C., Director of Public Instruction, United Provinces, Allahabad *(ex officio)*.

SECRETARY.

Rai Bahadur A. C. Mukerji, M.A., I.E.S.

MEMBERS OF THE BOARD.

Appointed by the Minister under clause (b), sub-section (1), section 3 of the Intermediate Education Act, 1921.

1. R. S. Weir, Esq., M.A., B.Sc. (Glasgow), Inspector of Schools, Lucknow division, Lucknow.
2. M. L. Zutshi, Esq., M.A., Offg. Principal, Government Training College, Lucknow.

Elected by the Principals of Intermediate Colleges not maintained by Government from among themselves under clause (c), sub-section (1), section 3 of the Intermediate Education Act, 1921.

3. Narayan Das, Esq., B A, Principal, Radhaswami Educational Institute, Agra.
4. S. C. Chatterji, Esq., M.A., Principal, Christ Church College, Cawnpore.
5. Lala Diwan Chand, M.A., Principal, D. A.-V. College, Cawnpore.
6. Brahma Swarupa, Esq., M.A., C.T., Principal, N. R. E. C. Intermediate College, Khurja.

Appointed by the Minister under clause (d), sub-section (1), section 3 of the Intermediate Education Act, 1921.

7. Maulvi Mahdi Husain Nasiri, M.A., Head Master, Government High School, Bara Banki.

Elected by the Head Masters of High Schools not maintained by Government from among themselves under clause (e), sub-section (1), section 3 of the Intermediate Education Act, 1921.

8. Devi Prasad Khattry, Esq., B.A., L.T., Head Master, Pt. Pirthi Nath High School, Cawnpore.

9. Kali Das Kapur, Esq., M.A., L.T., Head Master, Kali Charan High School, Lucknow.

Appointed by the Minister under clause (f), sub-section (1), section 3 of the Intermediate Education Act, 1921.

10. Lala Wazir Sahai, Chief Engineer, Allahabad Improvement Trust, Allahabad.

Appointed by the Minister under clause (g), sub-section (1), section 3 of the Intermediate Education Act, 1921.

11. Rai Bahadur Lala Ishwar Sahai of Fatehpur, Fatehpur.

Appointed by the United Provinces Medical Council under clause (h), sub-section (1), section 3 of the Intermediate Education Act, 1921.

12. Rai Bahadur Dr. Baij Nath Vyas, M.B. (Panj.), Reader in Materia Medica, King George's Medical College, Lucknow.

Appointed by the Minister under clause (i), sub-section (1), section 3 of the Intermediate Education Act, 1921.

13. A. A. Simpson, Esq., M.A., Principal, Training College, Allahabad.

Appointed by the Minister under clause (j), sub-section (1), section 3 of the Intermediate Education Act, 1921.

14. Rai Bahadur Vikramajit Singh, B.A., LL.B., M.L.C., 116, Civil Lines, Cawnpore.

Appointed by the Minister under clause (k), sub-section (1), section 3 of the Intermediate Education Act, 1921.

15. Miss H. G. Stuart, M.A., O.B.E., Chief Inspectress of Girls' Schools, United Provinces, Allahabad *(on leave)*.

Representatives of the Allahabad University under clause (l), sub-section (1), section 3 of the Intermediate Education Act, 1921.

16. Pandit Amaranatha Jha, M.A., Reader in English, Allahabad University, Allahabad.

17. A. C. Banerji, Esq., M.A., M.Sc., F.R.A.S. (Eng.), F.L.M.S. (London), Reader in Mathematics, Allahabad University, Allahabad.

18. S. P. Prasad, Esq., B Sc. (Cal.), B.A. (Cantab.), F.C.P.S., Professor of Physics, Agra College, Agra.

Representatives of the Lucknow University under clause (l), sub-section (1), section 3 of the Intermediate Education Act, 1921.

19. Dr. K. N. Bahl, M.Sc., D.PHIL., D.Sc., Professor of Zoology, University of Lucknow, Lucknow.

20. E. Ahmad Shah, Esq., M.A., B. LITT. (Oxon.), M.L.C., Reader in Philosophy, University of Lucknow, Lucknow.

Representative of the Benares Hindu University under clause (l), sub-section (1), section 3 of the Intermediate Education Act, 1921.

21. A. B. Dhruva, Esq., M.A., LL.B., Pro-Vice-Chancellor, Benares Hindu University, Benares.

Representative of the Aligarh Muslim University under clause (l), sub-section (1), section 3 of the Intermediate Education Act, 1921.

22. A. M. Kureishy, Esq., M.A., Principal, Aligarh Muslim University Intermediate College, Aligarh.

Elected by the non-official members of the United Provinces Legislative Council under clause (m), sub-section (1), section 3 of the Intermediate Education Act, 1921.

23. Pandit Gobind Ballabh Pant, B.A., LL.B., M.L.C., Muhalla Qila, Kashipur/Talli Tal, Naini Tal.

24. Khan Bahadur Hafiz Hidayat Husain, B.A., Bar.-at-Law, M.L.C., Civil Lines, Cawnpore.

25. Rai Bahadur Mathura Prasad Mehrotra, B.A., M.L.C., Biswan, Sitapur.

Appointed by the Upper India Chamber of Commerce under clause (n), sub-section (1), section 3 of the Intermediate Education Act, 1921.

26. J. P. Srivastava, Esq., M.Sc., M.L.C., Civil Lines, Cawnpore.

Appointed by the United Provinces Chamber of Commerce under clause (n), sub-section (1), section 3 of the Intermediate Education Act, 1921.

27. Hira Lal Khanna, Esq., M.Sc., Principal, B. N. Sanatan Dharm Intermediate College, Cawnpore.

Appointed by the British Indian Association under clause (o), sub-section (1), section 3 of the Intermediate Education Act, 1921.

28. Kunwar Bisheshwar Dayal Seth, B.Sc., M. L. C., Taluqdar of Moizuddinpur, P. O. Kotra, Biswan, district Sitapur.

Appointed by the Agra Landholders' Association under clause (o), sub-section (1), section 3 of the Intermediate Education Act, 1921.

29. Major D. R. Ranjit Singh, O.B.E., Man Bhawan, George Town, Allahabad.

Nominated by the Minister under sub-section (2), section 3 of the Intermediate Education Act, 1921.

30. Dr. Zia-ud-din Ahmad, C.I.E., M A., Ph.D., D.Sc., Pro-Vice-Chancellor, Aligarh Muslim University, Aligarh.

31. Maulvi Muhammad Ubaid-ur-Rahman Khan, M.L.C., Habibganj, Aligarh.

32. The Rev. Dr. C. A. R. Janvier, M.A., D D, Principal, Ewing Christian College, Allahabad.

Co-opted by the Board of High School and Intermediate Education, United Provinces, under sub-section (3), section 3 of the Intermediate Education Act, 1921.

33. Pandit Nanak Chand, M.A., LL.B., M.L.C., Vakil, Bulandshahr.

34. Shyam Lal, Esq., M.A., LL.B., M.L.C., M.R.A.S, Nawabganj, Cawnpore.

35. Dr. Tara Chand, M.A., D.PHIL. (Oxon.), Principal, Kayastha Pathshala University College, Allahabad.

MEMBERS OF THE COMMITTEES OF COURSES.

(1) ENGLISH.

1. The Rev. Dr. C. A. R. Janvier (Member, Board), (*Convener*).
2. Lala Diwan Chand (Member, Board).
3. R. S. Weir, Esq. (Member, Board).
4. F. J. Fielden, Esq., M.A., Principal, Agra College, Agra.
5. P. Seshadri, Esq., M.A., Professor, Benares Hindu University, Benares.
6. W. D. P. Hill, Esq., M.A., Warden, St. John's College, Agra (*Co-opted Member*).
7. Pandit Amaranatha Jha (Member, Board), (*Co-opted Member*).

(2) **SANSKRIT AND HINDI.**

1. A. B. Dhruva, Esq. (Member, Board), (*Convener*).
2. Pandit Ram Narayan Misra, B.A., Head Master, Central Hindu High School, Benares City.
3. Pandit Kashi Rama, M.A., Inspector of Sanskrit Pathshalas, United Provinces, Benares.
4. Hon. Pandit Shiam Behari Misra, M.A., Deputy Commissioner, Unao.
5. Brajraj, Esq., M.A., LL.B., Professor, Kayastha Pathshala Intermediate College, Allahabad.
6. Rai Sahib Shyam Sundar Das, B.A., Professor, Benares Hindu University, Benares (*Co opted Member*).
7. Pandit S. Dakshinamurty, M.A., Professor, Kayastha Pathshala Intermediate College, Allahabad (*Co-opted Member*).

(3) **ARABIC, PERSIAN AND URDU.**

1. M. Zia-ul-Hasan Alvi, M.A., Inspector of Arabic Madrasas, United Provinces, Allahabad (*Convener*).
2. Maulvi Mahdi Husain Nasiri (Member, Board).
3. M. L. Zutshi, Esq. (Member, Board).
4. S. M. Zamin Ali, M.A., Lecturer, Allahabad University, Allahabad.
5. Khan Bahadur Hafiz Hidayat Husain (Member, Board).
6. Maulvi Muhammad Isa, Intermediate, C.T., Assistant Teacher, Government Intermediate College, Allahabad (*Co-opted Member*).
7. Naimur Rahman, Esq., M.A., Lecturer, Allahabad University, Allahabad (*Co-opted Member*).

(4) **HISTORY AND CIVICS.**

1. Dr. S. A. Khan, M.A., LITT. D., M.L.C., Professor, Allahabad University, Allahabad (*Convener*).
2. The Rev. Dr. J. R. Chitambar, M.A., D.D., Principal, Christian Intermediate College, Lucknow.
3. Kali Das Kapur, Esq. (Member, Board).
4. Kali Shankar Bhatnagar, Esq, M.A., LL.B., L.C.P., Professor, Sanatan Dharm College of Commerce, Cawnpore.

5. Dr. Beni Prasad, M.A., Lecturer, Allahabad University, Allahabad.
6. Dr. Tara Chand (Co-opted Member, Board), (*Co-opted Member*).
7. Lakshmi Narayan Mathur, Esq., B.A., L.T., M.R.A.S., Headmaster, Janki Prasad Anglo-Sanskrit High School, Khurja (*Co-opted Member*).

(5) GEOGRAPHY.

1. Kaushal Kishore, Esq., B.A., L.T., F.R.G.S., Lecturer, Training College, Allahabad (*Convener*).
2. H. B. Wetherill, Esq., M.A., Inspector of Schools, Lucknow Division, Lucknow.
3. H. Tinker, Esq., B.Sc., I.E.S., Inspector of European Schools, United Provinces, Naini Tal.
4. W. E. Andrews, Esq., M.A., Principal, La Martinière College, Lucknow.
5. Kali Das Kapur, Esq. (Member, Board).

(6) BENGALI, MARATHI AND GUJARATI.

1. Dr. P. K. Acharya, M.A., PH.D., D. LITT., Professor, Allahabad University, Allahabad (*Convener*).
2. J. L. Sathe, Esq., I.C.S., Excise Commissioner, United Provinces, Allahabad.
3. A. B. Dhruva, Esq. (Member, Board).
4. A. K. Majumdar, Esq., M.A., C.T., Personal Assistant to the Director of Public Instruction, United Provinces, Allahabad.
5. Miss Vasanti Bhandarkar, M.A., Lecturer in English, Allahabad University, Allahabad (*Co-opted Member*).
6. Dr. K. C. Pandya, M.A., PH.D., Professor, St. John's College, Agra (*Co-opted Member*).

(7) GREEK, LATIN, HEBREW, AND MODERN EUROPEAN LANGUAGES.

1. A. A. Simpson, Esq. (Member, Board), (*Convener*).
2. Dr. J. C. Weir, B.A., LL.D., Principal, University School of Law, Allahabad.
3. The Rev. Dr. C. A. R. Janvier (Member, Board).

4. Dr. N. R. Dhar, Professor, Allahabad University, Allahabad.
5. D. Kerrin, Esq., M.A., Principal, Boys' Intermediate College, Allahabad.

(8) MATHEMATICS.

1. R. H. Moody, Esq., M.A., I.E.S., Officer on special duty, office of the Director of Public Instruction, United Provinces, Allahabad (*Convener*).
2. A. C. Banerji, Esq. (Member, Board).
3. Brahma Swarupa, Esq. (Member, Board).
4. Devi Prasad Khattry, Esq. (Member, Board).
5. Swami Dayal Seth, Esq., M.Sc., Assistant Master, Christ Church College, Cawnpore.
6. Anand Swarupa Sinha, Esq., M.A., L.T., Professor, D.A.-V. Intermediate College, Dehra Dun (*Co-opted Member*).
7. Champa Ram Chaturvedi, Esq., M.A., B.Sc., Professor, St. John's College, Agra (*Co-opted Member*).

(9) PHYSICS.

1. W. G. P. Wall, Esq., M.Sc., Principal, Government Intermediate College, Allahabad (*Convener*), (*on leave*).
2. S. P. Prasad, Esq. (Member, Board).
3. Dr. Wali Muhammad, M.A., PH.D., Professor, Lucknow University, Lucknow.
4. Amba Dutt Joshi, Esq., B.Sc., L.T., Lecturer, Training College, Allahabad.
5. Jai Narayan Budhwar, Esq., M.Sc., Assistant Master, Christ Church College, Cawnpore.

(10) CHEMISTRY.

1. S. C. Deb, Esq., M.A., Reader in Chemistry, Allahabad University, Allahabad (*Convener*).
2. Shyam Lal, Esq. (Member, Board).
3. Madho Prasad, Esq., M.Sc., Professor, Meerut College, Meerut.
4. H. Krall, Esq., B.A., B.Sc., Professor, Agra College, Agra.

5. Dr. S. M. Sane, Professor, Lucknow University, Lucknow.
6. Anil Nath Ghosh, Esq., M.Sc., Vice-Principal, Government Jubilee Intermediate College, Lucknow (*Coopted Member*).
7. Dr. K. C. Pandya, Professor, St. John's College, Agra (*Coopted Member*).

(11) **BIOLOGY.**

1. Dr. W. S. Dudgeon, PH. D., Professor, Ewing Christian College, Allahabad (*Convener*).
2. Dr. K. N. Bahl (Member, Board).
3. Dr. K. C. Mehta, PH.D., Professor, Agra College, Agra.
4. S. K. Zibbu, Esq., M.Sc., Assistant Master, Christian Intermediate College, Lucknow.
5. L. P. Mathur, Esq., M.Sc., Professor, St. John's College, Agra.

(12) **AGRICULTURE.**

1. Dr. S. Higginbottom, M.A., B.Sc., Principal, Agricultural Institute, Naini, Allahabad (*Convener.*)
2. Tej Shankar Kochak, Esq., Principal, Agricultural School, Bulandshahr (*resigned*).
3. C. Maya Das, Esq., M.A., B.Sc. (Edin.), Principal, Agricultural College, Cawnpore.
4. Shyam Lal, Esq. (Co-opted Member, Board).
5. Rai Bahadur Lala Ishwar Sahai (Member, Board).
6. H. N. Batham, Esq., M.A., Professor, Agricultural College, Cawnpore (*Co-opted Member*).
7. T. S. Sabnis, Esq., M.Sc, Professor, Agricultural College, Cawnpore (*Co-opted Member*).

(13) **DRAWING, MANUAL TRAINING AND METAL WORK.**

1. G. F. Worthen, Esq., Principal, Government Carpentry School, Allahabad (*Convener*).
2. Lala Wazir Sahai (Member, Board).
3. C. J. Veale, Esq., F.R.G.S., F.R.A.S., Professor, Thomason Civil Engineering College, Roorkee.
4. R. H. Moody, Esq., M.A., I.E.S., Officer on special duty, office of the Director of Public Instruction, United Provinces, Allahabad.

5. Asit K. Haldar, Esq , Principal, Government School of Arts and Crafts, Lucknow.
6. Madan Mohan Kar, Esq., 1st Drawing Master, Government Carpentry School, Allahabad (*Co-opted Member*).

(14) DOMESTIC SCIENCE, PHYSIOLOGY, HYGIENE AND CHILD-STUDY.

1. *Miss H. G. Stuart (Member, Board), (*Convener*), (*on leave*).
2. Mrs. B. Padma Bai Rao, B.A., Lady Principal, Theosophical National Girls' School and Women's College, Benares.
3. Mrs. Saralabai Naik, M.A., Lady Principal, Muslim Girls' High School, Lucknow.
4. Miss Sudhalata Duara, M.A., B.T., Lady Principal, Crosthwaite Girls' Intermediate College, Allahabad.
5. Miss M. K. Landrum, M.A., Isabella Thoburn College, Lucknow.

(15) COMMERCE.

1. J. P. Srivastava, Esq. (Member, Board), (*Convener*).
2. B. N. Chopra, Esq., A.I.S.A , F.R.E.S., Professor, Sanatan Dharm College of Commerce, Cawnpore.
3. D. K. Sakhwalker, Esq., M.A., B.COM., LL.B., Professor, D. A.-V. College, Cawnpore.
4. J. T. Goodchild, Esq., M.A., Professor, St. John's College, Agra.
5. Dr. D. Pant, B.COM., PH.D., Lecturer in Commerce, Lucknow University, Lucknow.
6. Khan Bahadur Chaudhri Wajid Husain, Director of Industries, United Provinces, Cawnpore (*Co-opted Member*).

(16) ECONOMICS.

1. C. D. Thompson, Esq., M.A., Head of the Economics department, Allahabad University, Allahabad (*Convener*).
2. Pandit Nanak Chand (Co-opted Member, Board).

3. S. P. Bhargava, Esq., M.A., LL.B., Principal, S. D. College of Commerce, Cawnpore
4. Dr. L. K. Hyder, B.A., PH.D., Professor of Economics, Aligarh Muslim University, Aligarh.
5. S. K. Rudra, Esq., M.A. (Cantab.), Reader, Allahabad University, Allahabad.
6. Kalka Prasad Bhatnagar, Esq., M.A., LL.B., Professor, D.A.-V. College, Cawnpore (*Coopted Member*).
7. K. S. Mankar, Esq., M.A. (OXON.), Professor, Government College, Ajmer (*Coopted Member*)

(17) LOGIC.

1. Lala Diwan Chand (Member, Board), (*Convener*).
2. S. C. Chatterji, Esq. (Member, Board).
3. E. Ahmad Shah, Esq. (Member, Board).
4. Narayan Das, Esq. (Member, Board).
5. Deoki Nandan Sharma, Esq., M.A., Assistant Master, N. R. E. C. Intermediate College, Khurja.

(18) INDIAN MUSIC.

1. Major D. R. Ranjit Singh (Member, Board), (*Convener*).
2. V. A. Kashalkar, Esq., Sangit Pravin, Professor, Kayastha Pathshala Intermediate College, Allahabad.
3. Thakur Nawab Ali Khan, Lucknow.
4. Pandit P. B. Joshi, M.A., B.SC., Assistant Superintendent of Education, Ajmer-Merwara, Ajmer.
5. Jai Deva Singh, Esq., Teacher, Gurnarain Khattri High School, Cawnpore.

MEMBERS OF THE EXAMINATIONS' COMMITTEE.

1. Lala Diwan Chand (Member, Board).
2. Dr. K. N. Bahl (Member, Board).
3. Dr. Tara Chand (Co-opted Member, Board).
4. Maulvi Mahdi Husain Nasiri (Member, Board).
5. Kali Das Kapur, Esq. (Member, Board).
6. The Rev. Dr. C. A. R. Janvier (Member, Board), (*Co-opted Member*).
7. The Secretary of the Board (*Secretary*), (*Co-opted Member*).

MEMBERS OF THE RECOGNITION COMMITTEE.

1. Lala Diwan Chand (Member, Board).
2. Pandit Nanak Chand (Co-opted Member, Board).
3. Rai Bahadur Vikramajit Singh (Member, Board).
4. Rai Bahadur Mathura Prasad Mehrotra (Member, Board),
5. Khan Bahadur Hafiz Hidayat Husain (Member, Board).
6. M. L. Zutshi, Esq. (Member, Board), (*Co-opted Member*).
7. The Rev. Dr. J. R. Chitambar, M.A., D.D., Principal, Christian Intermediate College, Lucknow (*Co-opted Member*).
8. The Deputy Director of Public Instruction, United Provinces, Allahabad (*Convener*).

MEMBERS OF THE FINANCE COMMITTEE.

1. Lala Diwan Chand (Member, Board).
2. Pandit Gobind Ballabh Pant (Member, Board).
3. Rai Bahadur Mathura Prasad Mehrotra (Member, Board).
4. Khan Bahadur Hafiz Hidayat Husain (Member, Board).
5. Narayan Das, Esq. (Member, Board).
6. Dr. Tara Chand (Co-opted Member, Board).
7. The Assistant Director of Public Instruction, United Provinces, Allahabad (*Convener*).

MEMBERS OF THE CURRICULUM COMMITTEE.

1. H. B. Wetherill, Esq., M.A., Inspector of Schools, Lucknow Division, Lucknow (*Convener*), (*on leave*).
2. Dr. W. S. Dudgeon, PH. D., Professor, Ewing Christian College, Allahabad.
3. Dr. Tara Chand (Co opted Member, Board).
4. Maulvi Mahdi Husain Nasiri (Member, Board).
5. M. L. Zutshi, Esq. (Member, Board).
6. A. B. Dhruva, Esq. (Member, Board).
7. E. Ahmad Shah, Esq. (Member, Board).
8. Miss H. G. Stuart (Member, Board), (*on leave*).
9. Hira Lal Khanna, Esq. (Member, Board).

10. S. C. Chatterji, Esq. (Member, Board).
11. Devi Prasad Khattry, Esq. (Member, Board).
12. C. D. Thompson, Esq., M.A., Head of the Economics department, Allahabad University, Allahabad.
13. Pandit Ram Narain Misra, B.A., Head Master, Central Hindu High School, Benares City (*Co-opted Member*).
14. S. P. Roy, Esq., B.A., L.T., Lecturer, Training College, Allahabad (*Co-opted Member*).
15. Dr. J. C. Manry, M.A., PH.D., Professor, Ewing Christian College, Allahabad (*Co-opted Member*).
16. Lakshman Prasad, Esq., M.A., Principal, D. A.-V. Intermediate College, Dehra Dun (*Co-opted Member*).

MEMBERS OF THE COMMITTEE TO SCRUTINISE APPLICATIONS FROM PRIVATE CANDIDATES.

1. The Rev. Dr. C. A. R. Janvier (Member, Board), (*Convener*).
2. W. G. P. Wall, Esq., M.Sc., Principal, Government Intermediate College, Allahabad (*on leave*).
3. Babu Devi Prasad, Head Master, C. A.-V. High School, Allahabad.

MEMBERS OF THE RESULTS COMMITTEE.

1. The Director of Public Instruction, United Provinces, Allahabad (*Chairman*).
2. R. H. Moody, Esq., M.A., Officer on special duty, office of the Director of Public Instruction, United Provinces, Allahabad.
3. Dr. Zia-ud-din Ahmad (Member, Board).
4. Dr. Tara Chand (Co-opted Member, Board).
5. The Secretary of the Board.

REPRESENTATIVES OF THE BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION, UNITED PROVINCES, ON OTHER BODIES.

PROVINCIAL TEXT-BOOK COMMITTEE

1.	Lala Diwan Chand, M.A.,	Member, Board.
2.	M. L. Zutshi, Esq., M.A.,	
3.	Kali Das Kapur, Esq., M.A., L.T.,	
4.	Devi Prasad Khattry, Esq., B.A., L.T.,	

SENATE OF THE AGRA UNIVERSITY.

1.	Rai Bahadur Vikramajit Singh, B.A., LL.B., M.L.C.,	Member, Board.
2.	Pandit Amaranatha Jha, M.A.	

REGULATIONS

OF THE

BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION UNITED PROVINCES.

CHAPTER I.

DEFINITIONS.

IN these regulations, unless there is anything repugnant in the subject or context, the following terms shall have the following meaning :—

(1) "Chairman" means the Chairman of the Board of High School and Intermediate Education, United Provinces.

(2) "College" means an educational institution preparing candidates for the Intermediate or Commercial Diploma or Agricultural Diploma Examination of the Board, and recognized by the Board for such a purpose.

(3) "Department" means the Department of Public Instruction in the United Provinces.

(4) "Director" means the Director of Public Instruction in the United Provinces.

(5) "Guardian" means the natural or legal guardian, or a person approved by the head of the institution concerned as the guardian of a student for the purposes of these regulations.

(6) "Head Master" means the head of a High School recognized by the Board.

(7) "High School" means an educational institution preparing candidates for the High School Examination of the Board and recognized by the Board for such a purpose.

(8) "Inspector" means an inspecting officer of the Education department.

(9) "Principal" means the head of a College.

(10) "Private candidate" means a candidate for admission to an examination conducted by the Board who has not, during the session preceding the examination, been studying at an educational institution of any kind.

(11) "Regular course of study" means a course of study prescribed by the Board.

(12) "Scholar's Register" means the register containing the record of a scholar's progress kept in the prescribed form* by the institution to which he belongs.

(13) "Secretary" means the Secretary of the Board of High School and Intermediate Education, United Provinces.

(14) "Session" means the period for which an institution is open for tuition during the twelve months commencing with the formation of new classes.

CHAPTER II.

THE BOARD.

1. The Board shall meet ordinarily in the months of November and February.

2. The meeting of the Board held in the month of November shall be deemed to be the annual meeting of the Board.

CHAPTER III.

THE SECRETARY.

1. All meetings† of the Board shall be convened through the Secretary.

---

*The prescribed form is given in the United Provinces Educational Code.

†A Press note giving a brief report of the proceedings of the Board is published in the *United Provinces Government Gazette* and issued to the papers as soon after each meeting as possible (*vide* Board's Resolution no. 9, dated the 17th, 18th and 19th August, 1922).

2 The Secretary shall conduct the official correspondence of the Board under the authority of the Chairman.

3. All fees and dues payable to the Board, and all sums received by the Secretary in his capacity as such, shall be credited without delay into the Government Treasury.

4. The Secretary shall be responsible, subject to the control of the Examinations' Committee, for making arrangements for the holding of the Board's examinations.

5. The Secretary shall receive and, subject to the control of the Examinations' Committee, deal with applications from candidates for admission to the Board's examinations.

6. It shall be the duty of the Secretary, on behalf of the Board, to issue certificates in the prescribed form to successful candidates of having passed the Board's examinations.

7. The Secretary shall have charge of the Board's library, and shall forward to Conveners of Committees of Courses books received from the department or from authors or publishers, and shall, at the request of Conveners, circulate the same among the members.

8. The Secretary shall annually in the month of March furnish the department with a list of schools and colleges recognized for the purposes of the Board's examinations, specifying the optional subject or subjects in which recognition has been granted.

9. The Secretary shall perform such other duties as may be assigned to him by the Board or may be necessary for the carrying out of its decisions.

CHAPTER IV.

COMMITTEES OF THE BOARD.

1. In addition to the committees specified in section 13(1) of the Intermediate Education Act, 1921, the Board shall appoint the following other committees:—

(*a*) a curriculum committee to consider general questions relating to the curriculum;

(*b*) a committee to scrutinize applications from private candidates for permission to appear at the Board's examinations;

(*c*) a committee to bring out the results of examinations.

2. The number of members appointed by the Board to any committee shall, unless otherwise specified, be not less than three and not more than five.

3. Election of members to fill up ordinary vacancies in committees of the Board shall be held at the meeting of the Board immediately following the occurrence of the vacancy and members shall hold office from the date of election.

4. Except in the case of the Examinations' Committee, the Board shall appoint, at its annual meeting, a member of each committee to be Convener of the committee. In the event of the Convener ceasing to hold office, the committee shall appoint a substitute from among its own members to hold office till the next annual meeting of the Board.

5. The Secretary of the Board shall act as Secretary of the Examinations' Committee, and shall perform the functions performed by the Convener in other committees. Unless elected a member of the committee, he will not have a vote.

CHAPTER V.

COMMITTEES OF COURSES.

1. The Board shall appoint Committees of Courses in the following subjects which may be grouped in such manner and with such additions and alterations as the Board may from time to time decide:—

(*a*) English.
(*b*) Sanskrit and Hindi.
(*c*) Arabic, Persian, and Urdu.
(*d*) History and Civics.
(*e*) Geography.
(*f*) Bengali, Marathi, and Gujarati.
(*g*) Greek, Latin, Hebrew, and Modern European Languages.
(*h*) Mathematics.

(*i*) Physics.
(*j*) Chemistry.
(*k*) Biology.
(*l*) Agriculture.
(*m*) Drawing, Manual Training, and Metal Work.
(*n*) Commerce.
(*o*) Logic.
(*p*) Economics.
(*q*) Indian Music.*
(*r*) Domestic Science, Physiology, Hygiene, and Child-Study.

2. Committees of Courses shall be constituted for such other subjects of study as may from time to time be prescribed by the Board.

3. Each Committee of Courses shall lay down a syllabus in the subject with which it is concerned and recommend or prescribe suitable text-books, when considered necessary, in conformity with that syllabus.

4. Every Committee of Courses shall ordinarily meet in the month of February every year, and draw up courses three years ahead of the examinations for which they are intended to be prescribed. The draft courses proposed by the Committee shall be circulated, as soon as may be, among the members of the Board. Any observations made by members in regard thereto shall be communicated by them direct to the Convener concerned before the end of August in the same year. If, in the opinion of the Convener, the nature of the criticisms received justifies the reconsideration of the courses drawn up by the Committee, he shall summon another meeting of the Committee to reconsider the courses or ascertain by correspondence the views of the members of the Committee on the suggestions received; otherwise the courses drawn up shall be taken to be finally approved by the Committee.

* The Board decided that Indian Music should be included in the curriculum of High Schools as an optional subject in which no public examination should be held. Heads of institutions teaching Indian Music should grant a certificate to candidates who successfully complete a four years' course in that subject (*vide* Board's Resolutions nos. 9 and 15, dated 22nd February, 1924 and 8th November, 1924, respectively).

5. The courses as finally approved by the Committee shall be submitted to the Board at its annual meeting by the Convener or by some other member of the Committee who is a member of the Board and is present at the annual meeting.

6. The courses, as finally approved and sanctioned by the Board, shall be printed in the prospectus and issued by the Secretary not less than two years before the date of the examination for which those courses have been prescribed.

7. If the Board is of opinion that a recommendation made by a Committee of Courses requires reconsideration, it may refer the matter back to the Committee. After considering the views of the Committee upon its reference, the Board shall decide the matter.

8. A Committee may bring to the notice of the Board any matter connected with the examinations or courses in respect of the subject or subjects with which it is concerned.

9. Any two or more Committees of Courses may, and at the request of the Board shall, meet and render a joint report upon any matter with which they are severally and jointly concerned.

CHAPTER VI.

THE EXAMINATIONS' COMMITTEE.

It shall be the duty of the Examinations' Committee, subject to the sanction and control of the Board,—

(*a*) to order examinations in conformity with the regulations and to fix dates for holding them;

(*b*) to consider the recommendations of the Committees of Courses with regard to examiners and to prepare lists of examiners for the approval of the Board;

(*c*) to appoint boards of moderators on the recommendation of the Committees of Courses;

(*d*) to fix the number of question papers to be set in each subject after receiving recommendations from the Committees of Courses concerned;

(*e*) to recommend the standard of length for written tests in different subjects, after receiving recommendations from the Committees of Courses concerned;

(*f*) to propose maximum and minimum marks for each subject and for each part of a subject, after receiving recommendations from the Committees of Courses concerned;

(*g*) to frame rules for the award of grace marks;

(*h*) to prescribe forms of application to be filled up by candidates applying for permission to appear at examinations, and forms of certificates to be granted to successful candidates;

(*i*) to fix rates of honorarium for examiners, invigilators, and others;

(*j*) to propose the opening and closing of centres of examination;

(*k*) to prescribe the mode of conducting the oral and practical tests, if any;

(*l*) to consider all other matters arising out of the conduct of examinations, and to make recommendations, where necessary, to the Board.

CHAPTER VII.

RECOGNITION OF INSTITUTIONS BY THE BOARD.

1. The Committee of Recognition shall consist of seven members, at least five of whom shall be elected by the Board.

2. Its duties shall be to scrutinize applications for recognition, to call for other information necessary for purposes of recognition, and to perform such other duties as may be delegated to it by the Board.

3. An institution desiring to be recognized for the purposes of an examination conducted by the Board shall, not later than the month of October in the year preceding

that in which it proposes to open classes in preparation for an examination, apply to the Secretary for permission to send up candidates.

4. On receipt of an application for recognition, the Secretary shall forward it to the Inspector of Schools within whose jurisdiction the institution is situated with a request for a local enquiry and a report and recommendation regarding the fitness of the institution for recognition. In the case of an Intermediate College the Director of Public Instruction may associate with the Inspector, for the purposes of the local enquiry and report, one or more persons who will be chosen from a list of persons nominated by the Board. Such persons shall be actually engaged in the work of teaching in the United Provinces. The report shall be submitted to the Recognition Committee through the Director of Public Instruction, who will add his comments and recommendations, if any.

5. Applications for recognitions shall set out in detail the following particulars, upon which the inspecting authority should make its report and recommendation:—

(*a*) whether there is a real need of the institution in the locality;

(*b*) the constitution of the governing body, if any;

(*c*) the name of the manager or secretary or correspondent, as the case may be;

(*d*) the qualifications and rates of pay of the teaching staff;

(*e*) the examination or examinations for which it desires recognition;

(*f*) the subject or subjects of instruction in which the institution undertakes to make provision;

(*g*) the accommodation provided in class-rooms and in hostels;

(*h*) the provision made for the health, recreation, and discipline of scholars;

(*i*) the financial position of the institution and the sources and amount of income;

(*j*) the scale of fees charged and the provision, if any, for the admission of poor scholars;

(*k*) the number of scholars in each class or section of a class.

6. Any other information which the Board may call for in connexion with the application shall be supplied by the institution through the inspecting authority.

7. The inspecting authority in forwarding its report shall state whether and in what subjects or on what conditions recognition should, in its opinion, be granted.

8. No institution shall be recognized unless it agrees to comply with the following requirements:—

(*a*) it shall, in the case of a High School, be open to inspection by the inspecting officers of the department, and in the case of an Intermediate College by the inspecting officer of the department with whom the Director of Public Instruction may, for purposes of formal inspection, associate one or more persons chosen from the list referred to in Regulation 4;

(*b*) all information and returns called for by the department or the Board shall be duly furnished;

* (*c*) it shall not prepare and send up candidates for a riva examination (High School, Intermediate, Commercial Diploma or Agricultural Diploma) when an examination of the same nature and similar standard is held by the Board;

(*d*) it shall make suitable arrangements for the health, recreation, and supervision of boarders and for the sanitation of its premises generally.

---

* This clause does not apply to the Cambridge School Certificate Examination in the case of European schools.

9. If satisfied that an institution is deserving of recognition, the Board shall direct the Secretary to enter its name upon a list of recognized institutions to be kept by him, and the Secretary shall inform the institution and the Inspector of the division in which it is situated in which subjects, on what conditions, and for what examination or examinations it has been recognized.

10. Where an institution desires to add to the subjects of instruction in respect of which recognition has been granted, the procedure prescribed by the foregoing regulations shall, as far as may be, be followed.

11. An institution recognized by the Board for the purposes of any of its examinations shall submit to the department annual returns giving the personnel and pay of the teaching staff. Any change in the management shall be communicated as soon after the change as possible.

12. The department shall forward to the Secretary copies of all notifications from a recognized institution communicating changes in management and in the number, qualifications, and salaries of the teaching staff, the result of which, in its opinion, affects the fitness of the institution for continued recognition by the Board.

13. If the department is of opinion that any institution recognized by the Board has, by reason of deterioration, ceased to meet the requirements of the Board, the department shall make a report to the Board. On receipt of the department's report the Board may, through the Divisional Inspector, institute such enquiry as it thinks fit. The report of the Inspector will be submitted to the Board through the Director of Public Instruction, who will add his comments, if any, and the Board will take the report into consideration at its next meeting and inform the department of its decision. In the case of an Intermediate College the Director of Public Instruction may associate with the Inspector for the purpose of the enquiry one or more persons chosen from the list referred to in Regulation 4.

14. In any case in which the Board may decide that action is necessary upon the report, it will first call upon the authorities through the department to show cause why such action should not be taken.

15. No action shall be taken by the Board on any report by the department without first giving the institution concerned an opportunity of making any representation it may wish to make through the department to the Board.

16. The Board shall, if satisfied that the institution is no longer fit for recognition, direct the Secretary to issue a warning to the governing body through the department that unless within a period fixed by the Board the institution removes the defect or defects to which attention has been called, it will be struck off the list of recognized institutions or that recognition will be withdrawn in one or more optional subjects. The Board shall have power to extend from time to time the period so fixed.

17. If within the time fixed by the Board, or within such further time as may be allowed by it, the institution fails to satisfy the Board that it is conforming to its requirements, the Board shall strike the institution off the list of recognized institutions or shall withdraw recognition in one or more optional subjects.

18. The Board may, at a subsequent date, after report by an Inspector, re-instate an institution on the list of recognized institutions, or, if recognition was withdrawn in one or more optional subjects, restore to it the privileges of preparing candidates therein.

19. No institution shall be recognized in any branch of experimental science unless it satisfies the Board—

(a) that the number of students assigned to a single teacher in practical work at one time does not exceed 20;

(b) that suitable and, in the case of Intermediate classes, separate laboratories for each branch of experimental science are provided, and that each of them is adequately equipped.

CHAPTER VIII.

THE FINANCE COMMITTEE.

1. The Finance Committee shall act as an advisory body in all matters concerning the finances of the Board.

2. It shall consist of—

(*a*) the Assistant Director of Public Instruction, *ex-officio* Convener;

(*b*) one Principal of an Intermediate College not maintained by Government, who is a member of the Board;

(*c*) one representative of the non-official members of the Legislative Council, who is a member of the Board;

(*d*) four other members elected by the Board.

3. The annual financial statement of the Board shall first be laid before the Finance Committee before being submitted to the Board.

4. The Finance Committee shall also see the schedules of new demands proposed to be included in the budget relating to institutions recognized by the Board, and submit its views thereon for the consideration of the Board.

CHAPTER IX.

THE CURRICULUM COMMITTEE.

1. The number of members appointed to the Curriculum Committee by the Board shall be twelve, of whom at least nine shall be members of the different Committees of Courses.

2. The duties of the Curriculum Committee shall be—

(*a*) to consider the total number of compulsory and optional subjects for each of the Board's examinations;

(*b*) to arrange the standards of the courses for the Middle, High School, and Intermediate stages in a regular graded order;

(*c*) to prescribe curricula for the Intermediate Examination leading to both University and vocational courses;

(*d*) to consider proposals for the introduction of new subjects and the exclusion of existing subjects;

(*e*) to consider questions of the formation of groups of subjects and the alternation of one group with another;

(*f*) to lay down courses for the middle section of English schools, and to recommend or prescribe suitable text-books, when considered necessary, in conformity with the syllabus.

CHAPTER X.

CONDITIONS UNDER WHICH GRANTS-IN-AID MAY BE GIVEN TO RECOGNIZED INSTITUTIONS.

1. No grant-in-aid shall be recommended to any institution unless it has been recognized by the Board.

2. An institution receiving grant-in-aid shall, unless specially exempted by the Government, invest all Government grants not disbursed within a month of their receipt in a Presidency or post office savings bank.

3. An institution shall be liable to have its grant withdrawn if it continues, even after a warning by the department, to employ a teacher who takes an active part in political agitation calculated to subvert the authority of Government.

4. The provisions of the Educational Code, United Provinces, with regard to grants-in-aid shall apply to all institutions recognized by the Board, so far as they are not inconsistent with these Regulations.

CHAPTER XI.

RESIDENCE OF STUDENTS.

1. Where accommodation is available every student of a recognized institution shall reside in a hostel provided by it, or in a hostel recognized by the head of the institution, or with a parent or guardian.

2. Where no accommodation is available in a recognized hostel the head of an institution may permit a student or students to live in lodgings reserved by the keeper thereof for students of recognized institutions, provided—

(*a*) that the lodgings are open to inspection by the head of the institution concerned or by any member of the staff who is deputed for the purpose; and

(*b*) that the keeper is willing to submit to the requirements regarding supervision of students laid down by the head of the institution or heads of institutions concerned.

CHAPTER XII.

EXAMINATIONS.

General Rules.

1. The Board shall conduct the following examinations:—

(*a*) The High School Examination.

(*b*) The Intermediate Examination.

(*c*) The Commercial Diploma Examination.

(*d*) The Agricultural Diploma Examination.

2. The Board's examinations shall be held at such centres and on such dates and at such times as the Board may from time to time appoint.

3. The tests at the Board's examinations may be partly oral or practical and partly written. Oral and practical tests shall be carried out by examiners appointed by the Board in such manner as the Examinations' Committee may prescribe from time to time. Written tests shall be by means of question papers, and the question papers shall be given out simultaneously at every centre at which the examination is being held.

4. Every candidate for admission to an examination held by the Board shall, not less than twelve weeks before the date fixed for the commencement of the examination,—

(*a*) pay the fee prescribed for the examination;

(*b*) state the optional subject or subjects in which he desires to present himself for examination; and

(*c*) furnish the Secretary with a certificate showing—

(i) that he has completed a regular course of study * in a recognized institution, or

(ii) that he has been permitted by the Board to appear as a private candidate.

(iii) (For Science candidates of the High School Examination only) that he has actually performed the experiments laid down in the syllabus.

5. The following fees shall be paid in respect of the examinations held by the Board :—

(1) High School Examination.	Rupees 15 by each candidate from a recognized institution.
(2) Ditto ...	Rupees 20 by each private candidate.
(3) Intermediate Examination.	Rupees 25 by each candidate from a recognized institution.
(4) Ditto ...	Rupees 30 by private candidates.
(5) Commercial Diploma Examination.	Rupees 25 by each candidate from a recognized institution.
(6) Ditto ...	Rupees 30 by private candidates.
(7) Agricultural Diploma Examination.	Rupees 25 by each candidate from a recognized institution, and Rs. 30 by each private candidate (if any).

* See clause (11), Chapter I and Regulation 4, Chapter XVII.

(8) Examination in one subject only.	Rupees 5.
(9) Examination in more than one subject.	Rupees 5 for each subject.
(10) Fee for checking the results of failed candidates.	Rupees 10 per candidate.

6. A candidate who fails to pass, or who from sickness or other sufficient cause is unable to present himself for any examination, shall not receive a refund of his fee:

Provided the Board may, on application, admit a candidate who was unable to present himself for any examination to the next ensuing examination without payment of a further fee:

Provided, also, that the fee may not be held over for the next ensuing examination in the case of a candidate who absented himself from a part of the examination.

7. The Secretary shall, after satisfying himself that a candidate has complied with all the requirements for admission to an examination of the Board, furnish the candidate with a card of admission, on presentation of which to the local superintendent of the examination, the candidate shall be permitted to sit for the examination.

8. Notwithstanding anything contained in these regulations, no candidate who has been expelled or is still undergoing rustication shall be admitted to any examination of the Board.

9. The Secretary, if satisfied that a candidate's admission card has been lost or destroyed, may grant a duplicate card on payment of a further fee of Rs. 2.

10. Private candidates* shall be eligible to appear at the Board's examinations on the conditions hereinafter laid down.

11. A candidate who desires to offer himself for examination as a private candidate shall not, later than the 1st of October preceding the date fixed for the next ensuing examination, send in an application to the Secretary, through the Inspector of Schools of his division, or the head of an educational institution recognized by the Board for the examination in question, in the prescribed form, setting forth—

(*a*) his age at the time of the application;

---

* The following rules for the admission of private candidates to the Board's examinations have been approved by the Board (*vide* Board's Resolution no. 22, dated November 8, 1924):—

1. Permission to appear as private candidates will be given to candidates who have appeared at a previous High School or Intermediate Examination and have failed or to whom permission to appear as private candidates has been given by the Board on a previous occasion.

2. Permission to appear as private candidates at the next ensuing igh School or Intermediate Examination will not be granted to candidates who have failed to obtain promotion to the highest class of any High School or Intermediate College (i.e., to those who have been detained in class IX or class XI).

3. (*a*) Private candidates may change their subjects of examination from those previously offered by them, if more than one year has elapsed since their last appearance at the examination; they will not be required to give any reasons for the change.

(*b*) Private candidates who appeared and failed at an examination immediately prior to the submission of their application and desire to offer for the next examination subjects other than those previously offered must give an adequate explanation of the change and show that they can satisfactorily complete the course of study in the new subjects.

4. Only such private candidates as come under Regulation 17 (*e*), Chapter XII, shall ordinarily be allowed to take Science as one of the subjects for the Intermediate Examination.

5. Private candidates will be allowed to offer subjects of examination in the study of which practical work is necessary (even in which no practical examination is held), only if completely satisfactory arrangements are made for their practical work; they must produce certificates stating the detailed arrangements they have made for doing the practical work.

(*b*) the conditions under which he has been studying and is proposing to continue his studies;

(*c*) the optional subject or subjects which he offers.

He should also forward the original copy of the scholar's register granted to him by the institution, if any; at which he last studied.

12. Such applications from intending private candidates shall be referred to the Standing Committee of the Board appointed to scrutinize applications from private candidates.

13. Such applications, after being scrutinized by the Committee, shall either be granted or rejected by it.

This condition will be strictly enforced.

6. Candidates residing outside the present territorial jurisdiction of the Board may be permitted to appear at the Board's examinations as private candidates provided they submit an adequate explanation as to why they prefer to take the United Provinces Board's examinations.

7. Where an age-limit or other restriction is imposed by the local University or Examining Body such restriction shall be rigorously enforced before permission to appear as private candidates at the Board's examinations is granted to outside candidates.

8. Residents of places beyond the territorial jurisdiction of the Board who have appeared and failed at an examination conducted by the Board or its predecessors may be allowed to appear as private candidates at a subsequent corresponding examination, notwithstanding anything in rules 6 and 7 foregoing. Rules 6 and 7 will, however, apply to residents of such places who have passed any examination conducted by the Board or its predecessors and desire to appear for the first time at a higher examination conducted by the Board.

9. Private candidates shall not be allowed to offer for their examination any subject, even if the subject is recognised for the examination which is not being taught in a recognized institution or in which no institution is recognised [*vide* Board's Resolution no. 34(*b*), dated November 6 and 7, 1925].

10. Private candidates who have passed the Cambridge School Certificate Examination and intend to appear at the Intermediate Examination should specify in the application form the standard of attainment in each of the subjects in which they have passed the Cambridge School Certificate Examination as shown in the detailed result of the examination (*vide* Private Candidates Committee's Resolution no. 7, dated October 3, 1925).

14. Notwithstanding anything contained in these regulations, any female candidate, who is not studying at a recognized institution, may be admitted by the Committee referred to in Regulation 12 above as a private candidate to any of its examinations unconditionally, except that before appearing at the Intermediate Examination two years should have elapsed since the date of her passing the High School or an equivalent examination.

15. Except when otherwise provided in these regulations, the names of candidates who have passed an examination of the Board shall be placed in three divisions, and, further, the names of students from recognized institutions shall be grouped according to the institutions in which they have studied.

16. A candidate who has failed in an examination may present himself for one or more subsequent examinations, provided that he shall on each and every such occasion satisfy the Secretary that he has fulfilled the conditions laid down in the regulations for the admission of candidates to the Board's examinations.

17. A candidate who has failed in an examination may be admitted to a subsequent examination without attending a regular course of study in a recognized institution, provided—

(*a*) that he has not pursued his studies at an educational institution of any kind;

(*b*) that not later than the 1st of October preceding the date fixed for the next ensuing examination he sends an application to the Secretary through and recommended by the head of the institution at which he last studied in the prescribed form, setting out—

(i) the conditions under which he has been studying and is now proposing to continue his studies,

(ii) the dates of his failing in the examination,

(c) * that, in the case of a candidate who has taken Science as an optional subject, he passed the practical examination at his last appearance for the examination.

18. †Any candidate who has obtained 40 per cent. of the aggregate number of marks, but has failed in one subject only, obtaining not less than 25 per cent. in that subject, shall be admitted to a subsequent examination in the subject in which he failed on payment of the fee prescribed in these regulations; and if he passes in that subject he shall be deemed to have passed the examination.

19. Heads of recognized institutions are not entitled to detain candidates who have fulfilled the conditions laid down for permission to appear at one of the Board's examinations, except for very grave reasons and with the previous sanction of the Chairman of the Board.

CHAPTER XIII.

High School Examination.

1. The following are the subjects prescribed for the High School Examination of the Board :—

Compulsory.

(1) English.
(2) Mathematics.
(3) History or Geography.
(4) One of the following modern Indian Languages :—
Hindi, Urdu, Bengali, Marathi, and Gujarati.

---

* Failed candidates intending to appear as private candidates at the Intermediate Examination with Science as an optional subject may be permitted to work privately in any college laboratory, notwithstanding the restriction imposed by the foregoing clause (a) and clause (10), Chapter I (*vide* Board's Resolution no. 18, dated February 7, 1925).

† Compartmental candidates have the option of appearing at the examination as private candidates, provided they have not pursued their studies at an educational institution of any kind during the sessions preceding the examination at which they intend to appear.

Compartmental candidates are not eligible for admission to class XI of a recognized Intermediate College unless and until they have passed *completely* the High School Examination under Regulation 2, Chapter XIII (*vide* Examinations' Committee's Resolution no 9, dated February 6, 1925, adopted by the Board).

The prescribed fee for admission to the Compartmental Examination is Rs. 5.

Failed candidates may have two chances of re-appearing at the Compartmental Examination in two consecutive years (*vide* Board's Resolution no. 28, dated November 6 and 7, 1925).

Optional.

(1) One of the following classical languages :—
Sanskrit, Arabic, Persian, and Latin.
(2) Commerce.
(3) Physics and Chemistry.
(4) Agriculture.
(5) Drawing.
(6) Manual Training.
(7) A Modern European Language.
(8) Domestic Science.
(9) Metal Work.
* (10) History or Geography.

N.B.—Candidates must take up one optional subject for examination, and no candidate will be examined in more than one such subject, in addition to the compulsory subjects, at one and the same examination, provided that a candidate who has passed the High School or an equivalent examination in a place outside the United Provinces may present himself for examination in any subsequent year in one or more optional subjects without re-examination in the compulsory subjects; and such a candidate will, if successful, be entitled to have an entry made in the certificate already granted to him, certifying in which additional optional subject or subjects he has passed.

2. A candidate is not entitled to a certificate of having passed the High School Examination unless he qualifies separately in each subject offered by him thereat.

3. Diaries shall be kept by all teachers employed in teaching classes preparing for the High School Examination, showing the work done in class in each subject taught by them, and such diaries shall be inspected by the oral or practical examiners or by such other authorities as the Board may depute.

4. The question papers set and the written answer-books of all candidates at terminal examinations shall also be

* A candidate taking History or Geography as a compulsory subject must not offer the same subject as an optional subject.

subject to inspection in such manner and by such authorities as the Board may direct.

5. The head of the institution shall furnish the oral or practical examiner, or such other authority as the Board may appoint, with a list of the candidates undergoing examination in the subject or subjects with which he is concerned, and shall make an entry against each name regarding the proficiency of the candidate as judged by his record therein during the course of study prescribed for the examination.

6. The head of the institution shall submit to the Secretary, before 1st May in the prescribed form, the following particulars for each candidate:—

(*a*) The percentage of marks obtained in each terminal examination conducted in the institution during the regular course of study prescribed for the examination;

(*b*) an entry for each subject of examination showing whether in the opinion of the head of the institution—

(i) the candidate deserves to pass ("P"),

or

(ii) the candidate's case is doubtful ("D"),

or

(iii) the candidate is not expected to pass ("F").

7. Any candidate who has passed a * public examination in an Oriental language (Sanskrit, Persian, or Arabic) may be admitted as a private candidate to the High School

* The following examinations are recognized by the Board as public examinations in an Oriental language under this Regulation and Regulation 7, Chapter XIV:—

(1) Maulvi, Alim, Mulla (now defunct), and Fazil in Arabic and Munshi and Kamil in Persian, conducted by the Education department of the United Provinces; (2) the Sanskrit Examinations conducted by the Government Sanskrit College, Benares and by the Benares Hindu University (*vide* Board's Resolution no. 33, dated November 6 and 7, 1925, and paragraph 2 of the Report of the meeting of the Examinations' Committee held on February 4, 1926, adopted by the Board); and (3) the Diploma Examinations in Arabic and Persian conducted by the Lucknow University [*vide* Board's Resolution no. 18(*g*), dated November 3, 1926].

Examination in English only, and shall, if successful, be entitled to a certificate of having passed the examination in English only.

8. *Candidates for the High School Examination are permitted to answer questions in English, Urdu, or Hindi in all subjects other than English.

CHAPTER XIV.

INTERMEDIATE EXAMINATION.

1. Every candidate for admission to the Intermediate Examination shall be required to have passed the Board's High School Examination, or to have passed an examination which by regulation is declared equivalent thereto, before entering upon the course of study prescribed for the Intermediate Examination.

2. The following examinations are declared equivalent to the Board's High School Examination for the purpose of enabling candidates to enter upon the course of study prescribed for the Intermediate Examination :—

(1) The Matriculation Examination of any University established by law in India approved for the purpose by the Board. (The Matriculation Examination of the following Universities are approved by the Board :—Allahabad, the Punjab, Bombay, Calcutta, Madras, Patna, †Benares, and †Aligarh) ;

---

* That the option referred to in this regulation be given, in the first instance, in the following subjects only and in the following manner *with effect from* the High School Examination of 1927 :—

(*a*) Sanskrit and Hindi ..	Through the medium of English *or* Hindi.
(*b*) Arabic, Persian, and Urdu ..	Through the medium of English *or* Urdu.
(*c*) History and Geography ..	Through the medium of English, Hindi *or* Urdu.
(*d*) Agriculture	Through the medium of English, Hindi *or* Urdu.

[*Vide* Board's Resolution no. 4(4), dated November 6, 1925.]

† By Matriculation Examination of the Benares Hindu and the Aligarh Muslim Universities the Admission Examination of the former and the High School Examination of the latter are meant.

(2) the School-leaving Certificate Examination of the United Provinces, or of another province, provided this examination is accepted as equivalent to Matriculation by the University established by law in that province;

(3) the Cambridge School Certificate (formerly called Senior Local) Examination provided a student has passed in five of such subjects as were recognized for the Matriculation Examination of the Allahabad University or the School-leaving Certificate Examination of the United Provinces, provided, further, that History and Geography are counted as separate subjects;

(4) the Diploma Examination of the Chiefs' Colleges;

(5) the High School Examination for European Schools in the Central Provinces and in other provinces;

(6) the High School Certificate Examination of the Board of High School Education, Central Provinces;

(7) the Anglo-Vernacular High School and the English High School Examinations of Burma;

(8) the London University Matriculation Examination;

(9) the English School-leaving Certificate Examination of the Travancore State;

(10) the High School-leaving Certificate Examination of Hyderabad (Deccan), provided a candidate has passed in class I or class II;

(11) the Secondary School-leaving Certificate Examination of Mysore, provided a candidate has been declared eligible for admission to a University Course.

3. No candidate shall be admitted to the Intermediate Examination unless two academical years shall have elapsed since the date of his or her passing the High School or an equivalent examination:

* Provided that candidates who have passed the Cambridge School Certificate (Senior Local) Examination may be admitted to the Intermediate Examination in the academical year following that in which they pass the Cambridge School Certificate Examination.

4. Any student who has kept one academical year at a college affiliated to the Universities of Calcutta, Madras, Bombay, Patna, Benares, the Punjab, Nagpur, Delhi or Aligarh, after Matriculation, may be allowed a year corresponding to that which he has so kept, provided he produces a satisfactory certificate from the Principal of a college affiliated to the Universities of Calcutta, Madras, Bombay, Patna, Benares, the Punjab, Nagpur, Delhi or Aligarh, that the corresponding year has been duly kept according to the regulations in force at the University from which he has † migrated, and that the said Principal has no objection to his transfer.

5. Every candidate for the Intermediate Examination shall be examined in English and any three of the following subjects :—

(1) Mathematics.
(2) Chemistry.
(3) Physics.
(4) Biology.
(5) Drawing.
(6) Economics.
(7) Civics.
(8) History and Allied Geography.

* Candidates intending to appear under this proviso are eligible to appear as private candidates also, provided they fulfil the necessary conditions [*vide* Board's Resolution no. 24 (last paragraph), dated November 8, 1924].

† The Board has framed no rules, nor prescribed any form regarding migration of students from or to its territorial jurisdiction. A candidate intending to migrate to a place outside the jurisdiction of the Board should communicate with the Divisional Inspector of Schools through the head of his last institution. In case the candidate is a resident of a place outside the United Provinces he should communicate with the head of his last institution.

(9) Histories of Greece and Rome and Allied Geography.

(10) Geography.

(11) Logic.

(12) A modern Indian language (Urdu or Hindi or Bengali or Marathi)

or

a modern European language (German or French).

(13) A classical language, *viz.*, Sanskrit, Arabic Persian, Latin, Greek or Hebrew.

(14) * Physiology, Hygiene, and Child-Study (for girls only).

6. Any candidate who has passed the Intermediate Examination of the Board or an examination equivalent thereto may appear at any subsequent Intermediate Examination or Examinations conducted by the Board in any subject in which he has not previously passed the Intermediate Examination, provided that in the case of a subject for which practical work or a practical examination is prescribed he produces evidence satisfactory to the Board that he has completed the practical course prescribed for the subject.

7. †Any candidate who holds a certificate of having passed the High School Examination in English only under Regulation 7, Chapter XIII, or of having passed an examination equivalent to the High School Examination in English only under similar conditions, may be admitted as a private candidate to the Intermediate Examination in English only, provided two academical years shall have

* A special subject intended to prepare girls either for the teaching profession or for domestic life (*vide* Board's Resolution no. 3, dated November 8, 1924).

† Passing the High School Examination in all subjects may be accepted as a fulfilment of the condition of passing in English required in this Regulation, provided that the candidate has also passed a recognised public examination in an Oriental language [*vide* Board's Resolution no. 34(*i*), dated November 6 and 7, 1925]

elapsed since the date of his or her passing the High School or an equivalent examination in English, and such a candidate shall, if successful, be entitled to a certificate of having passed the examination in English only.

CHAPTER XV.

COMMERCIAL DIPLOMA EXAMINATION.

1. * Every candidate for admission to the Commercial Diploma Examination shall be required to have passed the Board's High School Examination, or an examination * equivalent thereto, and to have, since the passing of this examination, prosecuted a regular course of study for not less than two academical years at an institution recognized by the Board for the Commercial Diploma Examination.

2. † Inspecting officers of an Education department and teachers in schools and colleges recognized by the Board may be admitted to this examination as private candidates by special permission of the Board, provided that by the date of the examination not less than two academical years shall have elapsed since the date of their passing the High School Examination or an examination equivalent thereto.

3. The following are the subjects of examination. These may be arranged in alternative groups in such manner and with such additions and alterations as the Board may from time to time decide:—

(1) English (General and Commercial).
(2) Book-keeping and Accountancy.
(3) Business Methods and Elementary Economics.
(4) Commercial Geography.
(5) Typewriting.
(6) Shorthand.

* See Regulation 2, Chapter XIV.

† Failed candidates of the Commercial Diploma Examination may also be admitted to a subsequent examination as private candidates under Regulations 16 and 17, Chapter XII (*vide* paragraph 6 of the report of the meeting of the Committee of Courses in Commerce, held on November 8, 1923).

CHAPTER XV(a).

AGRICULTURAL DIPLOMA EXAMINATION.

1. Every candidate for admission to the Agricultural Diploma Examination shall be required to have passed the Board's High School Examination, or an examination equivalent * thereto, and to have, since the passing of this examination, prosecuted a regular course of study for not less than two academical years at an institution recognized by the Board for the Agricultural Diploma Examination.

2. The following are the subjects of examination arranged in groups. The Board may make such additions and alterations in them as it may from time to time decide :—

Group I.—Elementary Farm Chemistry and Elementary Farm Physics.

,, II.—Botany and Elementary Zoology.

Group III.—Agriculture A—Farm Crops, Elementary Economics, Horticulture and Climatology.

V.—Agriculture B—Introduction to Animal Husbandry, Elementary Irrigation, Drainage, and Farm Machinery.

,, V.—English.

CHAPTER XVI.

ELECTION OF MEMBERS OF THE BOARD UNDER CLAUSES (c) AND (e) OF SUB-SECTION (1) OF SECTION 3 OF THE INTERMEDIATE EDUCATION ACT, 1921.

1. An election to fill any vacancy amongst members of the Board which is to be filled by election by Principals of Intermediate Colleges not maintained by Government or by Head Masters of High Schools not maintained by Government shall be held on such dates as the Chairman shall appoint.

* See Regulation 2, chapter XIV.

2. As soon as the Chairman has fixed the date for election, the Secretary shall circulate a notice to every Principal or Head Master, as the case may be, inviting the nomination of a candidate other than himself for election within the time to be named in the notice. Such time shall be not less than a fortnight from the date of the issue of the notice. Such notice shall state the date and hour up to which nominations will be received by the Secretary at his office.

3. Within the said time any Principal or Head Master, as the case may be, may propose a candidate other than himself for election as a member, provided that such candidate is willing to stand for election. This proposal need not be seconded.

4. On the expiration of the period fixed by the notice, the Secretary shall, after scrutiny of the nominations received, prepare and send to every voter a list of candidates who have been duly nominated, and have not withdrawn their candidature, together with a voting paper; and shall also specify the date fixed for election and the time on the said date up to which votes must be deposited with him:

Provided that if the number of such candidates is equal to the number of vacancies, all such candidates shall be deemed to be elected; and provided further that if the number of such candidates is less than the number of vacancies, all such candidates shall be deemed to be elected, and the Secretary shall invite fresh nominations for the remaining vacancy or vacancies.

5. The voting paper must be signed by the voter and shall be placed by him in a sealed cover superscribed "Voting paper for the election of a member of the Board." He shall either deliver the cover in person to the Secretary at his office or send it by registered post to him. The voting paper must reach the Secretary before the expiry of the time fixed within which votes will be received. The Secretary shall deposit all covers containing voting papers in a

safe in his office, until the time fixed by the Chairman for opening them, and for scrutinizing and counting the votes.

6. The Chairman shall appoint two members of the Board to act with the Secretary in the scrutiny and counting of the votes.

7. At the time fixed for opening the covers of the voting papers, the covers shall be opened by the Secretary in the presence of the said members, and the voting papers shall then be duly scrutinized.

8. Every Principal or Head Master, as the case may be, of an institution recognized by the Board shall be entitled to vote. Every voter shall have as many votes as there are vacancies to be filled: provided that no voter shall give more than one vote to any one candidate. If more than one vote be recorded by a voter for the same candidate, such votes shall be recognized as one vote. If the voter records more votes than the vacancies, his voting paper shall be declared invalid. The decision of the Secretary and the two members of the Board appointed to act with him shall be final as to the validity of any votes recorded. In case of difference of opinion between them, the decision shall be in accordance with the opinion of the majority.

9. After the scrutiny is completed and the votes have been counted, a statement shall be prepared for submission to the Chairman, showing the number of valid votes received by each candidate. Such statement shall be signed by the Secretary and the said two members of the Board

10. A candidate who has received the largest number of valid votes shall be deemed to be elected. In the event of two or more candidates obtaining an equal number of votes, the election shall be determined by lot to be drawn in the presence of the Secretary and the two members of the Board and in such manner as the Secretary may think fit.

11. The voting papers shall be preserved in the Secretary's office after the election till such time as the Chairman may direct.

CHAPTER XVII.

MISCELLANEOUS.

1. Detailed information regarding the examinations of the Board shall be given in the Prospectus of the Examinations, which is issued annually by the Secretary of the Board and can be obtained from the Superintendent, Government Press, Allahabad, on payment of the fixed price.

2. The *rules of the Educational Code of the United Provinces of Agra and Oudh shall apply to all institutions recognized by the Board in so far as they are not inconsistent with these regulations.

3. The Board shall, from time to time, prepare such form and registers as may be deemed necessary. The forms when so prepared shall be appended to these regulations and shall, with such variations as circumstances may require, be used for the respective purposes therein mentioned.

---

* No rules or regulations have been made by the Board on the subject of the admission of students to recognized institutions. The admission of students reading in School classes should therefore be governed by the Inter-school rules contained in paragraph 118 of the United Provinces Educational Code and the same rules should also be applicable to students reading in the Intermediate classes which are now treated as School classes in so far as the rules are not inconsistent with the Board's regulations.

Particular attention of all heads of recognized institutions is drawn to sub-paragraph (*f*), paragraph 118 of the Educational Code, which runs as follows:—

> "A scholar who has not attended school for a whole year, or the greater part of a year, may be admitted into the class immediately above the one he last read in, in which case the fact should be recorded in the scholar's register. In the same way a scholar absent for two years, or the greater part of two years, may be allowed to join the class two standards higher, and so on; *but in no other case will the scholar be admitted into a higher class than that for which he holds the scholar's register*, and the Head Master is authorized to place him in a lower class if after due examination he considers him fit only to study in a lower one. This rule applies equally to the case of a scholar coming from a vernacular school."

4. The Board shall, for the purposes of a regular course of study, prescribe the minimum number of meetings of a class that must be held in preparation for any of its examinations.*

5. Admission to any class or section of a class shall be limited to a maximum of 35 scholars in a class or section of a class of a High School, excluding primary classes, and 45 in a section of the Intermediate classes: provided that in the case of colleges which were affiliated up to the Intermediate standard by the Allahabad University the maximum in a section may be 60 for a period of five years.

---

* NOTE.—"The minimum number of days that recognized institutions, including classes XI and XII will be open will be 180; for other recognized institutions, the minimum number will be 200.

No candidate will be presented for an examination of the Board by a recognized institution unless he has been present (in classes IX and X in the case of the High School Examination and in classes XI and XII in the case of the Intermediate Examination) for at least 75 per cent. of the days the institution was open during two academical years.

In the case of failed and detained candidates the percentage will be calculated for one academical year only.

The head of a recognized institution may condone a deficiency of not more than six days. All cases in which this privilege is exercised will be reported to the Board.

The Board may, in very special cases, condone a deficiency of not more than 15 days."

† This minimum applies to the institution as a whole and not to attendance in class X or class XII separately (*vide* paragraph 16 of the minutes of the meeting of the Board held on November 30 and December 1, 1923).

RULES OF THE EXAMINATIONS' COMMITTEE.

Rules for the scrutiny of marks and the checking of the results of failed candidates.

1. Any candidate who has failed at an examination conducted by the Board may apply to the Secretaryf or the scrutiny of his marks and the re-checking of his result.

2. Such applications must be made within two months from the date of the publication of the result and must be forwarded by the head of the institution or other authority who forwarded the candidate's original application for permission to appear at the examination.

3. All such applications must be accompanied by a copy of the Treasury chalan showing that the prescribed fee of Rs. 10 has been paid. In the case of candidates belonging to Indian States this fee must be sent in cash to the office of the Secretary.

4. A candidate shall not be entitled to a refund of the fee unless as a result of the scrutiny he is declared successful in the examination.

5. If on scrutiny and re-checking a failed candidate is found to have passed, his name shall be at once published in the Gazette in a supplementary list. In all other cases the result of the scrutiny shall be communicated to the candidate through the head of the institution or other forwarding authority as soon as possible.

Rules for the conduct of the High School Examination in the vernacular medium.

1. All question papers will be worded in English.

2. Candidates for the High School Examination shall be permitted to answer questions in English or in Urdu or in Hindi in the following subjects only and with the limitations noted against each :—

(*a*) Sanskrit and Hindi ... through the medium of English or Hindi.

(*b*) Arabic, Persian, and Urdu	through the medium of English or Urdu.
(*c*) History and Geography ...	through the medium of English, Urdu, or Hindi.
(*d*) Agriculture ...	through the medium of English, Urdu, or Hindi.

3. No candidate will be permitted to use two different languages or scripts in answering questions in the same paper. Technical terms or proper nouns may be written in English by a candidate using one of the Indian languages.

4. Each candidate will state in his application form the language he wishes to use in answering questions and will also mention it on the cover of his answer-books.

5. Candidates will not be permitted to use a language or script different from the one they have declared in their application form.

6. Heads of institutions recognized for the Board's High School Examination shall, not later than the 15th August each year, submit a statement in the prescribed form showing the probable number of candidates offering (*a*) Hindi, (*b*) Urdu, and (*c*) English as their medium of answering papers at the next ensuing examination. The figures should be based as far as possible on the written declaration of the candidates.

7. Heads of institutions as well as other officers forwarding the application forms of candidates shall personally check whether each candidate has made the requisite declaration in his application form.

8. Superintendents of examination centres shall exercise the strictest care possible in the collection of answer-books and in the despatch of them to the right examiner in the case of those subjects or papers for which different examiners have been appointed to mark answers written in different media.

9. Superintendents of examination centres are not authorized to give any instructions to candidates on matters relating to the style or vocabulary to be employed by candidates using the vernacular medium of examination.

N.B.—1. Only one medium should be stuck to in answering *all* questions in *all* papers and in those subjects only (*vide* rule 2) in which the vernacular medium is permissible for the examination.

2. The above rules are not applicable to those candidates who have not adopted a vernacular medium of examination.

LIST OF EXAMINATION CENTRES.

List of Centres for the Intermediate Examination of 1927.

1. St. John's College, Agra.
2. Ewing Christian College, Allahabad
3. Kayastha Pathshala, Allahabad.
4. Government Intermediate College, Allahabad.
5. Government Intermediate College, Almora.
6. Bareilly College, Bareilly.
7. Queen's Intermediate College, Benares.
8. Christ Church Intermediate College, Cawnpore.
9. D. A.-V. College, Cawnpore.
10. D. A.-V. Intermediate College, Dehra Dun.
11. Government Intermediate College, Etawah.
12. Government Intermediate College, Fyzabad.
13. St. Andrew's College, Gorakhpur.
14. Government Intermediate College, Jhansi.
15. Isabella Thoburn College, Lucknow.
16. Government Jubilee Intermediate College, Lucknow.
17. Christian Intermediate College, Lucknow.
18. Meerut College, Meerut.
19. Government Intermediate College, Moradabad.
20. N. R. E. C. Intermediate College, Khurja.
21. S. S. Memorial Intermediate College, Chandausi.
22. Government College, Ajmer.
23. Victoria College, Gwalior.
24. Indore Christian College, Indore.
25. Maharaja's Intermediate College, Jaipur.

List of Centres for the Commercial Diploma Examination of 1927.

1. St. John's College, Agra.
2. S. D. College of Commerce, Cawnpore.
3. D. A.-V. College, Cawnpore.
4. Christian Intermediate College, Lucknow.
5. S. S. Memorial Intermediate College, Chandausi.

6. Meerut College, Meerut.
7. Kayastha Pathshala College, Allahabad.
8. N. R. E. C. Intermediate College, Khurja.
9. Bareilly College, Bareilly.

List of Centres for the Agricultural Diploma Examination of 1927.

1. Ewing Christian College, Allahahad.
2. Sanatan Dharm College of Commerce, Cawnpore.

List of Centres for the High School Examination of 1927.

1. D. A.-V. Intermediate College, Dehra Dun.
2. Government High School, Muzaffarnagar.
3. Government High School, Meerut.
4. Nanak Chand A S. High School, Meerut.
5. Government High School, Bulandshahr.
6. N. R. Edward Coronation Intermediate College, Khurja.
7. Government High School, Aligarh.
8. Government High School, Muttra.
9. Government High School, Agra.
10. St. John's High School, Agra.
11. Radhaswami Educational Institute, Agra.
12. Government High School, Mainpuri.
13. Government High School, Bareilly.
14. Government High School, Bijnor.
15. Government High School, Budaun.
16. Government Intermediate College, Moradabad.
17. Shiam Sunder Memorial Intermediate College, Chandausi.
18. Government High School, Shahjahanpur.
19. Government High School, Farrukhabad.
20. Government High School, Fatehgarh.
21. Government Intermediate College, Etawah.
22. Government High School, Cawnpore.
23. Government Intermediate College, Allahabad.

24. Kayastha Pathshala Intermediate College, Allahabad.
25. Government Intermediate College, Jhansi.
26. MacDonnell High School, Jhansi.
27. Queen's Intermediate College, Benares.
28. London Mission High School, Benares.
29. Jai Narain's High School, Benares.
30. Udai Pratap College and Hewett Kshattriya High School, Benares.
31. Government High School, Ballia.
32. Government Jubilee High School, Gorakhpur.
33. Wesley High School, Azamgarh.
34. Government High School, Basti.
35 Government High School, Naini Tal.
36. Government Intermediate College, Almora.
37. Government High School, Srinagar (Garhwal).
38. Government Jubilee Intermediate College, Lucknow.
39. Husainabad Government High School, Lucknow.
40. Christian Intermediate College, Lucknow.
41. Isabella Thoburn College, Lucknow.
42. Government High School, Sitapur.
43. Government High School, Unao.
44. Government High School, Rae Bareli.
45. Government Intermediate College, Fyzabad.
46. Government High School, Gonda.
47. Government High School, Ajmer.
48. Maharana's College, Udaipur.
49. Maharaja's Intermediate College, Jaipur.
50. Victoria College, Lashkar (Gwalior).
51. Government High School, Nowgong.
52. Maharaja Shivaji Rao High School, Indore.

RATES OF HONORARIA.

I.—Intermediate Examination.

		Rs.	a.	p.	
1.	For setting a full paper.	40	0	0	
2.	For marking each answer-paper.	1	0	0	
3.	For the Practical Examination in Science (to the External Examiner only).	1	8	0	Per candidate with a minimum of Rs. 30 per college.
4.	To the Head Examiner, in addition to the fee for marking answer-papers.	...			Rupees 50 to be paid in respect of each sub-examiner (if any) working under him, no additional fee being paid for re-examining marked answer-books received from sub-examiners, or for supplying models to them. Ten models at least should be supplied to each sub-examiner, and at least 30 marked answer-books of each sub-examiner should be called for in three instalments and re-examined by the Head Examiner.
5.	For translating a paper.	30	0	0	

6. For the Examiner who collaborates with the translators (Urdu, Hindi, and Bengali) of English III paper for the purpose of avoiding divergences between the Vernacular renderings—the same fee as for setting each of these papers.

		Rs.	a.	p.	
7.	To the Head Examiner in each practical Examination in Science.	10	0	0	Per hundred candidates with a minimum fee of Rs. 50 for the whole work.
8.	For marking the practical work of candidates in Economics.	1	0	0	Per candidate.
9.	For re-examining ten per cent. of the written work of candidates in Economics.	1	0	0	Per candidate's written work actually re-examined.

10. To the Head Examiner in the Practical Examination in Economics, an additional fee of Rs. 50 in respect of each Assistant Examiner working under him.

II.—High School Examination.

		Rs.	a.	p.	
1.	For setting a paper	30	0	0	
2.	For marking each answer-paper.	0	8	0	
3.	For marking Dictation and Shikast sheets.	15	0	0	Per hundred candidates.
4.	For Oral and Practical Examination per candidate.	2	0	0	With a minimum of Rs. 20 for each institution.

		Rs.	a.	p.	
5.	To the Head Examiner, in addition to the fee for marking answer-papers or setting questions.	40	0	0	On the same conditions as in the Intermediate.
6.	For translating a paper.	20	0	0	
7.	To the Head Examiner for checking Oral or Practical work done by Sub-Examiners.	10	0	0	Per hundred candidates.
8.	For setting a paper in Dictation and in Urdu Shikast.	15	0	0	
9.	For the Examiner who collaborates with the translators (Urdu, Hindi, and Bengali) of English III paper for the purpose of avoiding divergences between the Vernacular renderings—the same fee as for setting each of these papers.				

III.—COMMERCIAL DIPLOMA EXAMINATION.

		Rs.	a.	p.
1.	For setting a paper.	30	0	0
2.	For marking each answer-paper.	1	0	0

IV.—AGRICULTURAL DIPLOMA EXAMINATION.

		Rs.	a.	p.
1.	For setting a paper	30	0	0
2.	For marking each answer-paper.	1	0	0
3.	For the practical examination per candidate.	1	0	0
4.	For translating a paper.	20	0	0

The Boards of Moderators for the Board's High School, Intermediate, Commercial Diploma, and Agricultural Diploma Examinations of 1928.

(1) ENGLISH.

1. Rai Bahadur A. C. Mukerji, Secretary of the Board.
2. P. Seshadri, Esq., M.A., Professor, Benares Hindu University, Benares.
3. Dr. C. A. R. Janvier, M.A., D.D., Principal, Ewing Christian College, Allahabad (to act as *Convener*).

(2) HISTORY AND CIVICS.

1. Dr. Beni Prasad, Reader, Allahabad University, Allahabad.
2. Parmanand, Esq., M.A., Lecturer, Allahabad University.
3. Dr. Tara Chand, M.A., D.Phil. (Oxon.), Principal, Kayastha Pathshala University College, Allahabad (to act as *Convener*).

(3) PHYSICS.

1. Dr. Wali Muhammad, M.A., PH.D., Professor, Lucknow University, Lucknow.
2. Saligram Bhargava, Esq., M.SC., Reader, Allahabad University, Allahabad (to act as *Convener*).

(4) COMMERCE AND COMMERCIAL DIPLOMA PAPERS.

1. B. N. Chopra, Esq., Professor, S. D. College of Commerce, Cawnpore.
2. J. T. Goodchild, Esq., M.A., Professor, St. John's College, Agra.
3. J. P. Srivastava, Esq., M.SC., Civil Lines, Cawnpore (to act as *Convener*).

(5) MATHEMATICS.

1. A. C. Banerji, Esq., M.A., M.SC., Reader, Allahabad University, Allahabad.

2. Dr. Gorakh Prasad, Reader, Allahabad University, Allahabad.
3. R. H. Moody, Esq., M.A., officer on special duty, office of the Director of Public Instruction, United Provinces, Allahabad (to act as *Convener*).

(6) SANSKRIT, HINDI, BENGALI, MARATHI, AND GUJARATI.

1. Rai Sahib Shyam Sundar Das, B.A., Professor, Benares Hindu University.
2. Pandit Gopi Nath Kaviraj, M.A., Principal, Government Sanskrit College, Benares.
3. A. B. Dhruva, Esq., M.A., LL.B., Pro-Vice-Chancellor, Benares Hindu University, Benares (to act as *Convener*).

(7) ARABIC, PERSIAN, AND URDU.

1. Dr. Tara Chand, M.A., D.Phil (Oxon.), Principal, Kayastha Pathshala University College, Allahabad.
2. Maulvi Mahdi Husain Nasiri, M.A., Head Master, Government High School, Bara Banki.
3. S. M. Zamin Ali, Esq., M.A., Lecturer, Allahabad University, Allahabad (to act as *Convener*).

(8) BIOLOGY.

1. Dr. K. N. Bahl, M.SC., D.Phil., D.SC., Professor, Lucknow University, Lucknow.
2. Dr. J. H. Mitter, Allahabad University.
3. Dr. W. S. Dudgeon, Professor, Ewing Christian College, Allahabad (to act as *Convener*).

(9) DOMESTIC SCIENCE, PHYSIOLOGY, HYGIENE, AND CHILD-STUDY.

1. Miss E. Thillayanpalam, M.A., Isabella Thoburn College, Lucknow.
2. Dr. K. N. Bahl, Professor, Lucknow University, Lucknow.
3. Dr. S. H. Commissariat, Superintendent, Medical And to Women, United Provinces, Lucknow (to act as *Convener*).

(10) MANUAL TRAINING.

1. Lala Wazir Sahai, Chief Engineer, Improvement Trust, Allahabad.
2. G. F. Worthen, Esq., Principal, Government Carpentry School, Allahabad (to act as *Convener*).

(11) CHEMISTRY.

1. Dr. N. R. Dhar, Professor, Allahabad University, Allahabad.
2. S. C. Deb, Esq., M.A., Reader, Chemistry department, Allahabad University, Allahabad (to act as *Convener*).

(12) LOGIC.

1. Anukul Chandra Mukerji, Esq, M A., Lecturer, Allahabad University, Allahabad.
2. Lala Diwan Chand, M.A., Principal, D. A.-V. College, Cawnpore (to act as *Convener*).

(13) AGRICULTURE AND AGRICULTURAL DIPLOMA PAPERS.

1. C. Maya Das, Esq., Principal, Agricultural College, Cawnpore.
2. H N. Batham, Esq, M.A., Professor, Agricultural College, Cawnpore.
3. Dr. S. Higginbottom, Principal, Agricultural Institute, Naini, Allahabad (to act as *Convener*).

(14) DRAWING.

1. Lala Wazir Sahai, Chief Engineer, Improvement Trust, Allahabad.
2. A. K. Haldar, Esq., Principal, Government School of Arts and Crafts, Lucknow.
3. G. F. Worthen, Esq., Principal, Government Carpentry School, Allahabad (to act as *Convener*).

(15) LATIN AND FRENCH.

1. A. A. Simpson, Esq., M.A., Principal, Training College, Allahabad.
2. D. Kerrin, Esq., Principal, Boys' Intermediate College, Allahabad.
3. Dr. J. C. Weir, Principal, University School of Law, Allahabad (to act as *Convener*).

(16) GEOGRAPHY.

1. W. E. Andrews, Esq., M.A., Principal, La Martinière College, Lucknow.
2. Kaushal Kishore, Esq., B.A., L.T., Lecturer, Training College, Allahabad (to act as *Convener*).

(17) ECONOMICS.

1. S. K. Rudra, Esq., M.A. (Cantab.), Reader, Allahabad University, Allahabad.
2. C. D. Thompson, Esq., M.A., Head of the Economics Department, Allahabad University, Allahabad (to act as *Convener*).

MISCELLANEOUS RULES.

Travelling Allowance Rates.

Non-official members attending the meetings of the Board and its Committees will be paid travelling and halting allowances not exceeding those admissible to first class officers under rule 20 of the United Provinces Travelling Allowance Rules; while the travelling and halting allowances of official members of the Board and its Committees will be governed by the rules laid down for the purposes in the said rules.

Maximum and minimum marks assigned to the various subjects for the examinations of 1928.

HIGH SCHOOL EXAMINATION.

Maximum marks	...	150 in English and 100 in every other subject.
Minimum pass marks	...	50 in English and 33 in every other subject.

INTERMEDIATE EXAMINATION.

Maximum marks	...	150 in English and 100 in every other subject.
Minimum pass marks	...	50 in English and 33 in every other subject.

COMMERCIAL DIPLOMA AND AGRICULTURAL DIPLOMA EXAMINATIONS.

Maximum marks	...	100 in each subject.
Minimum pass marks	...	33 ditto.

COURSES OF STUDIES.

HIGH SCHOOL EXAMINATION OF 1928.

A—COMPULSORY SUBJECTS.

I.—ENGLISH.

Three papers, each of three hours, will be set—(1) on the prescribed course in prose and poetry with questions on grammar, idiom, etc.; (2) on unseen passages with questions on grammar and idiom; (3) passages in an Indian Vernacular for translation into English and a simple narrative or descriptive composition in English. There will be no oral test, but there will be an examination in English dictation at each centre.

Books prescribed:—

Group A.—

1. Macmillan's English Prose Selections.
2. Holme's Literary Readings—the following lessons excepted:—
   No. 7.—Louis XI at a Boar-Hunt.
   No. 12.—Rural Life in England.
   No. 15.—A siege in the Olden Times.
   No. 16.—The Stage Coach.
   No. 18.—Under Ivan the Terrible.
3. Jone's English Prose Selections (Indian Press, Ltd., Allahabad)—the following lessons excepted:—

(i) A Japanese dinner, pages 94—103.
(ii) The Water-Babies, pages 226—251.
(iii) The Death of Bill Sikes, pages 186—196.
(iv) Advice to youth (Ecclesiastes), pages 1—2.

Group B.—

1. Cradle Tales of Hinduism by Miss Noble, Parts I and III, Longmans, Green & Co.
2. A Book of Golden Deeds, by Yonge, from which only the following stories are prescribed:—
   How One Man has saved a host.
   The Pass of Thermopylae.
   The Two Friends of Syracuse.

The Last Fight in the Coliseum.
Faithful till Death.
Children of Blentaran Ghyll.
Casal Noo.
The Mad Dog.
Monthyon Prizes
Discipline.

3. Tom Brown's School Days (abridged), (Macmillan & Co.)

Group C.—

1. Indian Schools Book of Verse, from which the following poems are prescribed :—King Bruce; The Slave's Dream; The Lotus Pool; The Plate of Gold; The Honest Man; The Toys; Incident of the French Camp; The Old Order Changeth; Prospice; My Heart Leaps Up; The Tiger.
2. The Star of India Poetry Book, from which the following poems are prescribed :—
   Lochinvar; The Assyrian Came Down; The Slave's Dream; The Charge of the Light Brigade; Incident of the French Camp; Abou Ben Adhem; A Farewell; Home They Brought Her Warrior Dead; Now; Maximus; I Will be Worthy of It; Forty Years On.
3. School Favourites, from which the following poems are prescribed :—Lochinvar; The Poet's Song; The Honest Man; The Plate of Gold; The Deserted Village; To a Waterfowl; To the Cuckoo, by Wordsworth; The Daffodils, by Wordsworth; Alexander Selkirk; A Psalm of Life; Ring out Wild Bells; The Spacious Firmament.

N.B.—*The above text-books are arranged in three Groups—A, B, and C. Group A contains books of Prose Selections, Group B books of Inspirational Stories and Group C books of Poetry. Every school must select for study one book only from each of the above Groups.*

Books recommended for rapid reading and indicating the standard of the unseen passages to be set in the second paper :—

1. In England, by S. G. Dunn. *Macmillan & Co.* 12 annas.

2. Scott's Ivanhoe (abridged) by P. Wren. *Oxford University Press, Hornby Road, Bombay.* Re. 1.

3. Stories from the Arabian Nights (Senior Series), *Longmans' Green & Co.* 8*d.*

4. Scott's Ivanhoe, Victory Series.

5. Tanglewood Tales by N. Hawthorne. *Longmans, Green & Co.* 1*s.*

6. Man and his Markets, by L. W. Lyle. *Macmillan & Co.*

7. Tales from Dickens, by T. F. O'Donnell.

8. A Naturalist on the Amazons by H. W. Bates. Abridged and edited by F. A. Bruton. *Macmillan & Co.* 2*s.* 6*d.*

9. A Persian Hero. Edited by W. Grandy. *Macmillan, & Co.* 1*s.*

10. Stories from Tagore. *Macmillan and Co.*

11. The Cloister and the Hearth, by Charles Reade. Abridged and simplified by S. G. Dunn. *Oxford University Press, Hornby Road, Bombay.* Re. 1.

12. The Cloister and the Hearth, by Charles Reade. Abridged and simplified by Armour, Victory Series.

13. Pioneer Progress by H. Hayens. *Collins Clear Type Press, London.*

14. The Story of Francis Drake by H. R. Ford. *Herbert Strang's Readers, Grade IV. Oxford University Press, Bombay.* 1*s.*

15. Stories from Don Quixote, by H. Martin.

16. Stories of Greece and Rome, by H. Jhonstone. *Longmans, Green & Co.*

17. Rupert of Hentzau, by Anthony Hope. *Oxford University Press,* Re. 1.

18. Sohrab and Rustam, by Edwin Arnold.

19. Stories for the Young from Dickens, by Ram Rattan and Madan Gopal.

20. Hereward the Wake by C. Kingsley. Abridged and simplified by H. Martin. *Oxford University Press, Bombay.* Re. 1.

21. The Prisoner of Zenda by Anthony Hope. Abridged and simplified by E. V. Rieu. *Oxford University Press, Bombay.* Re. 1.

22. The use of Life by Lord Avebury.

23. Tales of Troy, retold in English by Aubrey Stewart, M.A., and edited by T. S. Peppin, M.A., *Macmillan and Co., Ltd.* Price 1*s.* 9*d.*

II.—MATHEMATICS.

There will be two papers, each of three hours—one in Arithmetic and Algebra and the other in Geometry and Mensuration.

SYLLABUS.

1. *Arithmetic.*—Notation and numeration. The four simple rules. The four compound rules in British and Indian money and in Indian weights and measures in common use in the United Provinces. British and Metric systems of measuring length, area, volume, capacity and weight. Factors. Prime numbers, G. C. M. or H. C. F. by factors. L. C. M. Vulgar fractions. Vulgar fractions of concrete quantities. Practice. Decimal fractions (including the conversion of a recurring decimal into a vulgar fraction and conversely). Decimal fractions of concrete quantities. Square root. Ratio. Simple and compound proportion. Proportional parts. Average. Decimal approximations. Percentages. Profit and loss. Simple and compound interest. Present worth and discount. Problems (algebraical methods may be used).

2. *Algebra.*—The four simple rules. Fractions. Greatest common measure. Least common multiple. Factors.

Proportion. Simple Equations of one or more unknown quantities with easy problems. Square root. Quadratic equations of one unknown quantity with easy problems. Graphs of statistics. Graphs of straight lines. Graphical solution of linear simultaneous equations. Simple graphical problems.

N. B.—Candidates will be provided with squared paper, if necessary.

3. *Geometry.*—The course includes both practical and theoretical Geometry, and every candidate will be expected to answer questions in both branches of the subject. The questions on Practical Geometry will be set on the constructions contained in the annexed schedule A, together with easy extensions of them. All figures should be drawn accurately, for which purpose every candidate should provide himself with a graduated scale, a pair of set squares, a protractor, a compass, and a hard pencil. The questions on theoretical Geometry will consist of theorems contained in the annexed schedule B, together with easy extensions and deductions with numerical illustrations. Any proof of a proposition will be accepted which appears to the examiners to form part of a systematic treatment of the subject; the order in which the theorems are stated in schedule B is not imposed as the sequence of their treatment. In the proof of the theorems hypothetical constructions will be permitted.

N.B.—Candidates will be provided with squared paper, if necessary.

SCHEDULE A.

Bisection of angles and of straight lines.

Construction of perpendiculars to straight lines.

Construction of an angle equal to a given angle.

Construction of parallels to a given straight line.

Simple cases of the construction from sufficient data of angles and quadrilaterals.

Division of straight lines into a given number of equal parts.

Construction of a triangle equal in area to a given polygon.

Construction of tangents to a circle and of common tangents to two circles.

Simple cases of the construction of circles from sufficient data.

Construction of rectangle equal to a given polygon.

Construction of a rectangle on a given base equal in area to a given rectangle.

Construction of a square equal to a given rectangle.

Construction of a rectangle of given area the sum or difference of whose sides is given. (These constructions should be based on the propositions on the Geometry of the circle).

Construction of a fourth proportional to three given straight lines and a mean proportional to two given straight lines (as corollaries to previous constructions of rectangles).

Construction of regular figures of 3, 4, 6, or 8 sides in or about a given circle.

SCHEDULE E.

Angles at a point.

If a straight line stands on another straight line, the sum of the two angles so formed is equal to two right angles; and the converse.

If two straight lines intersect, the vertically opposite angles are equal.

Parallel Straight Lines.

When a straight line cuts two other straight lines, if—

(i) a pair of alternate angles are equal, or

(ii) a pair of corresponding angles are equal, or

(iii) a pair of interior angles on the same side of the cutting line are together equal to two right angles, then the two straight lines are parallel; and the converse.

Straight lines which are parallel to the same straight line are parallel to one another.

Triangles and Rectilineal Figures.

The sum of the angles of a triangle is equal to two right angles.

If the sides of a convex polygon are produced in order the sum of the angles so formed is equal to four right angles.

If two triangles have two sides of the one equal to two sides of the other, each to each, and also the angles contained by these sides equal, the triangles are congruent.

If two triangles have two angles of the one equal to two angles of the other, each to each, and also one side of the one equal to the corresponding side of the other, the triangles are congruent.

If two sides of a triangle are equal, the angles opposite to these sides are equal; and the converse.

If two triangles have the three sides of the one equal to the three sides of the other, each to each, the triangles are congruent.

If two right-angled triangles have their hypotenuses equal, and one side of the one equal to one side of the other, the triangles are congruent.

If two sides of a triangle are unequal, the greater side has the greater angle opposite to it; and the converse.

Of all the straight lines that can be drawn to a given straight line from a given point outside it, the perpendicular is the shortest.

The opposite sides and angles of a parallelogram are equal; each diagonal bisects the parallelogram and the diagonals bisect one another.

If there are three or more parallel straight lines and the intercepts made by them on any straight line that cuts them are equal, then the corresponding intercepts on any other straight line that cuts them are also equal.

Areas.

Parallelograms on the same or equal bases and of the same altitude are equal in area.

Triangles on the same or equal bases and of the same altitude are equal in area.

Equal triangles on the same or equal bases are of the same altitude.

Illustrations and explanations of the geometrical theorems corresponding to the following Algebraical identities:—

$$k(a + b + c + \ldots) = ka + kb + kc + \ldots \ldots$$
$$(a + b)^2 = a^2 + 2ab + b^2.$$
$$(a - b)^2 = a^2 - 2ab + b^2.$$
$$a^2 - b^2 = (a + b)(a - b).$$

The square on a side of a triangle is greater than, equal to, or less than, the sum of the squares on the other two sides, according as the angle contained by these sides is obtuse, right, or acute. The difference in the case of inequality is twice the rectangle contained by one of the two sides and the projection on it of the other.

Loci.

The locus of a point which is equidistant from two fixed points is the perpendicular bisector of the straight line joining the two fixed points.

The locus of a point which is equidistant from two intersecting straight lines consists of the pair of straight lines which bisect the angles between the two given lines.

The Circle.

A straight line drawn from the centre of a circle to bisect a chord which is not the diameter is at right angles to the chord; conversely, the perpendicular to a chord from the centre bisects the chord.

There is one circle and one only which passes through three given points not in a straight line.

In equal circles (or in the same circle), (*i*) if two arcs subtend equal angles at the centres, they are equal; (*ii*) conversely, if two arcs are equal, they subtend equal angles at the centre.

In equal circles (or in the same circle), (*i*) if two chords are equal, they cut off equal arcs; (*ii*) conversely, if two arcs are equal, the chords of the arcs are equal.

Equal chords in a circle are equidistant from the centre; and the converse.

The tangents at any point of a circle and the radius through the point are perpendicular to one another.

If two circles touch, the point of contact lies on the straight line through the centres.

The angle which an arc of a circle subtends at the centre is double that which it subtends at any point on the remaining part of the circumference.

Angles in the same segment of a circle are equal; and if the line joining two points subtends equal angles at two other points on the same sides of it, the four points lie on a circle.

The angle in a semi-circle is a right angle, the angle in a segment greater than a semi-circle is less than a right angle, and the angle in a segment less than a semi-circle is greater than a right angle.

The opposite angles of any quadrilateral inscribed in a circle are supplementary; and the converse.

If a straight line touch a circle and from the point of contact a chord be drawn, the angles which this chord makes with the tangent are equal to the angles in the alternate segments.

If two chords of a circle intersect either inside or outside the circle, the rectangle contained by the parts of the one is equal to the rectangle contained by the parts of the other.

4. *Mensuration.*—Simple rectilineal figures; formulae for area and circumference of a circle.

The following books are suggested:—

For *Algebra*—

Ross: Elementary Algebra, Part I, Longmans, Green & Co.

BAKER and BOURNE: Elementary Algebra, Part I, G Bell & Sons.

H. S. HALL: School Algebra, Parts I—II, Macmillan & Co.

In *Geometry*—

HALL and STEVENS: A School Geometry, Parts I to IV, Macmillan & Co.

Pierpoint's Elements of Geometry.

For *Arithmetic*—

Grant's Advanced Arithmetic, Indian School Supply Dépôt, Calcutta.

III.—HISTORY.

There will be two papers, each of three hours—

(i) Indian History and Allied Geography, and

(ii) English History and Allied Geography.

Indian History.

Syllabus of Indian History from the earliest time to the present day.

I.—Geography of India.

1. World position—
   - (*a*) Contiguous countries and means of communications with them.
   - (*b*) Surrounding seas and communications with lands across the seas.
2. Frontiers of India—
   - (*a*) Extent and character of land frontier.
   - (*b*) Extent and character of sea coast.
3. Divisions of India—
   - (*a*) Sub-mountain region.
   - (*b*) Nothern Plains.
   - (*c*) The Deccan.
   - (*d*) Eastern, Western and Southern littoral.
   - (*e*) Transgangetic peninsula. Geographical features and boundaries of the regions. Lie of land, river and mountain systems and routes.

4. Soil and climate, products and occupation.
5. Races of India—
   (*a*) Dravidian.
   (*b*) Aryan.
   (*c*) Minor races.
6. Unity of India—
   (*a*) Well-marked boundaries, separating India from other countries, i.e., Himalayas, desert of Baluchistan, seas.
   (*b*) Internal barriers less well marked—Vindhayas.
   (*c*) Himaliyas and its influence.
   (*d*) Seasons, monsoon, climate.
   (*e*) Racial unity.
   (*f*) Economic unity.

II.—Ancient India.

A. Vedic period till 600 B. C.
1. The Dravidians.
2. The Aryan immigration.
3. Character of culture—
   (*a*) Vedic religion—Outline.
   (*b*) Vedic Society—Caste, woman.
   (*c*) Literature—Veda (Brahman, Upanishad, Smriti).

B. Buddhist period 600—180 B. C.
1. Life and teaching of Buddha.
2. Mauryas, Asoka.
3. Culture—
   (*a*) Dharma.
   (*b*) Government.

C. Hindu period 180 B. C.—650 A. D.
1. Sungas, Kanvas Andhras.
2. Yuechis, Kushanas, Kanishka.
3. Guptas—Samudragupta, Chandragupta, Vikramaditya.
4. Harsha.

5. Culture—
   (*a*) Religion—Puranas, Epic (toleration).
   (*b*) Literature—Kalidasa.
   (*c*) Art—Ajanta, Amaravati.

D. Rajput period 650 A. D.—1200 A. D.

1. The origin of Rajputs.
2. Rajput kingdoms, Chauhans, Chandels, Gharwar (Rathor).
3. The South—Pandyas, Pawars, Cholas and Keralas.
4. The Deccan—Yadavas, Chalukyas, Rashtrakutas.

III.—Medieval India.

A. Early medieval.

1. Life and teaching of Muhammad.
2. The Arab expansion.
3. The Turks and their kingdoms.
4. Turkish invasions—
   (*a*) Mahmud of Ghazni.
   (*b*) Muhammad Shahab-ud-din Ghori.
   (*c*) The Slave kings—Balban and Mangol invasions.
   (*d*) The Khiljis, Ala-ud-din and conquest of the south.
   (*e*) The Tughlaks—Muhammad and Firoz—break up of early medieval empire.
   (*f*) Provincial principalities and invasion of Timur.
   (*g*) The Hindu Kingdoms of the south.
   (*h*) Culture.

Religion—Kabir.

Literature—Growth of Modern Indian Languages.

B. Later medieval—

(*a*)1. Sayyads and Lodis—Dissensions.
2. Baber and Humayun—Conquest and failure.
3. Sher Shah.
4. Akbar—Conquest and consolidation.
5. Jahangir, Shahjahan—Prosperity.

6. Aurangzeb—
   Religious quarrels.
   Conquest of the south.
7. Successors of Aurangzeb.
   Decay of Empire.

(*b*) Mahrattas—Shivaji—The struggle with the Mughals and the Peshwas up to 1761.

(*c*) Sikhs—Nanak and Guru Govind Singh.

(*d*) Early European settlements, 1600—1708.

1. Portugese—Discovery of the route from Europe to India.
2. Dutch—Settlement in the Spice archipelago.
3. English—Embassies to Mughal emperors and establishment of factories.
4. French—Establishment of factories.

(*e*) Culture—
Religion, Bhakti Movement.
Art—Taj.
Literature 1. Hindi-Tulsidasa, Surdasa, Rahim, Malik, Md. Jaisi.
2. Urdu.

IV.—Modern India.

A. 1. Struggle between the empire and the Mahrattas.
2. Break-up of the empire and the establishment of Subedars.
3. Sikhs—Ranjit Singh.
4. Mahratta and other Indian states.

B. 1. Struggle of the European Powers. The French and the British (1700—1763).

2. Struggle between the English and Indian princes (1756—1774). Conquest of Bengal.

C. British rule, 1774—1857—

1. Warren Hastings—
   (i) Regulating Act.
   (ii) Internal difficulties.
   (iii) Wars with Indian rulers.

2. Cornwallis—
   (i) The permanent settlement.
   (ii) Wars with Indian rulers.
3. Wellesley—
   (i) The subsidiary alliance system.
   (ii) The French rivalry.
   (iii) Wars and expansions of British territory.
4. Minto.
   Embassies to Asiatic Powers.
5. Hastings—Nepal war, Mahratta war.
6. Bentinck—Reforms.
7. Auckland and Ellenborough—Afghan Wars
8. Hardinge—Punjab War.
9. Dalhousie—Completion of dominions.

D. British rule, 1857-1919—

(*a*) Wars and expansions—
1. Afghanistan.
2. Burma.

(*b*) Internal developments—
1. Constitutional, 1861, 1892, 1909, 1919.
2. Local Self-Government.
3. Education.
4. Justice.
5. Administration.

(*c*) National movements—
1. Hindu reforms.
2. Muslim reforms.
3. Growth of Nationalism, Indian National Congress.

The following books indicating the scope and standard of knowledge required are recommended :—

1. V. A. Smith—Oxford Students' History of India (Clarendon Press, Oxford). Rs. 2.

2. R. D. Banerji—History of India (The Book Co., College Square, Calcutta).

3. Thompson—History of India (Christian Literature Society, Madras).

4. Har Prasad Shastri: History of India (Blackie).

5. Hoernle and Stark: A History of India (Orissa Mission Press, Cuttack).

6. E. B. Havell—A Short History of India (Macmillan & Co.).

7. Students' Atlas of Indian History (Macmillan).

English History.

Syllabus of English History from 1485 *A.D. to* 1914 *A.D. (excluding the war period).*

I.—(1) Geography of the British Isles—

A.—World position—

(*a*) Relation with Europe.

(*b*) Relation with overseas regions.

Influence of its position (insular) on its relation with the world.

B.—Climate, soil, production and occupation.

C.—Surface features.

(2) The British Empire—

A.—Location of British dominions, colonies and dependencies.

B.—Communications between various parts of the empire.

II.—History of England, 1485—1688—

A.—Introductory to 1485—

(*a*) Growth of Parliament.

(*b*) Evolution of commerce and industry.

(*c*) Religion.

(*d*) Social changes.

(*e*) Relations with European countries, especially France.

B.—Tudors, 1485—1603—

(1) Monarchy and Parliament.

(2) Religious evolution.

(3) Growth of Commerce.

(4) Discoveries and beginning of colonial and sea power.

(5) Relations with European Powers.

C.—Early Stuarts, 1603—1649—

(1) Monarchy and Parliament.

(2) Religion—Puritans and Anglicans.

(3) Commercial and Colonial expansion.

(4) Civil War.

D.—The Commonwealth, 1649—1660—

(1) Cromwell—

(*a*) Scotland and Ireland.

(*b*) European powers, navigation laws.

(*c*) Religion—Growth of Puritans.

(*d*) Parliament.

E.—Latter Stuarts, 1660—1688—

(1) Parliament—

(*a*) Parties.

(*b*) Cabinet.

(2) Religion—Dissenters and Roman Catholics.

(3) Relations with European Powers—France and Holland.

(4) Colonial and Commercial expansion.

III.—Constitutional Government, 1688—1919—

A.—William and Mary and Anne, 1688—1714—

(1) Bill of rights.

(2) Parliament—

(*a*) Whigs and Tories.

(*b*) Cabinet.

(3) Affairs of Ireland.

(4) Relations with European Powers and growth of Colonial Powers.

B.—Early Hanoverians, 1714—1763—

(1) Walpole, Pitt.

(2) European Wars.

(3) Colonial Expansion.

C.—Latter Hanoverians, 1763—1830—

(1) Industrial Revolution.

(2) American Revolution.

(3) French Revolution, Wars with France.

(4) Ireland—Union.

D.—Rise of Democracy, (1) 1830—1885—

(1) Reform 1830, 1867, 1885.

(2) Relation with Europe.

Crimean War; England and Russia.

(3) Imperial development.

(2) 1885—1919.

(1) England and Russia.

„ „ Germany.

„ „ Empire.

(2) Ireland.

(3) Internal developments—

(*a*) Parliament.

(*b*) Commerce and Industry.

The following books indicating the scope and standard of knowledge required are recommended :—

1. S. R. Gardiner: A School Atlas of English History (Longmans, Green & Co.).

2. Ed. J. S. Lay: The English People (Macmillan).

3. Oman: Junior History of England (Arnold).

4. S. R. Gardiner: Outline of English History (Longmans, Green & Co.).

5. T. F. Tout: A history of Great Britain, Book II (Longmans, Green & Co.).

6. Kerr and Rushbrook Williams: Growth of the British Empire (Longmans, Green & Co.).

7. Macmillan's Atlas of the British Empire.

8. Guest, G.—Outlines of British History (Oxford University Press, 1922). 2*s*. 6*d*.

or

Geography.

There will be two papers, each of three hours' duration, as follows :—

Paper I—General Geography of the world outside of India (sections I and II of the syllabus).

Paper II—India and its world relations (section III of the syllabus).

Syllabus.

I. (*a*) Shape of the Earth, rotation and revolution; latitude and longitude; simple map projections; duration of day and night; seasons.

(*b*) Outlines of the relief and drainage of the lands and the nature and origin of the chief land-forms, including coastal configuration.

(*c*) The atmosphere. Weather and climate. Seasonal distribution over the globe of insolation, temperature, pressure and rainfall. Winds; Ferrel's law, Buys-Ballot's law, cyclones and anti-cyclones. Climatic regions.

II. (*a*) The world treated according to its major natural regions. The knowledge of the principles of physical geography and of the geographical distributions should be applied to the study *in outline* of the major natural regions of the world.

(*b*) The influence of his environment on man, his activities, his industries; exchange of commodities; communications; growth of towns.

III. Geography of India in fuller detail.

Books recommended :—

The world in outline (Indian Press, Allahabad). Re. 1.

Herbertson: Junior Geography, Oxford University Press. 3*s*. 6*d*.

Herbertson (F. D.): Elementary Geography. Vol: Physiography. 2*s*.

L'Estrange: Junior Course of Comparative Geography (George Philip & Son, 32, Fleet Street, London). 3*s.* 6*d.*

Morrison: Junior Geography of India, Burma and Ceylon, T. Nelson & Sons, London. 12 annas.

Morrison: New Geography of the Indian Empire and Ceylon (Nelson). Re. 1.

Indian School Atlas (Oxford University Press). Re. 1-6.

Philip's Visual Contour Atlas for India.

Johnston's Indian New Era Atlas.

Books for teachers :—

Herbertson: Senior Geography (Oxford University Press). 3*s.* 6*d.*

Mill: International Geography (Macmillan). 12*s.*

Tar and McMurry: World Geography (Macmillan). 5*s.*

Chisholm: Smaller Commercial Geography (Longmans). 3*s.* 6*d.*

Lyde: Man and his Markets (Macmillan). 2*s.*

Herbertson: Man and his Work (Black). 1*s.* 6*d.*

Davis: Physical Geography (Ginn). 5*s.* 6*d.*

Mill: Elementary Realm of Nature (Murray). 5*s.*

Unstead and Taylor: Essentials of World Geography (Philip). 2*s.*

Books recommended for general reading for boys :—

High Roads to Geography (Nelson).

Lands and their Stories (Blackie).

Peeps into Many Lands (Black).

IV.—INDIAN VERNACULAR (HINDI, URDU, BENGALI, etc.).

There will be two papers, each of three hours, in each of these languages—one paper will be set in Prose Text and Unseen, and the other in Poetry Text and Composition. Grammatical questions will be set in both the papers. The ability of the Urdu candidates to read *shikast* will be tested by means of a paper set for the purpose.

The following are the text-books prescribed:—

Hindi.

1. Tulsidas Ajudhyia Kand Ramayan, edited by Ram Ratan and Pandit Chandra Hans Sharma (Ratanashrama, Agra). Price 12 annas.

2. Abhigyan Shakuntala Natak, by Raja Lakshman Sinha (in Prose and Verse). Published by the Ratanashrama, Agra;

or

Hindi Selections in Prose and Poetry. Published by Ram Dayal Agarwala, Allahabad.

3. Sankshipt Hindi Vyakarana, compiled by Pandit Kamta Prasad and published by Nagri Pracharini Sabha, Benares.

Urdu.

1. Guldasata-i-Adab, by P. Manohar Lal Zutshi (Indian Press, Allahabad);

or

Qand-i-Urdu (excluding sharas منتخبات الاساتذہ). Published by Anwar-i-Ahmadi Press, Allahabad.

2. Nisab-i-Jadid, by Maulvi Mahdi Husain Nasiri, published by M. Jalal Uddin, proprietor of Anwar-i-Ahmadi Press, Allahabad.

3. Qawaid Urdu, by Jamaludin Haidar. Published by Ram Dayal Agarwala, Allahabad.

For *Shikast* the book recommended is—

Majmua-i-Khatt-i-Shikast, by M. A. Siddiqui. Published by the Indian Publishing House, Allahabad.

Bengali.

1. Sitar Vanabasa, by Pandit Ishwar Chandra Vidyasagar (Prose).

2. Katha O Kahini by Rabindra Nath Tagore (Poetry).

3. Mahabharatiya Niti Katha in Bengali, Parts I and II, by Rajendra Nath Kanji Lal, 3, Madan Mittra Lane, Calcutta. *Rajendra Chandra Ghosh, 38, Cornwallis Street, Calcutta.* 12 annas each.

4. Bhasha Bodh Vyakaran, by Nakuleshwara Vidyabhushan. Re. 1.

Parbat.

1. Mahabharata (Gadaparva, Striparva, Sauptikaparva) —Prabhakari Company, Benares.

2. Sankshipta Ramayana, published by the Superintendent, Education Department, Nepal.

3. Nepali Grammar, by Pts. Parasmani Pradhan and Sheshmani Pradhan, Kalimpong.

Marathi.

Prose.—*Gadyaratnamala*, by S. G. Bapat.

Poetry.—(1) Moropant's Kekavali, by Professor Sridhar Vishnu Paranjpay. Published in the Nirnay Sagar Press, Bombay; and

(2) Raghunath Pandit's Naladamayantisvayambara'khyana, only 224 verses, as published in the Navanit by the late Mr. Parasharampant Godbole.

Grammar.—R. B. Joshi's *Marathi Grammar*—Praudhabodha.

Recommended for the use of teachers—

Marathi Grammar, by M. K. Damle. (Published by the Induprakash, Bombay.)

Gujrati.

1. *Karanghelo*, by Nand Shankar Tuljashankar.

2. Sudamma Charitra, by Premanand. Edited by Manjulal Ranchhodlal Majumdar of Baroda.

3. Kusuma Male, by N. B. Divatia.

4. *Grammar.*—Madhyama Gujarati Vyakarana, by R. B. K. P. Trivedi.

Uriya.

Prabandhamala, by M. S. Rao, pages 1—115.

Jagannathdas—Bhagabata, XI Skandha.

Telugu.

Prose.—*Nitichendica Sandhi*, by K. Veersalingam.

Poetry.—*Phaskarsata Kamu.* The whole.

Tamil.

Tamil Text-book (for Group C). Published by order of the Director of Public Instruction, Madras, by S. P. C. K. Press, Vepery, Madras.

B.—Optional subjects.

I.—CLASSICAL LANGUAGES.

There will be two papers, each of three hours, in each of these languages —the first paper will be in the prescribed texts and Grammar, and the second paper in Translation, Composition and Unseen.

Syllabus.

(*a*) Sanskrit.

Paper I. (*a*) *Text-books.*—(i) Mitra-labha (Hitopadesh) and (ii) Bhartrihari—Nitishataka.

Notes.—1. The edition of Hitopadesh—Mitra-labha and Bhartrihari —Nitshataka, published by the Indian Press, Limited, Allahabad, is recommended. Any objectionable passages may be omitted by teachers.

2. The students should be taught to understand the passages with context and the substance and to learn the paraphrase, i.e., the synonyms of the words in Sanskrit, analysis of the compounds, Sandhis, and the prose order of the poetry pieces.

(*b*) *Grammar.*—Simple Sandhis. Declension of nouns and pronouns of frequent occurrence, conjugation of verbs of frequent occurrence, but omitting those of adadi (अदादि), rudhadi (रुधादि), juhotyadi (जुहोत्यादि) and kryadi (क्रयादि) classes, in लट्, लोट्, लङ्, विधिलिङ् and लृट् only.

Books recommended in Grammar :—

1. First Book of Sanskrit, by Bhandarkar.
2. R. K. Banerjee's Sanskrit Grammar.
3. Sanskrit Prathama Pustaka (संस्कृत प्रथम पुस्तक), by Professor Ram Bihari Lal, D.A.-V. College, Cawnpore.
4. Upakramanika (उपक्रमणिका), printed by Khadgavilas Press, Bankipore.

5. Vijnana-dipika by Pandit Sadashiv Shastri.

N.B.—Questions on Grammar exclusively should be asked from the prescribed books as far as possible, and should carry about one-third of the total marks.

Paper II.—Translation Composition and Unseen:—

(*a*) Selected passages from books recommended for rapid reading and from others of equal difficulty for translation into the vernacular of the candidate; (*b*) substance of easy passages from the abovementioned books to be expressed in Sanskrit; and (*c*) translation of easy English prose sentences into Sanskrit.

Book recommended for rapid reading:—

Kusuma-mala (part I), by V. S. Apte.

N.B.—Sanskrit must be written in the Devanagari character.

(*b*) Arabic.

Prescribed course—

Paper I. (*a*) *Text.*—Majan-il-Adab, by Luis Shaikhu. Published by Anwar Ahmadi Press, Allahabad.

(*b*) *Grammar.*—Mabadi-ul-Arabia مبادي العربية, Urdu edition, edited by Maulvi Izzat Ullah (the Majidi Press, Cawnpore).

N.B.—Questions on Grammar exclusively should be asked from the prescribed books, as far as possible, and should carry about one-third of the total marks.

Paper II.—Translation, Composition and Unseen:—

(*a*) Selected passages from books recommended for rapid reading and from others of equal difficulty for translation into the vernacular of the candidate; (*b*) substance of easy passages from the abovementioned books to be expressed in Arabic; and (*c*) translation of the easy English prose sentences into Arabic.

Book recommended for rapid reading مدارج القراءة, published by Anwar Ahmadi Press, Allahabad.

NOTE.—Arabic words must be written in the Arabic character.

Book* recommended for the use of teachers :—

Anglo-Arabic Stories, by Maulvi Muhammad Osman Ghani, c/o A. S. Ahmad-ur-Rahman, 41, Kalta Bazar, Dacca. 10 annas.

(c) Persian.

Prescribed course—

Prose.

Paper I. (a) Text :—

1. Gulistan سبب تالیف کتاب, Chapter I up to story 42, and Chapter IV up to story 12.

2. تحفهٔ عالم by Abdul Latif Shustari احوال انگستان pages 291—306.

3. Anwar Sahaili انوار سهیلی by ملا حسین واعظ کاشفی Chapter I up to جان من خود کردهٔ را تدبیر نیست

Poetry.

1. Bostan بوستان Chapter I first 48 stories, Chapter II first 35 stories, Chapter VI Introduction, Chapter VII first 5 stories, Chapter VIII first 4 stories, Chapter IX first 4 stories, Chapter X.

2. Aiynai Sikandari by Khusru خسرو

1. Ode هر آن یار جانی بود up to گر آسایشے خواهی از روزگار

2. Ode اگر دانشے داری اے نیک راے up to چه باید پر آراستن منزلے

3. 24 Rubayat Umar Khyam per selection.

Recommended the selection of the above by Anwarul Matabay, Victoria Street, Lucknow.

(b) *Grammar.*—Qawaid Farsi Amali قواعد فارسی عملی, by M. Ishaq Ali (Indian Press, Allahabad).

N.B.—Questions on Grammar exclusively should be asked from the prescribed books as far as possible, and should carry about one-third of the total marks.

* In connection with the books recommended for the use of teachers in this prospectus it should be noted that there is in addition a number of books approved for the use of teachers generally (*vide* list of books approved for the use of teachers of Anglo-Vernacular and Vernacular Schools, dated the 31st July, 1916, and its supplements issued annually)

Paper II.—Translation, Composition and Unseen : —

(*a*) Selected passages from books recommended for rapid reading and from others of equal difficulty for translation into the vernacular of the candidate ; (*b*) substance of easy passages from the abovementioned books to be expressed in Persian ; and (*c*) translation of the easy English prose sentences into Persian.

Rapid Reading.—Farsi Jadid, by Maulvi Sayed Muhammad Ali Irani, Professor, Nizam's College, Hyderabad (Deccan), or Ayar Danish عیار دانش as published by Anwar Ahmadi Press, Allahabad. 7 annas.

Students who offer Persian are required to have such a knowledge of the Etymology of the Arabic language as will enable them to explain all Arabic words and phrases which may occur in the text-books and in the books recommended for rapid reading in Persian.

NOTE.—*Persian words must be written in the Persian character.*

(*d*) **Latin.**

Paper I.—(*a*) Prescribed Prose and Poetry.

Text-books :—

Cæsar : De Bello Gallico, Book IV.

Livy : Hannibalian War, Selections from Books XXIII and XXIV (Macmillan).

Virgil : Aeneid, Books II and IV.

(*b*) *Grammar.*—Gildersleeve's Latin Grammar or Allen's Latin Grammar is recommended.

N.B.—Questions on Grammar exclusively should be asked from the prescribed books, as far as possible, and should carry about one-third of the total marks.

Paper II.—Translation, Composition and Unseen :—

(*a*) Selected passages from books recommended for rapid reading and from others of equal difficulty for translation into the vernacular of the candidate ; (*b*) substance of easy passages from the abovementioned books to be expressed in Latin ; and (*c*) translation of the easy English prose sentences into Latin.

II.—COMMERCE.

The examination will consist of two papers, each of three hours :—(*a*) one paper on Business or Commercial Practice, and (*b*) one paper on either (i) Type-writing or (ii) Book-keeping.

The following is the syllabus in each subject :—

Business or Commercial practice.—Office routine—Drafting simple business and official letters; preparation of telegrams and cablegrams, including a knowledge of simple codes. Docketing, filing, copying and despatch of letters. Ordinary postal regulations, use of postal forms, such as Money Order, V. P. P. Acknowledgment, Registration and Insurance forms. Post Office Savings Bank Accounts. Telephone. Simple duplicating and other labour-saving appliances.

Meaning of ordinary commercial terms and abbreviations. Preparation of simple commercial documents, such as indents, invoices, bills of exchange, promissory notes, statements of account. Nature and use of Bills of Lading and railway receipts. Simple banking transactions, involving the nature and use of cheques, deposit slips and pass books.

Book recommended :—

Extracts from Business Methods and Correspondence, by Arthur Fieldhouse.

Type-writing.—There will be no practical examination on the type-writer, but only a theory paper of two hours' duration involving questions on—

(*a*) *the mechanical construction of the type-writer;

(*b*) care of the machine;

*Questions on the mechanism of the type-writer will be of a general nature so that students who are acquainted with the mechanism of any of the more popular type-writing machines will be able to answer the questions (vide G. L. no. B-2773/VI—3, dated the 15th September, 1924, from the Secretary of the Board).

(*c*) display of matter, including headings and titles, centering, contractions and abbreviations; hyphenation; punctuation; stencil cutting; adaptation of one or more characters to represent characters not given on the keyboard; corrections; erasures.

There will also be a second paper of one hour's duration, consisting of type-copying of three manuscripts.

Book recommended:—

Expert Typist, by J. A. Rosemond, Methodist Publishing House, Lucknow, or Smith's, Pitman's or Remington's Manual.

Book-keeping.—Elementary theory of double entry book-keeping. Preparation and keeping of the Cash Book, Bought and Sold Books, Returns Books, Bills Receivable and Bills Payable Books, Journal and Ledger; recording therein simple transactions involving purchases and sales, bills receivable and payable, real, personal and nominal accounts, such as rent, salaries, interest discounts, bad debts and depreciation. Drawing up the Trial Balance. Closing the Ledger, and preparing Trading and Profit and Loss accounts and Balance-sheet, Simple banking transactions involving the nature and use of cheques, Deposit slips, and Pass Book, and preparation of Bank Reconciliation Statements. The nature and use of Bills of Exchange and Promissory Notes. Petty Cash and Imprest Systems.

Book recommended:—

Elementary Book-keeping, by Arthur Fieldhouse, published by Simpkin, Marshall & Co., Limited, London, E.C., 4.

III.—SCIENCE (PHYSICS AND CHEMISTRY).

No candidate shall ordinarily be admitted to the examination in this subject who has not taken the optional science course in Classes VII and VIII.

The examination will consist of two papers—one in Physics and one in Chemistry, each of three hours.

Physics.

SYLLABUS.

Definition of Physics, measurements of length, area, volume, mass and weight. The balance. Density, specific gravity. Principle of Archimedes. The three states of matter. Pressure of air, simple barometer.

Heat.—Expansion of solids, liquids and gases, temperature, thermometers, melting and boiling points, conduction, convection and radiation. Unit of heat, specific heat, change of state, latent heat. Easy calculations.

Light.—Rectilineal propagation of light. Reflection, refraction, plane concave, convex mirrors, concave and convex lenses and prisms. Position of object and image with easy calculations. Dispersion.

Magnetism.—Attraction and repulsion, magnetization, terrestrial magnetism, magnetic meridian. The compass.

Electricity.—Electrification by friction. Properties of a charged body. Conductors and insulators. The electroscope Induction. The electrophorus. A simple cell, simple forms of primary cells, arrangement of cells in series and parallel, magnetic and heating effect of a current. The simple galvanoscope, simple explanation of the telegraph, the electric bell, electric light.

Practical work.

The following list of experiments indicates the minimum amount of practical work required to be performed by students. Other experiments of equal educational value may be substituted. The experiments should be performed individually as far as can be arranged. The teaching of theory should be fully illustrated by experiments and demonstrations are to be considered an essential part of the teacher's work.

NOTE.—A chart giving a list of the experiments to be performed and the date on which each student completes each experiment should be maintained and hung in the laboratory of each school recognised in Science (vide G. L. no. B.3142—3300/V—86, dated December 21, 1925 from the Secretary of the Board).

General.—Determination of the relative density of—

(*a*) bodies which float in water,

(*b*) bodies which sink in water,

(*c*) liquids.

Determination of the radius of a wire by Archemedes' Principle.

Determination of the Internal radius of a narrow tube.

Light.—Reflection at a plane mirror.

Focal length of a concave mirror.

Refraction through a prism.

Refractive index of glass and water.

Focal length of a convex lens.

Heat.—Cooling curve of water, and wax or napthalene.

Determination of the water equivalent of a calorimeter.

Determination of Specific Heat.

Determination of the Latent Heat of Ice.

Determination of the Latent Heat of Steam.

Magnetism.—Mapping out lines of force by a small magnet.

Determination of the direction of the Magnetic Meridium.

Electricity.—Charging an electroscope by Conduction and Induction.

The magnetic effect of a current on a magnetic needle.

The electro-magnet.

The following books on Physics are recommended for teachers' reference library:—

Every Day Physics, by H. E. Hadley (Macmillan and Co.) Rs. 4.

A class book of Physics, by R. A. Gregory and H. E. Hadley (Macmillan and Co.) Rs. 3-12.

A Course of Physics, by Charles H. Draper (Blackie and Sons). Rs. 3-12.

Chemistry.

Definition of Chemistry.

Common properties of matter: Hardness, porosity, brittleness, solid, liquid and gaseous states. Change of state. Melting and boiling points.

Crystalline shape, effect of heat on common things.

Solution in water. The above to be studied with NaCl, KNo_3, $CaCo_3$, Na_2Co_3, $CuSo_45H_2O$, $FeSo_47H_2O$, $ZuSo_47H_2O$, Fe, Zn, Sn, Mg, Pb, Hg, P, S, Shellac and linseed oil.

Solution, melting, evaporation, distillation, filtration, solution in water and alcohol. Slow and rapid evaporation, saturated solutions. Crystallization studied from solutions in water and of melted sulphur. Distillation of water, mixtures, immiscible liquids. Elementary and compound substances. Non-metals and metals. Chemical symbols. Chemical action, the laws of definite proportion, atoms, molecules, atomic and molecular weights, valency, relation between equivalent and atomic weights. Simple formulae and equations.

Study of air—Rusting of metals, oxidation, active and inactive gases in air. Burning of phosphorus. Meaning of combustion, slow and rapid combustion studied with iron, magnesium and phosphorus.

Oxygen gas, prepared from oxide of mercury and potassium chlorate. Important properties of oxygen gas.

Acidic and basic oxides, acids, bases and salts.

Preparation and properties of the following:—

Hydrogen, Nitrogen, Ammonia, Chlorine, Hydrochloric acid, Nitric acid, Carbon dioxide.

Carbon—Properties and varieties.

Action of carbon dioxide on animal and plant life

Sulphur—Properties and varieties.

Preparation and properties of sulphur dioxide and sulphuric acid, their preparation treated in a very elementary manner—sulphur dioxide by burning sulpur in air and by the action of hydrochloric acid on calcium sulphite and

sulphuric acid by the action of nitric acid on sulphur dioxide and water.

Study of water – Action of steam on red-hot iron filings. Action of sodium on water. Action of magnesium on steam. Electrolysis of water.

NOTES —1. The detailed course given below indicates the minimum amount of practical work required to be performed by students and suggests a method of treatment of the syllabus for the guidance of teachers. They may substitute other experiments of equal educational value. Practical work should be co-ordinated with the theoretical and follow it consecutively as far as possible. The practical experiments should be performed individually so far as can be arranged.

2. A chart giving a list of the experiments to be performed and the date on which each student completes each experiment should be maintained and hung in the laboratory of each school recognised in Science (*vide* G. L. no. B.3149-3300/V—36, dated December 21, 1925, from the Secretary of the Board).

The use of stencils in answering question papers in science is not allowed.

(Classes IX and X.)

Classes IX and X will have six periods of Science per week—for at least 27 working weeks; this gives a total of 162 periods in Class IX.

Subject.	Detailed syllabus.	Minimum list of experiments which should be done by the pupils individually.
Chemistry	Effects of dissolved substances on boiling point.	To find B. P. of solutions of calcium chloride. Solution of different strengths.
	Distillation Purification of water.	To bend tubes, bore corks, set up apparatus for distillation and find B. P. before and after distillation.
	Elements and compounds.	To examine the elements—sulphur, copper, lead, mercury, zinc. To examine the compounds, ferrous sulphate, copper sulphate, lead oxide, mercury oxide and regain the elements

Subject.	Detailed syllabus.	Minimum list of experiments which should be done by the pupils individually.
	Metals and non-metals, properties :—	
	The atmosphere. Combustion, active and inactive air.	Burning a candle in a bell jar Repeat with sulphur, phosphorus. To measure the proportion of air used up when a substance burns in air.
	Rusting	To show iron will not rust in dry air. To measure the air used up when iron rusts in air.
	Increase in mass in rusting and burning.	To show increase in mass when magnesium and iron burn in air and when iron rusts in air —when a candle burns in air.
	Explanation of above. Introduction of terms "Oxygen" and "Nitrogen" :—	
	Oxygen	Preparation from mercuric oxide and potassium chlorate in small quantities and on large scale from manganese dioxide and potassium chlorate, its properties. To show loss in mass when potassium chlorate heated.
	Metals and non-metals. *Oxide.*	Their basic and acidic properties.
	Nitrogen. Its use in the atmosphere.	Properties, to find accurately percentage of nitrogen in air by pyrogallic acid. (Lecture room.)
	Water not an element	Action of sodium on water. Action of magnesium on boiling water. Action of steam on iron Examination of oxide of iron formed. Increase in mass. Comparison with iron rust.
	Résumé of above. Introduction of term "Hydrogen."	

Subject.	Detailed syllabus.	Minimum list of experiments which should be done by the pupils individually.
	Preparation of Hydrogen and its properties.	From zinc and sulphuric acid. What happens to the zinc? What happens when hydrogen burns in air? Explosion of hydrogen with air. Electrolysis of water and its composition by volume. Action of hydrogen on copper oxide when heated. (Lecture room.)
	Carbon	Properties and varieties.
	Demonstration lesson. Carbonic acid gas. Chalk.	Formation when carbon or carbonaceous matter burns in air. Effects of acids on chalk. Examination of the gas, properties of gas obtained by the effect of strongly heating chalk. Examination of lime, difference between properties of chalk and lime, loss in mass on heating chalk.
	Résumé of above. Animal and plant life.	Formation of oxygen by plants.
	Chlorine gas ..	Preparation from manganese dioxide and hydrochloric acid. Its properties.
	Hydrochloric acid gas ..	Preparation from sodium chloride and sulphuric acid. Its properties.
	Ammonia gas ..	Preparation from ammonium chloride and quicklime. Its properties.

NOTE.—In class X time is left for revising the whole course in preparation for the High School Examination.

The books *recommended* for use in Chemistry are:—

Chemistry for Indian Schools for Standards IX and X, by E. G. Hill, Professor of Chemistry, Muir Central College, Allahabad. *Indian Press, Allahabad.* Re 1.

Physics and Chemistry for Secondary Schools in India, Parts III and IV in one volume. *Macmillan and Co.*, 1918. Re. 1-8.

An Elementary Chemistry for Indian Schools, Parts I and II, by K. C. Bhattacharya, M.Sc., L.T. (*Indian Press, Limited, Allahabad*). Price Rs. 2.

*Books *recommended* for the use of teachers in Chemistry:—

Practical Chemistry, volumes 1 and 2, for Standard VII of High Schools in the Bombay Presidency, by H. E. H. Pratt. 6 annas. — *Oxford University Press, Bombay.*

Holymyard's Inorganic Chemistry, published by Arnold.

IV.—AGRICULTURE.

The examination will consist of two papers of three hours each.

The first paper will be on the subject-matter in the syllabus up to and including sub-section 5.—Tillage; and the second paper on the remaining portion.

Syllabus.

(1) *Climatology.*—Weather and seasons in the country and the provinces.

(2) *Soils.*—Soil-forming processes; Weathering, Solution. Plant and Animal agencies.

Classification of soils.—Local classification—Clayey, Loam, Sandy, Concretionary, Saline, Silt, Goind, Ahar, Uparhar.

Mechanical analysis of soils.—Determination of Stones, Gravels, Moisture, Humus, Sand and Clay.

Texture of soils.—Arrangement of particles of soil; Specific gravity; Pore space; Surfaces exposed; Number of particles in a unit volume; Plasticity. Cohesion, Forces of facilitating granulation.

*In connection with the books recommended for the use of teachers in this Prospectus it should be noted that there is in addition a number of books approved for the use of teachers generally (vide list of books approved for the use of teachers of Anglo-Vernacular and Vernacular Schools, dated the 31st July, 1916, and its supplements issued annually).

Organic matter in the soils.—Its sources and distribution. Decrease of organic matter. Estimation of organic matter. Its effect on soil. Its maintenance.

Soil water.—Its form, its movements. Factors affecting hygroscopic, capillary and gravitational water.

Control of soil moisture.—Run-off losses; Percolation Evaporation, Methods of checking the same; Mulching, Ploughing, Rolling, Shelter, Plants.

Soil heat.—Relation of heat to germination and growth. Sources of soil heat. Factors affecting soil temperature.

Absorptive power of soils.—Effect of colour. Effect of texture and structure on heat. Radiation, Convection and Conduction. Absorptive power of soils in relation to gases and solutions. Nature and properties of *sub-soils* in relation to soils.

(3) *Irrigation and Drainage—*

Water requirements of plants.—Factors affecting transpiration. Wilting point. Optimum moisture for plant growth. Conserving of moisture.

Sources of water for irrigation.—Rain, its annual and seasonal variations; Ice, Frost, Snow, Dew, Hail, Wells (spring and percolation), Rivers, Canals and Tanks.

Types of water lifts.—Persian Wheel, Chain Pump, Hand Plunger Pump, Charsa, Baldeo Balti.

Distribution of water.—Flow systems; Pacca and Katcha channels; Planning and laying-out of irrigation drains.

Drainage.—Earth bunds, Conditions making drainage necessary, Types of soils requiring drainage, Situation requiring drainage. Possible relation between irrigation and drainage.

(4) *Manures and manuring.*—Farm-yard manure, Fermentation, Application; Feeding for manuring; Special manures, i.e., Bones, Potash Nitrate, Oil-cakes, their manurial properties and application; Green manuring, important plants that can be used, their method of application.

(5) *Tillage.*—Objects of tillage and description of principal implements of tillage :—

(*a*) Ploughs. | (*c*) Cultivators.
(*b*) Harrows. | (*d*) Harvesting Machines.

(6) *Plant.*—Utilization of plants and plant parts of the crops of the provinces.

General description of a plant and its parts and the functions of each.

Plant nutrition, Growth, Substances necessary for plant growth, Sources of those substances, Storage and movements of food materials.

Reactions of the plant to moisture, light and gravity.

General idea of flowers and their parts, Pollination, Different methods of pollination.

Fruits and seeds.—Their general structure and their functions, Length of life of seeds, Conditions necessary for their germination, Selection of seeds and their storage.

(7) *Farm Crops.*—Preliminary cultivation, sowing, weeding, manurial requirements, harvesting, storage and marketing of the following crops :—

Wheat, barley, gram, peas, rice, maize, jawar, pulses, cotton, flax, sannai, ambadi, potatoes, sugarcane, tobacco, vegetables.

(8) *Farm Animals.*—Buffaloes, cows and oxen; their care and maintenance. Determination of age of animals, goats, sheep and poultry.

(9) Patwari papers, their use and maintenance.

Candidates are required to maintain note-books of all work done, both theoretical and practical. These note-books should be inspected periodically and initialled by the teachers. These note-books may be called for at the time of the examination.

Candidates will undergo the following course of practical work in connection with the above syllabus :—

1. Each student is required to keep records of the following facts noted in the school observatory :—

(*a*) Rainfall.

(*b*) Maximum and minimum temperature of air in shade.

(*c*) Wind directions and velocities.

(*d*) Amount of clouds and their directions.

(*e*) The time of occurrence of frost, fog, hail, dust storm.

(*f*) Afternoon temperature of black soil, light coloured soil, ploughed soil, rolled soil and mulched soil.

2. Separation of stones, gravel, and fine soil by sieve.
Separation of sand and clay by sedimentation.
Determination by ignition of moisture and humus in soil.
Specific gravity of soils and pore space.
Weight of different soils in unit volume.
Organic matters in soil and sub-soil, its power of absorbing moisture.
Weight of water absorbed by soils from a saturated atmosphere.
Amount of percolation of water in a unit of time through sand, clay and loam.
Classification of soils as Domat, Matyar, Balwar by sight.

3. Amount of water taken out in one hour by the different water lifts in use.
Amount of water discharged on fields by katcha, pacca and puddled channels.

4. Results of applications of green manuring, farm-yard manure, oil-cakes, ground bones, bone ash, potash nitrate applied to school garden plots.

5. Handling of farm implements, their use and special designs.

6. Drawings of different parts of plants grown on the farm.

7. Records of notes of cultivation of at least one kharif crop, one rabi crop, one garden crop from the time of preparation of seed bed to marketing actually attended to by the candidate.
8. Practical determination of age of farm animals.
   Drawing up of descriptions of local breeds of farm animals.
   Recognition of different feeding stuffs.
   Lay-out of stables from sanitary point of view.

Books recommended :—

1. Meston Readers, parts 1 to 3, by K. S. M. Quyun.
2. Krishi Shashtra or Ilm Zarayat, by Mr. Tej Shanker Kochak.
3. Notes on Poultry-keeping in India, by Mr. A. K. Fawkes.
4. Tisdale's Books on Dairying.
5. Monthly Journals, Leaflets and Bulletins issued by the United Provinces Agricultural department.
6. Lessons in Indian Agriculture, by D. Clouston, Macmillan & Co., Ltd.

V.—DRAWING.

The examination will consist of two papers of three hours each : the first paper on Free Arm Drawing and the second paper on Geometrical Drawing.

SYLLABUS.

Free Arm. This should be in Pastel, and should comprise common objects from nature.

The Round.—Such as Orange, Mango, Apple, Tomato, Lichi, Melon, Peach ; Hockey and other Balls, Nutmeg, Walnut, etc.

The Cylindrical.—Such as Flower Pot, Household Utensils, Degchies, Cups, Saucers, Surhai, Bowl, Tumblers, Lotas, Bottles of kinds, Ink-pots, Gloy Bottle, Paper weight, Candlestick, etc.

The Rectilinear.—Open Book, Cigar and Cigarette Boxes, Match Box, Attaché Case, Cash Box, Flags, Scissors, Knives, Hatchets, etc.

Miscellaneous.—Hockey Stick, Cricket Bat, Tennis Racket, Mallet, Hammer, Screw Driver, Chisel, Padlock, Key, etc.

Nature Study.—Sample Flowers and Leaves of all sorts, Butterflies, Beetles, etc.

The above outline which is but suggestive should be in Pastel on Tinted Paper and will involve instruction in the art of Blending Colours, Colour Harmonies, Colour Schemes, and Shadows.

Text-books recommended:—

Isaac Pitman series of free-arm pastel studies for junior, intermediate and senior classes (known as Pastel work for the standards, Vol. I for Junior, Vol. II for Intermediate, and Vol. III for Senior, author A. G. Tompkins, publishers Messrs. Isaac Pitman and Sons, London, Bath and New York. Price Rs. 3 each Vol.).

Materials.—Pastels, Paper, etc. (Reeves).

Geometrical Drawing:—

(1) The theory and use of instruments, especially of the protractor and Marquoise scale.
(2) Plain block-letter writing.
(3) The whole of practical plane geometry.
(4) Drawing to scale, viz, scale of chords; diagonal scale; plain scale; comparative scales (to be done in ink).

Text-books recommended :—

Geometry Plane and solid (Morris), Longmans, Green and Co., Bombay and London.

New School of Art Geometry (Gill), George Gill and Co., Minerva House, Warwick Lane, E. C., London.

Roorkee Drawing Manual (Veale), Roorkee Thomason College Book Dépôt, Roorkee.

Materials.—School Geometry set (Reeves).

VI.—MANUAL TRAINING.

The examination will consist of one paper of three hours in Drawing and a practical examination of four hours in Wood-work.

SYLLABUS.

(1) *Wood work*—

(*a*) A series of models, graduated in respect of the tool manipulations involved, to be made in wood from working drawings (drawn in plan, elevation, side-view, and conventional isometric projection) or from a given pattern in wood; the construction of the models to involve the use of one or more of the following tools:—Jack Plane, Try Square, Marking Gauge, Marking Knife, Smoothing Plane, Tenon Saw, Bevel, Screw Driver, Firmer Chisel, Hammer, Mallet, Bradawl, Nail Punch, Compass, Firmer Gouge, Gimlet, Frame Saw, Spoke Shave, Brace and Bit, File.

The following joints at least should be included amongst the models :—

Half-lap, Housing, Mortise and Tenon, Half-lap Dovetail, Box, Dovetail, Edge-Dovetail, Bridle.

(*b*) The care and maintenance in good working condition of the abovementioned tools, excluding the setting and sharpening of the saw.

(2) *Drawing*—

Drawing in plan, elevation and side-view of all models in the course and in conventional isometric projection of those of a rectangular shape.

NOTES.—1 A scheme drawn up on the above lines is given below. Teachers need not keep strictly to the particular model mentioned in this scheme, but if any changes in the models are made, these should not involve changes in the new tool manipulations employed. The course should, if possible, be commenced in class VII.

2. Attention is invited to suggestions for teaching of Manual Training contained in Director of Public Instruction's circular no. 2 of 1917-18.

*Books recommended for the *use of teachers* :—

The Teacher's Handbook of Seojd, by O. Salloman. *George Phillip & Sons.* 6*s.*

Manual Instruction, Wood-work, by J. C. Pearson. *George Phillip & Sons.* 6*s.*

McDougall's Light Wood-work, by David Thomas. *McDougall's Educational Company, London.* 1*s.*

The Scholar's Wood-work Class-book, by T. W. Berry. *Cassell & Co., London.* 1*s.*

Practical Drawing, by T. S. Usherwood. *Macmillan & Co.* 2*s.*

Educational Handwork—Junior course, by J. L. Martin and C. V. Manley. *Blackie & Son.* 1*s.* 6*d.*

Educational Handwork—Intermediate course, by J. L. Martin and C. V. Manley. *Blackie & Son.* 1*s.* 6*d.*

Educational Handwork or Manual Training, by A. H. Jenkins. *University Tutorial Press, Burlington House, Cambridge.*

The "Self-help" course of Wood-work Exercise, by E. J. Andrews. *Charles and Dible,* 10, *Paternoster Square, London.* 2*s.* net.

---

*In connection with the books recommended for the use of teachers in this Prospectus, it should be noted that there are in addition a number of books approved for the use of teachers generally (vide list of books approved for the use of teachers of Anglo-Vernacular and Vernacular Schools, dated the 31st July, 1916, and its supplements issued annually).

Table showing the tool manipulations involved in making the models of the course.

(• Indicates a new tool manipulation. + Indicates revision of a tool manipulation previously learnt.)

Serial number of tool manipulation.	Name of tool manipulation.	1 Preliminary (planing).	2 Preliminary (gouging).	3 Rectangular prism.	4 Square prism.	5 Prism with longitudinal cuts.	6 Prism with oblique cuts.	7 Wooden pattern (a).	8 Wooden pattern (b).	9 Wooden pattern (c).	10 Rhombus with chamfered edge.	11 Prism with inlaid pieces.	12 Match-box holder.	13 Name board.	14 Stool.	15 Round ruler.	16 Inlaid lines.	17 Tenon saw joint.	18 Simple bracket.	19 Housing joint.	20 Letter rack.	21 Newspaper rack.	22 Mortising.	23 Book-stand.	24 Haunched tenoning.	25 Rack peg.	26 Rack.	27 Half-lap dovetailing	28 Towel rail.	29 Edge-dovetailing.	30 Hat-rack.	31 Box-dovetailing.	32 Box.	33 Paper-file.	34 Picture frame.	35 Bridle jointing	36 Book-rack.	37 Mortise mitring.	38 Picture frame	39 Butt jointing.	40 Set squares 45 and 60.	Number of times each tool manipulation occurs in the course.
	Serial number of exercise →	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
1	Face planing	•			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	39
2	Edge	•			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	39
3	Gauging		•		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	39
4	Marking with knife			•	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	38
5	Sawing with tenon saw at right angles to the grain			•	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	37
6	End planing			•	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	38
7	Sawing with tenon saw with the grain ..							•																																		9
8	Use of bevel							•			+																																19
9	Use of screw-driver							•			+																																20
10	Sawing through a face obliquely to the grain ..								•		+																																21
11	Horizontal chiselling across the grain ..								•		+																																10
12	„ „ obliquely to the grain ..								•		+																																6
13	Sawing through an edge obliquely to the grain									•	+																																14
14	Vertical chiselling parallel to the grain ..									•	+																																10
15	Chamfering with plane with the grain ..									•	+																																6
16	„ chisel across the grain ..									•	+																																3
17	Vertical chiselling obliquely to the grain									•	+																																9
18	Inlaying									•	+																																3
19	Vertical chiselling at right angles to the grain..									•	+																																22
20	Horizontal chiselling with the grain ..									•	+																																13
21	Boring with bradawl										•																																9
22	Nailing										•																																4
23	Use of compass										•																																9
24	Modelling with jack plane										•																																8
25	Filing										•																																5
26	Gouging										•																																1
27	Stop chamfering										•																																1
28	Halving										•																																2
29	Screwing										•																																4
30	Boring with gimlet										•																																9
31	Housing										•																																2
32	Frame sawing										•																																2
33	Spoke shaving										•																																3
34	Mortising										•																																3
35	Use of brace and bit										•																																2
36	Haunched tenoning										•																																2
37	Fixing hinges										•																																1
38	Glueing										•																																1
39	Half-lap dovetailing										•																																2
40	Edge-dovetailing										•																																2
41	Box-dovetailing										•																																2
42	Vertical gouging across the grain ..										•																																2
43	Concave and convex chiselling ..										•																																2
44	Bridle jointing										•																																1
45	Mortise mitring										•																																2
46	Rebating with chisel										•																																2
47	Butt jointing										•																																2
	Number of tool manipulation in each exercise →	2	1	6	6	7	9	7	10	11	10	18	11	14	13	9	14	13	14	9	18	21	11	16	11	19	20	19	16	17	11	19	11	18	16	18	16	11	11			

VII.—A MODERN EUROPEAN LANGUAGE.

French.

There will be two papers of three hours each. The first paper will consist of passages for translation from the prescribed Text-books, questions on the prescribed Text-books, and questions on Grammar. The second paper will consist of Unseen passages and idiomatic phrases for translation from French into English and vice versa.

Books prescribed—

Ed About :—Le Roi des Montagners.
Macmillan's Edition (Siepmann's Series).

Du Camp:—La Dette de Jeu (Cambridge University Press).

Daudet.—Lettres de mon Moulin [Edited by Bradley and Rieu (Oxford Clarendon Press)].

Grammar recommended :—

French Grammar (Sonnenschein's Parallel Grammar Series).

NOTE.—The viva voce examination has been dropped for the present.

VIII.—DOMESTIC SCIENCE.

The examination will consist of two papers of three hours each. The first paper will contain questions on Physiology, Hygiene, Household Management and Home-Nursing. The second paper will consist of the practical examination in Sewing to be held at the same time as the examination in written work. There will also be an oral test in First Aid and Home-Nursing, and a practical test in Cooking.

SYLLABUS.

As a basis for the teaching of Hygiene and Home-Nursing there should be a preliminary simple treatment of the following topics of Elementary Physiology :—

The human skeleton, the organs of digestion, the circulation of the blood, the nervous system, respiration.

1.—*Hygiene.*

NOTE.—Great importance should be attached to practical work wherever the subject admits of this.

Air.—Composition of air, ventilation, importance of pure air, impurities of air, diseases caused by impure air.

Water.—Composition of water; quantity of water required; source of water-supply, springs, deep wells, surface wells, rivers, tanks; how water is polluted; how to prevent pollution of water; how to purify water; boiling and filtering.

Food.—Composition of food; composition of good diet and its importance; preservation of food; cooking of food; drinks and condiments.

Personal Hygiene.—Cleanliness of body (hair, nails, teeth, etc.); clothing; exercise; importance of temperance; the use of *pan*, opium and other drugs; spitting.

Precautions against Diseases.—Infectious diseases (small-pox, measles, diphtheria, etc.); tuberculosis; enteric fever; dysentery and diarrhœa; cholera; plague; malaria; itch; leprosy; ophthalmia (sore eyes).

2.—*First Aid.*

Roller bandage, figure of eight as applied to knee, elbow, finger, ear; bandage for eye, nose, chin; many-tailed bandage for chest. Bleeding of different kinds; how to stop bleeding; drowning; burns; scalds; bruises; sprains; broken bones; dislocation; carrying injured people; fainting; sunstroke; hysteria; epilepsy; suffocation; foreign bodies in eye, ear, nose and throat; bites of mad dogs; signs of madness in dogs; snake bites, stings.

3.—*Home-Nursing.*

NOTE.—None of the work is to be purely theoretical. Practice must be given in every point which allows of practical work.

Room.—Bed; bedding; furniture; light; warmth; ventilation.

Nurse.—Health; dress; duties and qualifications of a nurse.

External Remedies.—Poultices; plasters; fomentations; ice baths—hot and cold; temperature of baths.

Food.—Kind of food and preparation; way of giving.

The Sick Room.—Administration of medicine; pulse and temperature charts; bathing, changing of garments and bedding.

Infectious Illness.—Precautions during illness; disinfection of room, clothing and bedding after illness; use of disinfectants.

Convalescence.—Occupations; visitors; rest, sleep and food.

4.—*Care and Training of Children.*

Food, sleep, exercise, play, clothing, cleanliness surroundings.

5.—*Household Management.*

A.—Choice of House. Furniture and Decoration. Distribution of rooms. Cleansing and care of house and furniture. Disposal of refuse and sewage. Precautions against flies and mosquitoes.

B.—Care of the kitchen.

Preparation of simple food.

Two of the following groups:—

(*i*) preparation of *roti*, rice, *dal* and *tarkari*;

(*ii*) preparation and care of milk;

(*iii*) preparation and care of meat (one dish only required).

C.—Duties of mistress of household.

Proper distribution of daily activities. Accounts and budgetting of expenditure.

6.—*Clothing.*

(i) Choice and care of the clothing.

(ii) Methods of washing cotton, woollen and silk materials.

NOTE.—Practical work should be done, if possible.

(iii) Sewing and Cutting out.—Each candidate should select three of the following groups :—

A good standard of skill will be required in the various stitches required in making up garments and in mending worn articles of clothing.—

(*a*) To cut and make up coat (*achkan*) or *pyjama* or shirt (*kurta*) or waistcoat for a man.

(*b*) To cut out and make up *kurti* or blouse or skirt or petticoat or *pyjama* for a woman.

(*c*) To cut out and make up frock, or bonnet, or *pyjama* or *bandi* for a child.

(*d*) Drawn thread or crewel work or English embroidery or *chikan* work or *sulme sitare*.

(*e*) Spinning.

(*f*) Weaving.

NOTE.—As an indication of the scope and standard of instruction in Hygiene and Home-Nursing, teachers are referred to sections II, III and IV of Personal and Domestic Hygiene for the School and Home, by MRS. Harold Hendley (Rai Sahib M. Gulab Singh & Sons, Calcutta), also to Indian Manual of First Aid and Indian Home Nursing, published by the Indian Council of the St. John's Ambulance Association (Thacker, Spink & Co., Calcutta).

Books for teacher's reference :—

Tropical Hygiene, Lukis and Blackham (Thacker, Spink & Co.).

Outline of Domestic Science (for Indian Readers), by Lilian Sawtell (Longmans, Green & Co.).

Training of Children under five years.

IX.—Metal work.

(No course has been prescribed for the High School Examination of 1928.)

X.—History or Geography.

(The same as in the compulsory course.)

INTERMEDIATE EXAMINATION OF 1928.

The following grouping of subjects is approved for the guidance of students and teachers. The subjects have been so grouped that, while providing a sound general education suitable as an introduction to University studies, they should also fit the students to enter upon higher specialized courses in technical and professional institutions :—

General Arts.—Mathematics, Economics, *Civics, Geography, Drawing, a Modern Indian or European Language, Logic, a Classical Language, Modern History, Ancient History. (*Any three should be taken* **Students taking Civics are advised also to take History.*

General Science.—Mathematics, Drawing, Chemistry, Physics, Biology, Geography, Economics. (*Any three should be taken*)

For Medicine.—Chemistry, Physics and Biology.

For Engineering.—Mathematics, Physics and Chemistry.

For Teaching.—(1) History, Civics and Geography.

(2) History, Geography and Mathematics.

(3) History, Geography and (Physiology, Hygiene, and Child-Study) (*women students*).

(4) Geography, Mathematics and (Physiology, Hygiene and Child-Study) (*women students*).

(5) Geography (or Mathematics), Biology and (Physiology, Hygiene and Child-Study) (*women students*).

(6) History, Geography and Economics.

(7) Mathematics, Geography and Economics (or Drawing),

(8) Mathematics, Physics and Chemistry.

(9) Mathematics, Physics and Biology.

(10) Chemistry, Physics and Biology.

(11) Biology, Physics (or Chemistry) and Drawing.

(12) (Physiology, Hygiene and Child-Study), a Classical Language and History or Geography or Mathematics (*women students*)

(13) (Physiology, Hygiene and Child-Study), Drawing and Biology or Geography or a Classical Language (*women students*).

ENGLISH.

There will be *one* paper of three hours on the prescribed Prose course and a *second* paper of three hours will be set on the Poetry course; and in each paper one question will be set on "Unseen" passages.

In place of the Unseen Prose passages candidates who offer English as their mother-tongue will be required to answer questions on supplementary prescribed texts.

A third paper of three hours will include (*a*) translation from a vernacular into English, and (*b*) a narrative or descriptive piece of composition in English. In the case of candidates who offer English as their mother-tongue, the third paper will consist of an Essay, together with questions on English composition and on the history of English literature from 1500, as in Hudson's outline History of English Literature (Bell & Co.).

NOTES.—1. In the case of books prescribed for detailed study, candidates will be expected to show a close familiarity with the text, including meaning of words, construction of sentences, historical and other allusions, as well as knowledge and understanding of the subject-matter. They should be able to indicate contexts, and to paraphrase and explain any difficult passages in simple and correct English.

2. In the case of books prescribed for general study, detailed knowledge of the text will not be required, but candidates will be expected to show that they have read the course with intelligence and with some appreciation. A specimen Question Paper on the books prescribed for general study is appended

Books prescribed:—

Prose:—(*a*) For detailed study—

Modern English, by Brown and Walker, Macmillan & Co., omitting I, XI, XIII, XIV, XIX, XXIII, XXVI, XXVII and XXIX.

The Trial and Death of Socrates by Church, the following portions of which are prescribed:—

The Apology, Crito and last part of Phaedo (Chapter LXIII to end).

(*b*) For general study—

Scott's "Kenilworth" (abridged), published by the Oxford University Press. Price Re. 1.

Tagore—Hungry Stones and Other Stories (the whole volume).

Poetry:—(*a*) For detailed study—

Arnold—Sohrab and Rustam.

Tennyson—Ulysses.

Coleridge—Ancient Mariner.

(*b*) For general study—

Shakespeare—Julius Cæsar.

Tennyson—Crossing the Bar.

"Ring out Wild Bells."

Kipling—"If."

Oliver Wendell Holmes.—The Nautilus.

A. H. Clough—Say not the Struggle nought availeth.

Byron—"The Defeat of Sennacherib."

There be none of Beauty's Daughters.

Shelley—To Night.

Newman—Lead, Kindly Light.

Whittier—The Eternal Goodness, stanzas 10, 11, 16, 17, 18, 19, 20.

Tagore—Three poems from Gitanjali, viz.,

35.—"Where the mind is without fear and the head is held high."

45.—"Have you not heard his silent steps?"

69.—"You came down from your throne and stood at my cottage door."

Supplementary prescribed texts for candidates whose mother-tongue is English :—

Prose and Poetry :—A Round of Tales, selected by Henry and Trebel (Oxford University Press).

Dunn's Selections from Tennyson (Oxford University Press).

NOTES.—(*a*) Half the total of marks will be allotted to the portions for detailed study, 30 per cent. to the portions for general study, and 20 per cent. to Unseen passages and Grammar.

(*b*) Grammatical questions will be asked, including Parsing, Analysis, the Sequence of Tenses and Conversion of the direct and indirect forms of speech.

(*c*) The attention of candidates is drawn to the fact that examiners have been instructed to deduct marks for inaccuracy in English.

APPENDIX.

SPECIMEN PAPER.

ENGLISH TEXT.

Portions for general study.

N.B.—It is presumed that there will be at most three questions on this portion in the prose paper and three in the poetry paper. The following are intended only as specimens of the kind of questions which should be expected

Examiners should give a wide choice of questions, which should be of a general nature.

TYPES OF QUESTIONS.

I. *Poetry.*

A.—*Shakespeare*—Merchant of Venice.

1.—*Estimate of a character.*

E.g.—Different views have been taken of the character of Bassanio. He has been called "a downright fortune hunter." If you agree with this description, give your reasons, referring to incidents in the play in support of each point you mention. If you do not agree, state, with reasons, your own view.

2.—*Intelligent description of a scene or incident.*

E.g.—(*a*) Give a summary of the arguments used in the trial scene.

(*b*) What characters appear in the scene in which Bassanio makes his choice ?

3.—*Familiarity with the plot.*

E.g.—In what way are the casket story and the story of Shylock's bond brought into connection ?

B.—*Other poems.*

1.—*Relation of the story of a narrative poem.*

E.g.—*Either*—

(*a*) Relate in your own words the story of the destruction of Sennacherib,

or

(*b*) Bring out the meaning of Tagore's poem—

"You came down from your throne and stood at my cottage door."

2.—*Assignment of striking passages to the poems in which they occur.*

E.g.—To what poems do the following lines belong ? By whom were they written ? :—

(*a*) "Wrap thy form in a mantle grey.
Star-inwrought !

Blind with thine hair the eyes of Day,
Kiss her until she be wearied out,
Then wander o'er city, and sea, and land,
Touching all with thine opiate wand,
Come, long-sought ! "

(*b*) " Oh ! why wilt thou affright a feeble soul ?
A poor, weak, palsy-stricken, churchyard thing,
Whose passing bell may ere the midnight toll,
Whose prayers for thee, each morn and evening,
Were never miss'd ? "

3.—*Appreciation of beauties in language and rhythm.*

E.g.—(*a*) Quote or refer to passages from the poems for general study (excluding Shakespeare) to illustrate—

(*a*) Sound echoing sense.

(*b*) Vivid description.

(*c*) Musical language.

(*b*) Write out the following passage of poetry so as to indicate clearly where each line in the original begins and ends :—

They saw the gleaming river seaward flow from the inner land : far off, three mountain tops, three silent pinnacles of aged snow, stood sunset-flushed, and, dewed with silvery drops, up-clomb the shadowy pine above the woven copse.

4.—*Understanding of the broad differences of form which distinguish the various poems.*

E.g.—From the poems you have read in your course can you mention any outstanding points of difference in subject or form between the poetry of Keats and that of Tagore ?

5.—*Explanation of any allusions which may be of importance for the understanding of the whole poem.*

E.g.—Who is the speaker in the first lines of the Lotos Eaters ?

II.—*Prose.*

1.—*Estimate of a character.*

E.g.—(*a*) Contrast the characters of Carton and Stryver.

(*b*) State what you know from the reading of your course of any three of the following:—

Cowley, Molière, Claude Duval, Sir William Petty, Halley, Boyle, Wren.

(*c*) Upon what characters does the humour of the story in the Tale of Two Cities depend?

2.—*Subject-matter.*

E.g.—(*a*) What developments in Science took place after the Restoration?

(*b*) Compare social conditions in England as described by Macaulay and Dickens.

(*c*) Compare the condition of women in England in 1685 with that of the women in India at the present time in respect of education.

(*d*) What, according to Dickens, were the causes of the French Revolution? Illustrate your answer by reference to incidents in the Tale of Two Cities.

(*e*) Do you notice any change in Dickens' attitude towards the French populace in the course of the Tale of Two Cities?

3.—*Appreciation of literary characteristics.*

E.g.—Illustrate from the chapter which you have read the chief characteristics of Macaulay's style.

MATHEMATICS.

There will be three papers of three hours each: one paper in Algebra and Trigonometry, a second in Geometry and Mensuration and the elements of Co-ordinate Geometry, and a third on Elementary Dynamics.

(1) *Algebra.*—Quardratic equations involving two or more unknown quantities; the theory of quadratic equations and of expressions of the second degree; imaginary expressions; arithmetical, geometrical and harmonical

progressions; permutations and combinations; theory of indices and logarithms; proof of binomial theorem for a positive integral index and the use of binomial and exponential theorems for any index.

(2) *Trigonometry.*—Including solution of triangles.

(3) *Plane Geometry.*—Loci; Proportion and Similarity; Collinear Points; Euler's Theorem on Four Collinear Points; Menelaus Theorem; Concurrency of Lines connected with a Triangle; Ceva's Theorem; Ortho-centre, Circumcentre, Centroid, In-Centre and Ex-Centres of a Triangle; Centres of Similitude; Radical Axis; Ptolemy's Theorem; Poles and Polars.

(4) *Mensuration of Solids.*—Surfaces and volumes of parallelopipeds and right prisms, pyramids, circular cylinders and cones, spheres and spherical segments; frusta of pyramids, cones and spheres.

The use of Trigonometry and Logarithms shall be permitted in solving numerical examples.

(5) *Co-ordinate Geometry.*—The properties of straight lines and circles treated by rectangular and polar co-ordinates.

(6) *Dynamics and Statics.*—Velocity, composition of velocities; relative velocity, acceleration, rectilinear motion under uniform acceleration, composition of accelerations; Newton's laws of Motion; rectilinear motion under gravity in a vertical and down an inclined plane; motion of two masses connected by a string passing over a pulley; projectiles, direct impact of smooth bodies; definition and calculation of kinetic energy, co-planar forces, parallel and non-parallel and their composition; equilibrium of a body under three forces; moments; conditions of equilibrium of a body under a system of co-planar forces and simple examples; centres of gravity; friction; work and power; simple machines (lever, balance, system of pulleys, wheel and axle).

The following books are suggested (*not prescribed*) in addition to more elementary text-books :—

School Algebra, H. S. Hall, Parts I—III.

School Algebra, Part II, by Paterson (Clarendon Press).

Elementary Algebra, Part II, by P. Ross (Longmans).

Hall and Stevens' School Geometry, Parts V—VI.

Co-ordinate Geometry, Smith or Loney (Macmillans).

Elements of Statics and Dynamics by Loney (Cambridge University Press).

CHEMISTRY.

[N. B.—Candidates will be required to pass in the theoretical part as well as practical part of each Science subject.]

There will be two papers of three hours each and a practical examination.

The following syllabus is prescribed :—

The course for the High School Examination of 1928 with the following addition :— Elementary and compound substances, mixtures, solution, chemical action, the laws of definite and multiple proportions, simple methods of the determination of equivalent weights, atoms, molecules, atomic and molecular weights, vapour density, the atomic theory and Avogadro's hypothesis, combination of gases by volume.

Valency, relation between equivalent and atomic weights, simple methods of determination of atomic weights. Dulong and Petit's law. Boyle's law, Charles' law, vapour pressure, diffusion.

Chemical symbols, formulae and equations, calculations of an easy nature.

Oxidation and reduction.

Elementary ideas as to the nature of dissociation in gases and electrolytic dissociation theory.

The outlines of the Periodic law studied from elements prescribed in the course.

Preparation and important properties of the following elements and compounds and proofs of the composition of the compounds marked* :—

Hydrogen, oxygen, *water, ozone, hydrogen dioxide, nitrogen, *the atmosphere, the effects of animal and vegetable life upon its composition, * ammonia, nitric acid and nitrates, nitrous acid and nitrites, *nitrous and *nitric oxides, carbon, *carbon dioxide, *carbon monoxide, elementary ideas about combustion and structure of flame, coal gas, chlorine, *hydrochloric acid, the chlorides, chlorine peroxide, chloric acids and chlorates, bromine, iodine, their hydracids and salts.

Sulphur, *hydrogen sulphide, *sulphur dioxide and trioxide, sulphuric acid and the sulphates, sulphurous acid and sulphites.

Phosphorus, hydrogen phosphide, phosphorus trixoide and pentaoxide, orthophosphoric acid.

Silica, silicates of Na, K. and Ca., glass.

Sodium, potassium, their hydroxides, chlorides, nitrates, carbonates, sulphates.

Calcium, strontium, barium and their oxides, carbonates, sulphates, chlorides, nitrates.

Magnesium, its oxide, chloride, sulphate, carbonate and nitrate. Zinc, its oxide, chloride, sulphate and carbonate.

Lead, its chloride, sulphate and nitrate.

Copper, the outlines of its metallurgy, its oxides, chlorides, sulphate and nitrate sulphides.

Iron, the outlines of its metallurgy, its oxides (FeO, Fe_2O_3, Fe_3O_4,) chlorides, sulphates and sulphides.

Organic :—

A.—The preparation, typical properties and structural relationship of the following compounds:—

Methane, ethane, ethylene, chloroform, iodoform.

Methyl alcohol and ethyl alcohol.

Formaldehyde and acetaldehyde.

Formic acid and acetic acid.

Ethyl acetate and methyl acetate.

Acetamide, acetyl chloride, acetic anhydride.

Acetylene.

Methylamine.

B.—The descriptive properties of the following :—

Glycerol, acetone, ether, oxalic acid, tartaric acid, fats, soaps (and saponification), starch, cane sugar, grape sugar (and fermentation), urea, benzene, phenol, aniline, benzoic acid.

PRACTICAL WORK.

Students will be examined in Practical Chemistry.

Students are expected to perform the following experiments in the laboratory. An account of each experiment must be written by the student in a special note-book, which will be liable to examination by the examiners. This note-book should be kept in the charge of the laboratory instructor and each account of an experiment should be signed by him. The Principal of a College will be responsible for the production of this note-book when demanded by the proper authorities.

The *practical* course is as follows :—

1. Such practical work as is required for the High School Examination of 1928.

2. Analysis of simple salts soluble in water or hydrochloric acid composed of acids and bases mentioned in the following lists :—

Ag, Pb, Hg, Cu, Cd, Bi, As, Sb, Sn, Fe, Al, Cr, Ni, Co, Zn, Mn, Mg, Ca, Sr, Ba, Na, K, NH_4, Cl, Br, I, ClO_3, SO_4, SO_3, NO_3, NO_2, PO_4, S, CO_3, C_2O_4.

3. Preparation and purification of simple salts involving no special difficulty.

4. Simple gravimetric and volumetric estimations, such as estimation of alkali, acids and alkaline carbonates by titration, gravimetric estimation of iron and simple gravimetric experiments such as change in mass on oxidation of magnesium, etc.

5. Determination of melting and boiling points.

6. Qualitative detection of hydrogen, nitrogen, sulphur, and halogens in organic compounds.

Books suggested :—

SHENSTONE : Inorganic Chemistry (Arnold).

ROSCOE and LUNT : Elementary Inorganic Chemistry.

ROSCOE and HARDEN : Inorganic Chemistry for Advanced Students.

A Class-book of Organic Chemistry, by J. B. Cohen.

Organic Chemistry, Part I, by Perkin and Kipping.

Donington's Class book of Chemistry, Parts 1—4.

Holymyard's Inorganic Chemistry, published by Arnold, 6*s*. 6*d*.

HOLMYARD : Practical Chemistry, Bell & Sons, Ltd., 4*s*.

OSCROFT : Inorganic Chemistry, for Upper Forms (Bell & Sons, Ltd.), 6*s*. 6*d*.

MALVEA : Practical Chemistry for Intermediate Collges (Indian Press), Rs. 2.

NEWTH : Chemical Lecture Experiments for teachers' use, published by Messrs. Longmans, Green & Co, latest edition, Price 8*s*. 6*d*.

PHYSICS.

[N.B.—Candidates will be required to pass in the theoretical as well as practical part of each Science subject.]

There will be two papers of three hours each as follows:—

1st Paper—Heat and Light.

2nd Paper—Sound, Electricity, and Magnetism.

The following syllabus is recommended:—

General properties of Matter.—Fundamental units and their measurement, Principle of Balance, Verniers, Callipers, Screw-gauge, Spherometer, Volume, Density, Specific gravity, Fluid pressure, Principle of Archimedes, Nicholson's hydrometer, Barometer, Boyle's law, Pumps, Siphon, Elementary notions of volume elasticity, and Young's modulus in the case of solids. Isothermal and adiabatic elasticities of gases. Gravitation, simple harmonic motion. Pendulum. Value of "*g*."

Heat.—Temperature. Thermometers. Calorimetry. Specific heat. Latent heat. Expansion of solids, liquids, and gases. Vapour pressure. Hygrometry. Change of state. Laws of unsaturated and saturated vapours. Conduction. Convection. Radiation. Reflection and absorption of heat. Isothermal and adiabatic changes. Specific heat at constant volume and constant pressure. Relation of heat to work. Determination of J.

Light.—Laws of propagation. Reflection and refraction from plane and spherical surfaces. Dispersion. Spectra. Fraunhofer's lines. Telescope. Microscope. Spectrometer. Photometry. Phosphorescence. Fluorescence. Velocity of light.

Sound.—Transverse and longitudinal waves. Nature of sound waves. Intensity. Pitch. Quality. Mode of propagation. Reflection. Refraction. Stationary waves. Beats. Resonance. Vibrations of strings and air columns. Monochord and organ pipes. Determination of velocity in solids, liquids, and gases. Musical scale.

Electricity and Magnetism.—Magnetisation. Permanent magnets. Magnetic induction. Unit of magnetism. Magnetic field. Lines of force and lines of induction Tangent A and B positions of Gauss. Deflection and vibration Magnetometers. Magnetic moments. Earth as a Magnet. Magnetic elements. H. Declination and Dip and their determinations. Electrostatic unit of quantity. Coulomb's law of force. Electric field. Gold leaf electroscope. Surface density. Potential. Capacity. Leyden jar. Capacity of a parallel plate condenser. Electrophorus Wimshurst's machine.

Voltaic cell. Electric current and its magnetic effects. E. M. unit of current. Galvanometers. Ammeters. Voltameters. Ohm's law and its verification. Unit of resistance and Potential difference. Specific resistance. Practical and absolute units. Determination of resistance. Wheatstone's bridge. P. O. Box. Heating effect of current. Joule's law. Determination of J. Electric glow lamp. Electric

arcs. Chemical effects of current. Faraday's laws of Electrolysis. Electro-chemical equivalent. Voltameters. Electromagnetic relations. Electro-magnet induction. Induction coil. Simple dynamo. Motor. Electric Telegraph. Telephone. Microphone. Thermopile. X-ray.

The scope of the course is approximately indicated by R. S. Willows' A Text-book of Physics (published by Messrs. Arnold & Co.).

There will be also an examination in practical work.

The laboratory course is indicated by the sub-joined list of experiments. An account of each experiment must be written by the student in a special note-book which will be examined. The account of each experiment should be signed by the Demonstrator, and the books should be kept in his charge.

LIST OF EXPERIMENTS.

Mechanics—

Applications of the Triangle of Forces.
Equilibrium of Parallel Forces.
Principle of Moments.
Determination of co-efficient of Friction.
Determination of " g " by the pendulum.

General properties of Matter—

Measurements of mass by the balance.
Use of the Spherometer.
„ Screw Gauge.
„ Callipers.
Reading the Barometer.

Heat—

Testing fixed points of Thermometers.
Determination of Specific Heats.
„ Latent Heats.
Construction of a graph illustrating the rate of cooling of a liquid.
Verification of Boyle's law.
Determination of the co-efficient of linear expansion.

Light—

Reflection and refraction of light at plane and spherical surfaces.

Determination of refractive indices.

Focal lengths of mirrors and lenses.

Sound—

Determination of velocity of sound by resonance.

,, the frequency of a fork by sonometer.

Magnetism—

Mapping out lines of force by a small magnet.

Determination of neutral points in a magnetic field.

Comparison of magnetic moments by the magnetometer

Comparison of magnetic fields by a vibrating magnet.

Electricity—

Variation of magnetic force at centre of a coil with radius, number of turns, and strength of current.

Determination of resistance by the use of Wheatstone's wire bridge.

Determination of resistance by the use of Ammeter and Voltameter.

Combination of cells in series and parallel.

Comparison of electromotive forces by the potentiometer.

Detailed accounts of the method of performing the above experiments will be found in either Willows' Text-book of Physics or in any Intermediate course of practical physics such as Schuster and Lees.

BIOLOGY.

There will be two papers of three hours each and a practical examination : the first paper on Zoology and the second paper on Botany.

The following syllabus is prescribed. Instructions for the teaching of Biology are appended :—

I.—Zoology.

[N.B.—Candidates will be required to pass in the theoretical as well as practical part of each Science subject.]

A.—Living and non-living matter. The distinctive properties of living matter or protoplasm and its chemical

composition. The structure and life-history of Amoeba and malaria-parasite as examples of the Protozoa. A general conception of the structure and phenomena of the animal cell; direct and indirect cell division. The union of cells to form tissues and the combination of tissues to form organs.

B.—The structure of Hydra as an example of the Metazoa. The principle of the physiological division of labour and the correlated differentiation of structure.

C.—The structure and bionomics of an Indian earthworm as an example of a segmented animal.

D.—The structure of the cockroach as a type of Arthropoda. Metamorphosis among insects as illustrated by the life-history of the common mosquito.

E.—The general characters of the Chordata.

F.—The general anatomy, histology, and physiology of the various systems or organs in the frog.

G.—An elementary knowledge of the anatomy and osteology of the rabbit or other common mammal. The brain and eye of the sheep, and the skull of the dog may be substituted for those of the rabbit.

H.—A general classification of the animal kingdom with the characteristics of the principal phyla.

J.—Reproduction, sexual and asexual; ova and spermatozoa; oogenesis and spermatogenesis. The elementary facts of the fertilisation and segmentation of the ovum, the outlines of the development and larval history of the frog, the three primary germ-layers and the organs derived from them.

II.—Botany.

[N.B.—Candidates will be required to pass in the theoretical as well as practical part of each Science subject.]

A.—The structure and germination of seeds, the morphology of the root, stem, and leaf. The chief types of floral structures. The chief types of inflorescence and the common types of fruits.

B.—The parts of a typical vegetable cell, the cell contents and their microchemical reactions, the division of a

cell, the chief types of plant tissues. A comparative study of the internal structure of the root, stem, and leaf of the Angiosperms. The structure of the reproductive organs of the Angiosperms.

C.—The structure of Bacillus subtilis and the modes of nutrition among the Bacteria.

D.—The structure, physiology, and life-histories of Ulothrix, Spirogyra, Mucor, and yeast.

E.—The structure and life-histories of a moss and a fern, and the phenomenon of alternation of generations.

F.—The life-history of Angiosperms.

G.—An outline of the classification of the vegetable kingdom to illustrate grades of structure and method of reproduction.

H.—Elementary plant physiology; stability of the plant body; the usual constituents of plant food; assimilation; transpiration; respiration; the main facts about growth; the chief types of movements.

Practical Work.

Students are expected to keep a record of all practical work in a special laboratory sketch book, which will be liable to examination by the examiners. The laboratory instructors should sign the result of each day's practical work.

A.—The microscopical study of Amoeba and Hydra; the study of Hydra by means of transverse and longitudinal sections.

The general dissection of the earthworm, cockroach, and frog; life-history of the mosquito; a microscopical study of the chief animal tissues from fresh or prepared preparations of muscle, nerve, cartilage, bone, blood, and connective tissue; the microscopical study of the earthworm by means of fresh preparations and transverse sections; a microscopical examination of the kidney, liver, spinal cord, stomach, ovary, and testis of the frog. The skeleton of the frog.

The osteology of the rabbit, substituting the skull of the dog for that of the rabbit, and the dissection of the alimentary, vascular, and reproductive systems of that animal.

B.—The dissection of plants and parts of plants; the preparation, simple staining, and study of microscopical sections of plants. A practical study by microscopical examination and otherwise of bacteria, yeast, Spirogyra, Ulothrix, Mucor; a moss, a fern, and the vegetative and reproductive organs of Angiosperms treated in an elementary manner.

The description of a flowering plant and its parts in semi-technical language.

(Where fresh material cannot be obtained, recourse should be had to prepared specimens.)

Text-books suggested:—

PARKER and BHATIA: Elementary Course of Practical Zoology (Macmillan).

HOLMES: Biology of the Frog.

MARSHALL and HURST: Practical Zoology. (Murray.)

RANGACHARI: Botany for Indian Schools, 2nd Edition. (Government Press, Madras.)

GAGER: Fundamentals of Botany. (Blakiston.)

APPENDIX.

Instructions for the teaching of Biology.—

1. The teacher must consider the purpose for which he teaches Biology—to prepare students for the university, for medical and forest colleges, and for more intelligent and more joyful living. Biology deals with the world of life surrounding the student, and every effort should be made to present Biology as a living subject, rather than as a vast mass of unrelated and (to the students) often meaningless facts to be memorised.

2. Teachers may take more liberty in teaching Biology than has been considered possible in the past. They should feel that they are not too rigidly bound by the syllabus. Much of what is commonly accepted as the interpretation of the syllabus, and as the proper content of Biology, is a tradition from the past. Teachers may to a much larger extent determine for themselves what they are to regard as the proper things to include in their teaching, and the proper emphasis to be given to these things; the syllabus will then become a friendly guide.

3. The syllabus is a record of work that ought to be covered, and the teacher may take up the various topics in whatever order he thinks best.

4. The additional items in the new syllabus are not intended to enlarge the syllabus, but to shift the emphasis given to the various parts of it. For instance, it is not intended that the cockroach shall be studied in minute detail, but that it shall be made the basis for acquaintance with the great assemblage of arthropods. The mosquito is to illustrate metamorphosis, and is used because of the great importance of mosquitoes to man, because it can be observed anywhere, and because it can be readily reared in the laboratory. The mosquito is to illustrate also the carrying of disease by insects, and the malaria parasite is an illustration of a disease-producing organism transmitted by an insect. The economic and bionomic importance of these animals is to be emphasized, rather than complete details of their structure.

Likewise, it is intended to allow considerable freedom to the teacher by permitting the use of mammalian types that are most readily available. The purpose is to become acquainted with characteristic features of mammalian anatomy, rather than with minute details of one animal only, to the exclusion of all others.

In Botany, more emphasis should be put on what plants do and how they work, than on extensive study of various

growth forms, which have little meaning for the student unless correlated with the great problems of plant economy. Moss is added to the syllabus as a simple, clear, and easily accessible plant illustrating sex organs and alternation of generations; it should be treated from this point of view, and no effort should be made to consider its anatomy in the detail usually regarded necessary in the fern.

DRAWING.

There will be two papers, each of three hours' duration: the first paper on Solid Geometrical Drawing and the second paper on Free Arm Memory Drawing.

SYLLABUS.

Free Arm.—In Pastels on Tinted Paper or Water Colours on White Cartridge Paper.

Progressive work in groups of the common objects listed for High Schools such as—

Plate of Oranges, Tomatoes, and Bananas; Candle-stick and Matches; Ink-pot and Pen, Gloy Bottle and Brush; Bundles of Firewood; Glass of Water or Milk; Chinese Lantern; Liquids in Bottles; Umbrellas, etc.

Nature Study Advanced.—The more difficult Flowers, Bunches of Flowers, leaves with Fruit and Flowers, Compound Leaves.

The above, which is but suggestive, will involve instruction in the art of blending colours; colour harmonies, colour schemes and shadows, together with technicalities such as tint softening, blending, direct colouring, light tint on dark and dark on light, use of opaque colours and backgrounds.

Memory Drawing (*a*).—Objects such as listed above which may be placed before students for a limited period, after which the object shall be taken away and the drawing made.

(*b*) The drawing of some familiar and common objects entirely from memory.

A number of small objects may be placed once a week on a covered up tray, exposed, say for ten seconds, and the class be asked to write down as many objects as they remember to have seen.

Text-books recommended.—Pastel work, Vols. I and II, by H. A. Rankin, publisher Messrs. Issac Pitman & Sons, price Rs. 4 per vol.

Materials.—As for the High School Examination of 1928 (Free Arm).

Geometrical.—Solid Geometry, simple solids, plans, elevations, sections and sectional elevations of such, isometric orthographical projection, elementary prospective drawing and all forms of Plain and Diagonal Scales.

Text-books and Materials.—As for the High School Examination of 1928 (Geometrical).

ECONOMICS.

Introductory.

Subject matter. Relation to other sciences. The development of Economic life.

Production.

Relation between wants and production. The factors of production.

Land.—Natural resources of India. Soil and Climate. Sources of Power. Raw materials.

Labour.—Density and distribution of population in India. Health and vital statistics. Occupations.

Capital.—Buildings and machinery. Means of communication and transportation in India. Irrigation.

Organization.—Combination of the factors of production in village industries and in factories. Efficiency of the factors of production. Different uses and how efficiency increases. Efficiency of labour increased by education. Division of labour and specialization of machinery. Large scale production and its limitations. Diminishing and

increasing returns. Development of industrial organization. Its relation to means of transportation. Accompanying changes in rural industries and in agriculture.

Exchange.

Utility.—Marginal and total utility. Law of diminishing utility. Law of demand.

Barter.—Conditions of barter. How both parties gain in utility by exchange.

Exchange by sale and purchase. Demand and supply schedules and curves. Balancing of demand and supply in a local market. Relation of price to expenses of production. Changes in the expense of production. The development of markets. Causes of the extension of markets. India's imports and exports.

The machinery of exchange. Money and banking, both to be illustrated from Indian examples (including the *Sahukari* system in the villages and the *Sarafi* system in cities.

Distribution.

The problem of distribution.

Rent.—The law of rent as applied to India. Land tenure in the United Provinces.

Salaries and wages.—Real and money wages. The standard of living. Mobility of labour in India. Influence of social customs.

Interest.—Net and gross interest. Mobility of capital in India. Principles of co-operative credit and its advantages for India.

Profit.—As the reward of enterprise. Business opportunities in India.

Consumption.

Satisfaction as the end of all economic activity. Wants and their classification. Division of income among different items of expenditure. Family budgets. Relations of saving to spending. The social side of spending.

Taxation.

A description of the taxes and other sources of revenue of the Imperial and Provincial Governments, and the municipal and district taxes levied at the place where the college is situated; simple distinction between direct and indirect taxes. (Nothing of the theory of taxation is to be taught.)

The following books should be consulted:—

Penson.—Economics of Everyday Life; Parts 1 and 2.

Moreland.—Introduction to Economics for Indian Students.

Teachers should also consult—

V. G. Kale.—Indian Economics.

Marshall.—Economics of Industry.

Chapman.—Elementary Economics.

Jack.—Economic Life of a Bengal district.

Mann.—Life and Labour in a Deccan village.

Gide.—First Principles of Political Economy. (Translation by F. E. Row.)

B. G. Bhatnagar.—Bases of Indian Economy.

Teachers should give facts and figures from the latest edition of the Indian Year Book (Times Press).

Practical Work.

Teachers should take out students to study small industries, markets, and conditions of living in both city and country. The principles should be illustrated from these studies. The following practical work should be the minimum to be placed before the examiner :—

(1) Two budgets of consumption : one of an artisan, one of a cultivator, if possible, with the student's own suggestions for improvement.

(2) Two statements showing the expenses of production for one month, or a longer period, or for a fixed quantity of product, of two small industries, with suggestions for the improvement of the industry.

(3) Four diagrams illustrating the above four statements (as suggested in the instructions to colleges and examiners).

(4) Two maps representing economic conditions in India or parts of India.

Written work.

Teachers should insist on as much written work as possible. The following methods are suggested:—

NOTE.—Teachers should not usually dictate notes, but should require students to write out their own notes after each lecture from rough notes taken in class and from memory. These notes should be inspected and marked by the teacher.

Questions.—At the beginning of the lecture period teachers should frequently give out a single question on the work of the day before, and allow the student 5 or 10 minutes to write out the answer, which should be corrected and returned to the students.

Essays.—Occasional essays may be assigned.

The following written work should be the minimum to be done by each student:—

(1) Two long examinations of at least 2½ hours each or six one-period tests, or one such examination and three such tests.

(2) Ten questions set in class, to be answered in about ten minutes each.

(3) Two essays of about ten pages, or four essays of about five pages. (One long essay and two short essays are advised.)

In the case of *private candidates*, double the essay requirement may be submitted in addition to no. (1), as an alternative.

N.B.—Practical and written work shall be given 15 per cent. each of the total marks for Economics. There shall be two papers, (of three hours each) each of which shall be given 35 per cent. of the total marks. The first paper shall cover production, Consumption, and Taxation and the second paper exchange, and Distribution.

CIVICS

There will be two papers of three hours each : the first paper on Civic Theory and the second paper on Indian Civics.

Paper I.—Civic Theory.

Books recommended :—

(1) Raleigh	...	Elementary Politics.
(2) Bryce	...	Hindrances to Good Citizenship.
(3) J. S. Lay	...	Citizenship.
(4) Dealey	...	Development of the State.

Paper II.—Indian Civics.

Books recommended :—

(1) Marris and Gardner		Civil Government.
(2) G. Anderson	...	British Administration in India.
(3) Mrs. A. Besant	...	India—A Nation.
(4) R. K. Mukerji	...	Men and Thought in Ancient India.
(5) S. M. Bose	...	The Working of the Indian Constitution (Oxford University Press).

In this paper, besides Indian constitution and administration, the student's attention shall be drawn to the following aspects of national life :—

India : The land and other physical features.
The people : Fusion of races, etc.
Indian religious life.
Indian social life.
Indian economic life, including agriculture, commerce, emigration, etc.
Indian cultural life.
Fusion of cultures : Literature, Art, Education, the Press, the Platform, etc.

MODERN HISTORY.

There will be two papers of three hours each.

Paper I.—Indian History from the earliest time to the present day.

Books recommended :—

LANE-POOLE, S. : Medieval India (Story of Nations Series). T. Fisher Unwin, Ltd.

SMITH, V. A. : The Oxford History of India, Clarendon Press, Oxford.

ROBERTS, P. E. : A Historical Geography of the British Empire, Vol. VII, Parts I and II (Clarendon Press, Oxford).

Imperial Gazetteer, Vol. II.

R. AIYANGAR : Pre-Musalman India (Longmans, Green & Co.).

Paper II.—Either (*a*) Outlines of Modern European History from 1500 A.D. to 1914 A.D. (excluding the war period).

Books recommended :—

RAMSAY MUIR : Atlas of European History.

A. J. GRANT : History of Europe : Longmans, Green & Co.

THATCHER and SCHWILL : History of Europe, John Murray, London.

J. H. ROBINSON : History of Western Europe, Ginn & Co., Boston, New York, U. S. A.

Or (*b*) Modern English History from 1485 A.D. to 1914 A. D. (excluding the war period).

Books recommended :—

WARNER and MARTEN : Groundwork of English History, Blackie & Son, Ltd.

R. B. MOWAT : A New History of Great Britain (Oxford University Press).

S. R. GARDINER : A School Atlas of English History (Longmans, Green & Co.).

ANCIENT HISTORY.

There will be two papers of three hours each.

Paper I.—History of Greece.

Books recommended :—

EDMONDS, C. D. : Greek History for Schools, Cambridge University Press.

J. B. BURY : Greek History for Beginners.

E. ABBOT : Pericles, G. Putnam Sons.

Paper II.—History of Rome.

Books commended :—

BYRANT, E. E. : A Short History of Rome, Cambridge University Press.

SHUCKBURGH : Augustus.

,, : A Short History of Rome for Beginners.

GEOGRAPHY.

There will be two papers of three hours each. The first paper will contain questions on part I of the syllabus and the second paper on parts II and III of the syllabus.

Syllabus.

I.—World Geography with intensive study of the regional geography of Eurasia and North America *compared* or of the three southern continents *compared.*

NOTE.—Teachers will be expected throughout to develop the human side of Geography, including the relations of Geography and History.

II.—Study of the survey map with special reference to 1 : 1/1000000, Survey of India and Adjacent Countries Series, sheet No. 43 (Srinagar), or No. 52 (Leh), or No. 53 (Delhi and Simla), also 1-inch Survey of India map No. 63 K/8. Study of the principles of map-projections. Study of the weather maps published by the Meteorological Offices, Simla, and of other distribution maps.

III.—Economic Geography with special reference to India. The world position of India, its natural resources,

its economic development. Man's influence over natural conditions, land and water communications, internal and external, irrigation. This connotes a thorough study of the distribution maps of India.

The world distribution of the following vegetable products :—

Wheat, rice, tea, coffee, vine, cotton, jute, sugar, rubber, tobacco, conditions of their growth.

Books recommended :—

I.—*Russell.*—North America. Oxford. 10*s.* 6*d.*

Dawson.—North America. Vol. I. Stanford. 15*s.*

Gannett.—North America. Vol II. Stanford. 15*s.*

Keane.—Asia. Vols. I and II. Stanford. 15*s.* each.

Chisholm.—Europe. Vols. I and II. Stanford. 15*s* each.

Keane.—Central and South America. Vols. I and II. Stanford. 15*s.* each.

Keane.—Africa. Vols. I and II. Stanford. 15*s.* each.

Mackinder.—Britain and the British Seas. Oxford. 10*s.* 6*d.*

Hogarth.—The Nearer East Oxford. 10*s.* 6*d.*

Little.—The Far East. Oxford. 10*s.* 6*d.*

McMunn and Coster.—A Regional Geography of Europe. Oxford. 4*s.*

Unstead and Taylor.—Regional and General Geography for Students. (Philip).

Herbertson.—Senior Geography. Oxford. 3*s.* 6*d.*

} May be used as text books by the students.

Mill.—International Geography (Macmillian) 12*s.*

Reynolds.—The Americas. Africa and Australasia. Black. 2*s.* each.

Thomas.—Africa and Australasia. Bell.

Bruce.—The Americas. Bell. 2*s.*

Wallis.—Junior Geography of the World. Macmillan. 4*s.*

George.—Relations of History and Geography. Oxford. 4*s*. 6*d*.

Herbertson—(*F. D.*)—Clarendon Geographies. Vols. I and II. 4*s*. each.

Brown and Johnson.—The Americas (Home of Man Series).

Maps:—

Stanford's Maps *with hand-books* (expensive but good).

Philips' sets of maps of the various continents and of India *with explanatory hand-books.*

Philips' sets of synthetic maps (for students' use).

Philip's Modern School Atlas.

Griffith Taylor—Australia.

II.—*Esson and Philip.*—Map-reading made easy. Philip.

Dickson.—Maps, how they are made; how to read them. Bacon. 6*d*.

Young and Fairgrieve.—A Class-book of Practical Geography. Philip.

Simmons and Richardson.—An Introduction to Practical Geography. Macmillan. 4*s*.

Unstead.—Practical Geography. Oxford. 4*s*.

Mort.—An Elementary Practical Geography. Blackie. 2*s*.

III.—*Chisholm.*—A Smaller Commercial Geography. Longmans. 3*s*. 6*d*.

Curr.—Commercial Geography. Black. 4*s*.

Lyde.—Man and his Markets. Macmillan 2*s*.

Herbertson.—Man and his Work. 1*s*. 6*d*.

Statesman's Year Book. Macmillan. 18*s*.
Whitaker's Almanac. 4*s*.
Indian Year Book. Thacker.
} Every 2 or 3 years.

Imperial Gazetteer of India. Vols. III and IV. Oxford. 7*s*. 6*d*. each.

Atlas of Commercial Geography. Cambridge University Press. 3*s*.

A School Economic Atlas. Oxford. 6*s*.

Climatological Maps of India. Meteorological department.

Additional Reference Books—

Lake.—Physical Geography. Cambridge University Press.

Salisbury.—Physiography for Schools. Shorter Course. Murray. 6*s.*

Davis.—Elementary Physical Geography. Ginn. 5*s.* 6*d.*

Tarr.—Elementary Physical Geography. Macmillan. 7*s.* 6*d.*

Mill.—The Realm of Nature. Murray. 5*s.*

LOGIC.

There will be two papers of three hours each: the first paper in Deductive Logic and the second paper on Inductive Logic.

Deductive Logic.

The following syllabus is prescribed :—

Definition, scope, and value of Logic. Nature of thinking. The laws of thought. The relation of thought and language. Terms and their classification. Denotation and Connotation of terms. The predicables. Formal division and definition. Propositions, their import. Reduction of statements to logical form. Distribution of terms. Nature and forms of inference. The opposition of propositions and various forms of deduction. The syllogism, its figures and moods. Reduction, direct and indirect. Hypothetical, disjunctive and mixed syllogisms. The Dilemma, Enthymeme, Sorites and Epicheirema. Function and value of syllogism. Analysis of deductive arguments. Fallacies.

Inductive Logic.

The following syllabus is prescribed : —

The nature and presuppositions of inductive inference. Causation, its significance and importance in induction.

Observation and experiment. Classification and nomenclature. Hypothesis. Imperfect induction—simple enumeration and analogy. Methods of scientific induction. Analysis of inductive arguments and application of inductive methods. Explanation and establishment of laws. The relation of induction to deduction. Fallacies.

Books recommended (*not prescribed*) to indicate the standard of treatment of the topics prescribed :—

Introductory Text-book of Logic: S. H. Mellone, Blackwood & Sons, Edinburgh.

Intermediate Logic : Welton and Monahan, University Tutorial Press, London.

Groundwork of Logic : Welton, Macmillan & Co.

A MODERN INDIAN LANGUAGE.

There will be three papers in each of these languages : each paper will be of three hours ; the first paper will be set on the prescribed Prose and the second on the prescribed Poetry and the third on Unseen and Composition. Critical questions will be set in the first and second papers.

The following are the text-books prescribed :—

Urdu.

1. Intermediate Urdu Course by Maulvi Muhammad Ashfaq Siddiqi (omitting pages 145—213), published by Ram Dayal Agarwala, Katra, Allahabad.

2. Majina-ul-Fawaid by Maulvi Saiyid Hamid Ali (Ram Dayal Agarwala, Book-seller, Katra, Allahabad)

Hindi.

Poetry.

1. *Tulsi Das.*—Kavitawali.

2. *Sur Das.*—Ramayan, edited by Satey and Jiwan Varma, M.A.

3. *Din Dayal Giri.*—Anyokti Kalpadrum.

4. *Bhushan.*—Chhatrasal Dashak (Nagri Pracharini Sabha, Benares).

5. *Ram Ratna.*—Alankar Prabodh (Ratanashrama), Agra.

Prose.

1. *Jai Shankar Prasad.*—Ajata Shatru (Revised edition).

2. *Shyam Sundar Das.*—Gadya Kusumawali (Indian Press, Allahabad).

Bengali.

Poetry.

Krittibas.—Ramayan, Ajodhya Kanda.

Michael Madhusudan Datt—Chaturdaspadi Kabitabali, edited by Dina Nath Sanyal.

Nabin Chandra Sen.—Prabhas.

Grindra Mohini Dasi.—Asrukana.

Prose.

Bhudeb Mookerji.—Paribarik Prabandha.

Gooroodas Banerji.—Jnan O Karma.

Ishanchandra Ghosh.—Jatak, Volume I (nos. 1—25 and introduction).

Hara Prasad Sastri.—Bharat Mahila.

Composition.

Rakhal Das Vidyaratna.—Bengali Composition.

Marathi.

1. Kewal Swarajya Sathee, by Hari Narain Apte.

2. Jewan Smriti, published by the Manoranjak, Granth Prasarak Mandali, Girgaum, Bombay.

3. Keshabsutyancha Kavita Sangrah wa Charitra, published by Sita Ram Keshav Damle.

4. Nawada Niti wa Harish Chandra Akhyana, being selections from Mukteshwar as printed in the latest edition of Navanit.

A MODERN EUROPEAN LANGUAGE.

There will be three papers of three hours each. The first paper will consist of extracts from the prescribed text-books, together with grammatical questions. The second paper will contain unseen passages for translation from French into English; these passages are not to be taken from the prscribed text-books. The third paper will consist of a passage or passages of English prose to be translated into French.

French.

Prescribed text-books—

ERCKMANN-CHATRIAN : Le Conscrit.

DAUDET : Tartarin sur les Alpes. (Siepmann's Edition.)

MOLIÈRE : Le Misanthrope. [Edition published by the Cambridge University Press (The Pitt Press).]

Grammar recommended—French Grammar. (Sonnenschein's Parallel Grammar Series).

CLASSICAL LANGUAGES.

There will be three papers of three hours each in each of these languages : the first paper will be on Poetry (including Drama in the case of Sanskrit) and Unseen, the second paper on Prose and Unseen and the third paper on Grammar, Composition, and Translation into the classical language. Questions in Grammar relating to the text may be included in each of the first two papers.

(*a*) Sanskrit.

Paper I.—Poetry including Drama and Unseen—

(*a*) Raghuvamsha, Canto XIII.

(*b*) Shakuntala, Act IV.

NOTES.—1. Students are expected to explain in Sanskrit selected passages by giving the context, synonyms of the different words, and analysing compounds where necessary and adding the purport.

2. No questions purely on Prakrit shall be asked.

Paper II.—Prose and Unseen—

(*a*) Prose—Chandrapeeda Charitam (the story of Kadambari written concisely in Bana's own words), by Pandit V. Anantacharya, published by the editor in 1917, Nungambakkam, Madras, and printed at the Law Printing House, Mount Road, Madras, price annas 6.

(*b*) Unseen—The following stories from the Mahabharata are recommended:—

(1) Nalopakhyana.

(2) Sakuntalopakhyana.

NOTE.—Easy passages from the above-mentioned books and similar passages from other similar books should be set for translation into English.

Paper III.—Grammar, and Composition and Translation

Books recommended:—

1. Apte's Guide to Sanskrit Composition.
2. Kale's Higher Sanskrit Grammar.
3. Vidya Bhushan's Sanskrit Grammar.
4. Bhandarkar's Second Book of Sanskrit.

In addition to the course in Grammar prescribed for the High School Examination of 1928, the course in Grammar for the Intermediate Examination of 1928 shall consist of the following:—

The remaining declensions of all nouns and pronouns, conjugations of the verbs of frequent occurrence in classical literature of all the ten classes in all the *lakaras*, the use of six *karakas*, the four classes of *samasas* and *krit* and *taddhita* forms.

N.B.—Sanskrit must be written in the Devanagri character.

(b) Arabic.

Prescribed course:—

Prose.

I. Text:—

(*a*) Selection from Ibn Khalladun printed in old course. (The biography of the Prophet.)

(*b*) Tajaribul Uman, Eclipse of the Abbaside Caliphate, Volume I, pages 83 to 91. Imprisonment of Um Musa, the stewardess, and appointment of Ibn Furat as Wezir, 310 to 311 Hijra, pages 202 to 246.

Poetry.

(*a*) Hassan per selection in the old course.

(*b*). شعرالنصرانيه	Page	No. of lines.	Poet.
(1) أ اذكر حاجتى ام قد كفانى	220	9	اميته ابن الصلت
(2) الم تران الورد عدد صدره	94	4	تبيصه بن النصراني
(3) بكيت لفرسان و حق لناظرى	147	7	براق
(4) لقد نصحت لاقوام و فلت لهم	414	9	ورقه بن توفل
(5) آ اجمع صحيتي السحر ارتحالا	201	9	عمرو بن كلثوم
(6) فلم تبثرلنا عطفان لما	208	11	زهير بن خباب
(7) لقيت تغلب كعصبة عاد	243	9	فندالزماني
(8) انها جاري اصمدى ماعلوا ادنى عيالى	246	8	جساس بن مرة
(9) يا كعب انل لو تصرت على	254	9	عبدالمسيح بن عسله
(*c*) حماسه	28	22	سموءل بن عاديا
اذالمرء لم يدنس من اللؤم عرضه			
(*d*) رياض الادب	147	6	حقيقة بنت عمر والبا هلية
كنا كغصنين في جر ثومة السفا			
(*e*) ديوان الحسناء	41	10	الخنسا بنت عمرو
اعيني جود ولا تجمدا			

The selection of the above edited by Dr. A. S. Tritton recommended.

II.—*Grammar* :—Mabadi-ul-Arabia, II Urdu edition (Mujtabai Press, Delhi).

III.—*Rapid Reading* :- Qalyubi Nawadirul Hikayat (First-half).

NOTE.—Arabic words must be written in the Arabic character.

(c) Persian.

Prescribed course :—

Prose.

I Text :—

1. عذب‌البیان page 17 سرحد که پوشیده ماند up to و اجاره دار سرکار وابسته است
2. تذکره طرز حکومت و معاشرت – تاریخ مالکم up to عین عدل و مروت دانند
3. سوانح شیخ علي حزین from the beginning up to بطبع مردم بیگانه زیاده ملایمت نکنند
4. نامهٔ خسروان from حالات هوشنگ up to که تازیان سلیمان دانند
5. توزک جهانگیري from از عنایات بیغایات الهي up to کدورتها بصفا مبدل گردید
6. آئین اکبري volume III, pages 291 to 298, from دلاویز گلدستار شاهنشاهي up to میفرمودند no. 57.
7. سفرنامه شاه ایران from روز دوشنبه دوم ذیقعده up to تا هوا روشن بود اینها مي رقصیدند

Poetry.

(1) دیوان عندلیب 15 I Ghazals.
(2) دیوان نظیري 15 I Ghazals.
(3) قصاید سلمان ساوجي
   (a) اے سہاں ملک را شمشیر تو مالک رقاب
   (b) باد سحر گہي بہواے تو جاں دہد
   (c) بدل رسیدہ سحرگاہ در مقام حضور
(4) قصاید ظہیر فاریابي
   (a) سپیدہ دم چو شدم محرم سراے سرور
   (b) سپیدہ دم چو زند ابر خیمہ در گلزار
   (c) شرح غم تو لذت شادی بجاں دہد
   (d) چوں بر زمین طلیعہ شب گشت آشکار

(5) یوسف و زلیخا

(a) بخواب دیدن یوسف مادر و پدر خود را up to

بلے ہر کس ز غم دارد دلے تنگ

(b) وفات یافتن up to هزاران فیض برجان وتنش باد یوسف

Recommended the selections of the above as published by Anwarul Matabay, Victoria Street, Lucknow.

II Grammar.—مخزن الفواید By M. H. Nasiri, Chapters, I—VII (Mission Press, Allahabad.)

III. Rapid Reading.—Hamayun Nama by Gulbadan Begum همایوں نامہ گلبدن بیگم published by Anwarul Matabay, Victoria Street, Lucknow.

Students who offer Persian are required to have such a knowledge of the Etymology of the Arabic language as will enable them to explain all Arabic words and phrases which may occur in the text-books and in the books recommended for rapid reading in Persian.

NOTE.—Persian words must be written in the Persian character.

(*d*) Latin.

Prescribed course :—

I—Text—CICERO : In Catilinam, I and II.

„ De Amicitia.

LIVY : Book XXII, Chapters 1—51.

VIRGIL : Georgics, Book I.

HORACE : Odes, Book I.

II—Grammar :—Gildersleeve's Latin Grammar or Allen's Latin Grammar is recommended.

(*e*) Greek.

Prescribed course :—

Text—PLATO : Apology and Crito.

SOPHOCLES : Antigone.

(*f*) Hebrew.

Prescribed course :—

I.—Text—SAMUEL : Book I.

PSALMS : I—LX.

II.—Genesis is recommended for rapid reading in connection with Unseen.

III.—Grammar : Duff's Hebrew Grammar is recommended.

PHYSIOLOGY, HYGIENE, AND CHILD-STUDY.

(*For female candidates only.*)

NOTE.—The subject should be taught in such a way as to be practically beneficial to the students.

There will be two papers of three hours each. The first paper will contain questions on section I of the syllabus (Physiology and Hygiene) and the second paper on section II of the syllabus (Child-Study).

I.—Physiology and Hygiene—

(1) The general build of the body. The skeleton The joints. The muscles. The nervous system. The thorax and the abdomen, and their contents.

(2) Structure and Hygiene of the eye, the ear, the nose, and the throat.

(3) Air and oxygen. Air impurities. Respiration and the lungs. Breathing exercises. Ventilation. Composition of the blood. The heart and circulation of the blood.

(4) Digestion. Absorption and Excretion. Care of the teeth. Effects of intemperance in the use of alcohol, opium, etc.

(5) Personal Hygiene. The skin, its structure and functions. Diseases of the skin. Training in cleanliness. Exercise and growth of the body. Clothing. Rest Sleep.

(6) Principles of diet. Classification and composition of foods. The cooking of food. Contamination of food. Milk and its derivatives Diseases of milk. Overfeeding.

(7) Uses of water. Water-supply and its sources. Pollution and purification of water. Hard and soft water.

(8) Ventilation and lighting.

(9) Common accidents and ailments. Bleeding. Bruises. Burns. Bites. Sting. Fractures Fainting. Hysteria. Poisoning.

(10) Infectious and contagious diseases—symptoms, causes, conditions of spread, and precautionary measures, e.g., Colds and Catarrh, Measles, Whooping cough, Scarlet fever, Diphtheria, Typhoid, Plague, Small-pox, Cholera, Dysentery, Malaria, Consumption, Rabies.

Vaccination, Isolation and Disinfection.

(11) Sanitation. Buildings. Sites. Drainage. Sewers. Latrines. Cattle-sheds. Removal of refuse.

II.—Child-Study—

(1) The influence of environment. Education of the nervous system. Instincts and instinctive tendencies. Imitation. The senses. Perceptional and motor training. Educational value of physical pursuits. Self-activity. Play. Fatigue. Association of Ideas. Imagination. Fairy Tales. Memory. Attention and Interest. Habits, their formation and function. The development of character.

(2) Modern tendencies in education, e.g., the Montessori system, the Dalton plan, etc.

Books recommended for the guidance of teachers :—

Ritchie-Purcell.—"Sanitation and Hygiene for the Tropics." (World Book Company.)

Drummond—"An Introduction to School Hygiene" (Arnold).

Banks—'Manual of Hygiene for Use in India" (Macmillan).

James.—"Talks to Teachers" (Longmans).

Margaret Drummond—"Some Contributions to Child Psychology" (Arnold).

Margaret Drummond—"The Dawn of Mind" (Arnold).

COMMERCIAL DIPLOMA EXAMINATION OF 1928.

The following are the subjects of examination:—

Compulsory subjects—

1. English, including correspondence.
2. Book-keeping and Accountancy.
3. Business Methods and Elementary Economics.

Optional subjects—

One of the following :—

1. Commercial Geography—
   (*a*) General.
   (*b*) India.

Or

2. Typewriting.

Or

3. Shorthand.

The following papers will be set :—

1. *English including correspondence.*—Two papers of three hours each.

2. *Book-keeping and Accountancy.*—Two papers of three hours each.

3. *Business Methods and Elementary Economics.*—Two papers of three hours each ; one paper on Business Methods and one paper on Elementary Economics.

4. *Commercial Geography.*—One general paper of three hours. One paper on the Commercial Geography of India of three hours.

5. *Typewriting.*—One paper of * three hours.

6. *Shorthand.*—One paper of three hours.

The syllabus in each subject is as follows :—

English, including correspondence—

First Paper—Commercial English—

This will consist of—

(*a*) Draft of commercial and official correspondence.

---

* Theory paper—Two hours.
Type-copying—One hour.

(*b*) Re-writing in plain language of passages from market reports (financial and commodity markets) with explanations of selected terms and phrases occurring in the passage.

(*c*) Precis-writing.

Books recommended (not prescribed)—

Modern Commercial Correspondence, by John K. Grebby, MacDonald & Evans, London.

Second Paper—General English—

This will consist of—

(*a*) Translation from indirect to direct speech, and *vice versâ*.

(*b*) Re-writing of incorrect or badly constructed sentences.

(*c*) Synthesis of simple sentences and the resolution of complex sentences.

(*d*) An essay on a subject of general interest.

Books recommended (*not prescribed*) :—

A Course of Practical English, by E. J. Balley, G. Bell & Sons, Ltd.

How to summarise, expand or recast, by J. C. Nesfield, Macmillan & Co., Ltd.

Modern English, by Brown and Walker, Macmillan & Co.

Tale of Two Cities (abridged edition).

Vicar of Wakefield (abridged edition).

Book-keeping and Accountancy.—The principles of Double Entry. Book-keeping and their application. Books of original entry, including Tabular Forms. The Ledger. Trial Balance. Manufacturing, Trading, and Profit and Loss Accounts, with apportionments and adjustments, Balance-sheets. Loose Leaf and Card Index system of Book-keeping Self-balancing Ledgers. Single Entry Book-keeping.

In the treatment of the above the following matters will be included:—Cheques, Bills of Exchange and Promissory Notes; Good-will; Classification of Assets; Bad

debts; Depreciation, Reserves and Sinking Funds; Consignment, Joint Venture and Contract Accounts; Partnership and Company Accounts (including the Double Account system), Capital and Revenue; Investment Accounts; Accounts Current and Average Due Dates.

Books recommended:—

Students' Elementary Book-keeping, by Arthur Fieldhouse, Simpkin Marshall & Co., Limited, London, E. C. 4,

Advanced Accounts (third edition), by J. R. Batliboi, S. Govind & Co., Bombay,

Advanced Accounts by R. M. Carter, published by Pitman.

Business methods.—1. The general routine of a Business House:—Inward and Outward correspondence (excluding drafting); Methods of rapid communications; Duplicating processes.

2. The significance of Trade, Commerce and Industry; Manufacturing and Distribution House. The buying and selling of goods. Mercantile Enquiry Agencies. Importation and Exportation of goods. Documentary Bills Elementary Fire and Marine Insurance as applicable to this section. Use of Card Indexes.

3. The meaning of the principal commercial terms occurring in connection with the above and the preparation of the chief documents involved, including arithmetical calculations.

4. An elementary knowledge of the Law relating to Contracts and Negotiable Instruments.

Contract Law.—Agreements that are contracts; essentials of a good contract; offer and acceptance; genuineness of consent; contractual capacity of parties; legality of objects (agreements, unlawful, immoral, and against public policy void); performance and discharge of contracts; breach of contract; damages.

Sale of Goods.—Sale of ascertained and unascertained goods, passing of ownership, delivery, actual and constructive implied warranties, rights of unpaid seller.

Negotiable Instruments.—Making, drawing, accepting, and endorsing of Promissory Notes, Bills of Exchange and Cheques, holder in due course, dishonour, noting and protest, presentment for payment and acceptance, acceptance for honour.

Books recommended.—Modern Business Training by John K. Grebby, Macdonald and Evans, London.

Elementary Economics.—(The treatment of the subject should be very elementary and, as far as possible, it should be illustrated by reference to Indian conditions.)

The subject-matter and scope of Economics, fundamental notions, and simple definitions. Relation between wants, efforts, and satisfaction.

Production.—Factors of production: Land, Labour, Capital and Organization.

Nature and Limitations of land; Division of labour and other factors of efficiency of labour; Organization of capital.

Laws of increasing, diminishing, and constant returns.

Wants.—Diminishing utility. Value—its determination. Balancing of supply and demand.

Machinery of Exchange.—Money and its functions. Qualities most desirable in currency—legal tender—token money—Gresham's Law—Paper Currency—Convertible and Inconvertible credit—Credit instruments—Bills of Exchange—Cheques.

Indian Currency.—The Gold Exchange Standard—The Gold Standard Reserve, Council Bills—Reverse Councils—Indian Currency during and since the War—Indian Banks and the chief functions performed by them—the Imperial Bank, the Exchange Banks and Indian Joint Stock Banks.

Distribution.—Rent—interest—wages—profits (with particular reference to Indian conditions).

Books recommended:—

PENSON: Economics of Every Day Life, Part I.

MORELAND: Introduction to Economics.

JEVONS: Money and Banking in India.

Introduction to Economics for Indian Students, by W. H. Moreland, Macmillan & Co., St. Martin's Street, London.

The Economics of Every-day Life, by Sir T. H. Penson, Cambridge University Press.

Commercial Geography.—*A. General.*—I. (*a*) Physiographic Control of Commerce, Climate. Effect of climate on vegetation. Vegetation regions. Distribution of important commodities as wheat, rice, cotton, barley, flax, jute, etc., and conditions under which they are severally produced.

(*b*) Vegetation, its relation to industries.

(*c*) Trade routes connecting the most important regions producing the different commodities as studied above and the important markets for them. Ports. Localisation of Industries.

II. A study of the various types of geographical regions from the standpoint of commerce, particularly of the West marginal type in Europe, the East marginal type in Monsoonal Asia, and of continental types in N. America.

(This would imply an intelligent study of the physical features of the different regions, more particularly in relation to their effects on climate, agricultural production, and the easiest lines of inland communication, whether by water, road), or rail. Special attention should be paid to the geographical distribution of industries.)

B. India.—A study of the Commercial Geography of India on the regional basis involving the study of—

(*a*) Surface features and physical structure.

(*b*) Climate.

(*c*) Agricultural products.

(*d*) Irrigation.

(*e*) Distribution of minerals.

(*f*) Industries.

(*g*) Communications.

NOTE.—In the study of regional types special attention may be devoted to the parts of the British Empire occurring in these types.

Books recommended:—

Smaller Commercial Geography, by G. G. Chisholm, Longmans, Green & Co., 39, Paternoster Row. London.

TYPEWRITING.

This will be the same as in Commerce for the High School Examination of 1928, but of a more advanced character—the speed to be 30 words per minute.

The maximum marks and the time allotted to the papers in this subject are as follows :—

		Marks.	*Time allowed.*
Theory paper	... ...	30	2 hours.
Type-copying	(*a*) Passage and letter	50	1 hour.
	(*b*) Tabular statement	20	
	Total ...	100	3 hours.

Books recommended:—

1. Expert Typist, by J. A. Rosemond, Methodist Publishing House, Lucknow (or any other good Manual, such as Smith's, Pitman's or Remington's).

2. A Typewriting Manual for Indian Students, by E. M. Moffatt and V. A. Kshirsagar, Methodist Publishing House, Lucknow.

SHORTHAND.

1. Writing in shorthand from a passage dictated at the rate of 80 words a minute, for a period of ten minutes.

2. Writing in shorthand from a business letter of general commercial phraseology, dictated at the rate of 80 words a minute, for a period of 5 minutes.

3. Transcription of both the above.

Books recommended:—

Pitman's Instructor, by Pitman & Sons, London.

AGRICULTURAL DIPLOMA EXAMINATION OF 1928.

N.B.—Preference for admission to this course will be given to candidates who have studied (*a*) Chemistry and Physics, or (*b*) Agriculture for their admission test examination.

The following are the subjects of examination :—

Group I	1.	Elementary Farm Chemistry.
	2.	Elementary Farm Physics.
Group II	1.	Botany.
	2.	Elementary Zoology.
Group III Agriculture A	1.	Farm Crops.
	2.	Elementary Economics.
	3.	Horticulture.
	4.	Climatology.
Group IV Agriculture B	1.	Introduction to Animal Husbandry.
	2.	Elementary Irrigation and Drainage.
	3.	Farm Machinery.
Group V		English.

The following papers will be set :—

Group I	1.	Elementary Farm Chemistry—One paper of three hours.
	2.	Elementary Farm Physics—One paper of three hours.
Group II	1.	Botany—One paper of three hours.
	2.	Elementary Zoology—One paper of three hours.
Group III Agriculture A	1.	Farm Crops and Elementary Economics—One paper of three hours.
	2.	Horticulture and Climatology—One paper of three hours.

There will be a practical examination of two hours in Farm Crops and Horticulture only in this Group.

Group IV Agriculture B
1. Introduction to Animal Husbandry —One paper of three hours.
2. Elementary Irrigation and Drainage, and Farm Machinery—One paper of three hours.

There will be a practical examination of two hours in Introduction to Animal Husbandry, and Farm Machinery only in this Group.

Group V — English—Two papers of three hours each. The first paper will be on composition and translation and the second paper on general topics of interest based on newspaper reading, not of a political character.

There will be no separate practical examination in the following, but practical questions will be included in the theoretical papers :—

Farm Chemistry, Farm Physics, Botany, Zoology, Economics, Climatology, and Irrigation and Drainage.

The syllabus in each subject is as follows :—

GROUP I.

ELEMENTARY FARM CHEMISTRY.

(1) *Inorganic.*

Common properties of matter.

Atoms, molecules, symbols, formulæ, equations, and chemical calculations.

The fundamental principles of Chemistry, the atomic theory, laws of definite and multiple proportions, Avogadro's hypothesis, Boyle's and Charles' laws, elements, compounds, chemical combination and mechanical mixture.

The sources, preparation, and properties of the following elements and their compounds which are of importance in connection with Agriculture :—

Hydrogen, oxygen, and water. Temporary and permanent hardness of water, methods for softening them.

Nitrogen, ammonia, oxides of nitrogen, nitric acid and the nitrates. Nitrification.

The atmosphere. The physical and chemical properties of the air and its constituents.

Oxidation and reduction. Acids, bases, and salts.

Halogens :—Chlorine, hydrochloric acid, and the chlorides.

Sulphur :—Sulphur dioxide and trioxide, sulphuric acid and the sulphates, sulphuretted hydrogen and the sulphides.

Phosphorus :—Phosphorous pentoxide, phosphoric acid and the phosphates.

Arsenic and arsenious oxides.

Silicon, silica, and the silicates.

Carbon and carbonic acid and the carbonates.

The following metals and their chief compounds :—Sodium, potassium, ammonium, lead, copper, iron, aluminium, calcium, manganese, and magnesium.

(2) *Organic.*

Occurrence, preparation, properties, and uses of—

Common saturated and unsaturated hydrocarbons, alcohols, fatty acids, fats, oils, soaps, carbohydrates and organic nitrogenous compounds.

Laboratory work to consist of experiments, recorded in note-books based upon the problems developed from the syllabus.

The following books are suggested for reference :—

1. "Every-day Chemistry," Alfred Vivian, American Book Co., New York. Price about Rs. 5.

2. A foundation course in Chemistry for students of Agriculture and Technology, by J. W. Dodgson and J. A. Murray, Longmans, Green & Co., Calcutta. Price about Rs. 3.

3. Introduction to the Study of Inorganic Chemistry, by W. A. Miller, Longmans, Green & Co., Calcutta. Price about Rs. 4.

4. Agricultural Chemistry, by R. H. Adie and T. W. Wood, Vol. I, Kegan Paul, Trench, Trübner & Co., Ltd., Paternoster House, Charing Cross Road, London. Price about Rs. 4.

5. Organic Chemistry, by Perkin and Kipling, W. R. Chambers, Ltd., London. Price about Rs. 7.

6. Elementary Agricultural Chemistry, by H. Ingle, Charles, Griffin & Co., Ltd., London. Price about Rs. 4.

ELEMENTARY FARM PHYSICS.

1. Units and measurements, metric system, length, area, and volume. The balance and methods of weighing. Use of screw gauge and callipers. Mass and density.

2. Gravitation; falling bodies.

3. Liquids and gases. Forces due to weight of a liquid. Forces transmitted by a liquid. Archimedes' principle. Properties of gases. Expansibility and compressibility of gases. Atmospheric density and barometers. Applications of air pressure; pumps.

4. Heat. Effect of heat on solids, liquids, and gases. Change of volume with temperature. Thermometers. Transference of heat.

5. Light; rectilinear propagation of light. Shadows. Lenses. Images. Refraction. Colour.

6. Magnetism, magnetic forces, and magnets. Compass.

7. Electricity. Production of electricity by friction. Properties of a charged body. Insulators. Conductors. Electroscopes. Batteries. Magnetic effect of currents. Electro-magnetic induction.

Laboratory work to consist of experiments, recorded in note-books, based upon the problems, developed from the syllabus.

The following books are suggested for reference :—

A High School Course in Physics, by F. R. Gorton, D. Appleton & Co., New York. Price about Rs. 5.

SOILS (SOIL-PHYSICS).

The origin of soils and processes of their formation.

The nature of soil constituents, sand, clay, chalk, and humus.

The classification of soils according to their constituents and origin.

Soil properties.

Manures.—(*a*) Organic manures; (*b*) Chemical fertilizers.

The following books are suggested for reference :—

1. "The Soil," by A. D. Hall, John Murray, London.
2. "The Physical Properties of Soil," by A. G. McCall, Orange Judd & Co., New York. Price about Rs. 2-12.
3. "First Principles of Soil Fertility," by Alfred Vivian, Orange Judd & Co., New York, or Christian Book & Tract Society, Allahabad. Price Rs. 2-7.
4. "Soils, Their Properties and Management," Lyon, Fippin and Buckman. Macmillan & Co., New York. Price, Rs. 10.
5. "Soils and Fertilizers," Harry Snyder. Macmillan & Co., New York.

GROUP II.

BOTANY.

1st Year.

Fundamental Principles of Biology (Introductory).

General morphology (study in detail) :—

Root and its modification.

Stem and its modification.

Leaves—arrangement of leaves, modification of leaves.
Flower—inflorescence, floral leaves, floral diagram.
Pollination—floral adaptations.
Fruits—classification and dispersal.
Life history of maize and pea.

Internal anatomy.—Study of cell; elementary histology of root, stem, leaf.

2nd Year.

Physiology (study in outline) :—
Chemical composition of the plant.
Absorption of nutrient substances.
Assimilation of food materials.
Transpiration.
Growth.
Reproduction (including germination of seed).

Classification.—Principles of classification.
Study of Bacillus, Mucor, Spirogyra,
Fern and the following orders :—
Leguminaceæ (Papillionaceæ).
Cruciferæ.
Malvaceæ.
Solanaceæ.
Cucurbitaceæ.
Graminaceæ.

Weeds—any plant out of place—Common weeds of cultivation—Method of dispersal and perenation—relation to weed control—Weeds as related to different soil conditions—of rice land—of dry grain land—Weeds as indicators of soil conditions.

The work should be such that the students are enabled to make their own observations and deductions. Field excursions under proper supervision should be carried on regularly, special attention being given to field crops.

Students will be required to submit at the final examination notes of field observations and work in the laboratory certified by the lecturer.

branches of the subject. The questions on Practical Geometry will be set on the constructions contained in the annexed Schedule A, together with easy extensions of them. All figures should be drawn accurately, for which purpose every candidate should provide himself with a graduated scale, a pair of set squares, a protractor, a compass, and a hard pencil. The questions on Theoretical Geometry will consist of theorems and problems contained in the annexed Schedules A and B, together with easy extensions and deductions with numerical illustrations. Any proof of a proposition will be accepted which appears to the examiners to form part of a systematic treatment of the subject; the order in which the theorems are stated in Schedule B is not imposed as the sequence of their treatment. In the proof of the theorems hypothetical constructions will be permitted.

N.B.—Candidates will be provided with square l paper, if necessary.

SCHEDULE A.

Bisection of angles and of straight lines.

Construction of perpendiculars to straight lines.

Construction of an angle equal to a given angle.

Construction of parallels to a given straight line.

Simple cases of the construction from sufficient data of triangles and quadrilaterals.

Division of straight lines into a given number of equal parts.

Construction of a triangle equal in area to a given polygon.

Construction of tangents to a circle and of common tangents to two circles.

Simple cases of the construction of circles from sufficient data.

Construction of rectangle equal to a given polygon.

Construction of a rectangle on a given base equal in area to a given rectangle.

Construction of a square equal to a given rectangle.

Construction of a rectangle of given area the sum or difference of whose sides is given. (These constructions should be based on the propositions on the Geometry of the circle.)

Construction of a fourth proportional to three given straight lines and a mean proportional to two given straight lines (as corollaries to previous constructions of rectangles).

Construction of regular figures of 3, 4, 6 or 8 sides in or about a given circle.

Mensuration of triangles and simple rectilineal figures; finding their area by means of field book; application of formulæ for length of circumference and for area of a circle in terms of its radius.

SCHEDULE B.

Angles at a point.

If a straight line stands on another straight line the sum of the two angles so formed is equal to two right angles; and the converse.

If two straight lines intersect the vertically opposite *angles* are equal.

Parallel straight lines.

When a straight line cuts two other straight lines, if—

(i) a pair of alternate angles are equal; or,

(ii) a pair of corresponding angles are equal; or,

(iii) a pair of interior angles on the same side of the cutting line are together equal to two right angles, then the two straight lines are parallel; and the converse.

Straight lines which are parallel to the same straight line are parallel to one another.

Triangles and rectilineal figures.

The sum of the angles of a triangle is equal to two right angles.

If the sides of a convex polygon are produced in order the sum of the angles so formed is equal to four right angles.

If two triangles have two sides of the one equal to two sides of the other, each to each, and also the angles contained by these sides equal, the triangles are congruent.

If two triangles have two angles of the one equal to two angles of the other, each to each, and also one side of the one equal to the corresponding side of the other, the triangles are congruent.

If two sides of a triangle are equal, the angles opposite to these sides are equal; and the converse.

If two triangles have the three sides of the one equal to the three sides of the other, each to each, the triangles are congruent.

If two right-angled triangles have their hypotenuses equal and one side of the one equal to one side of the other, the triangles are congruent.

If two sides of a triangle are unequal, the greater side has the greater angle opposite to it; and the converse.

Of all the straight lines that can be drawn to a given straight line from a given point outside it, the perpendicular is the shortest.

The opposite sides and angles of a parallelogram are equal, each diagonal bisects the parallelogram and the diagonals bisect one another.

If there are three or more parallel straight lines and the intercepts made by them on any straight line that cuts them are equal then the corresponding intercepts on any other straight line that cuts them are also equal.

Areas.

Parallelograms on the same or equal bases and of the same altitude are equal in area.

Triangles on the same or equal bases and of the same altitude are equal in area.

Equal triangles on the same or equal bases are of the same altitude.

Illustrations and explanations of the geometrical theorems corresponding to the following algebraical identities :—

$$k(a + b + c + \ldots) = ka + kb + kc + \ldots$$

$$(a + b)^2 = a^2 + 2ab + b^2.$$

$$(a - b)^2 = a^2 - 2ab + b^2.$$

$$a^2 - b^2 = (a + b)(a - b).$$

The square on a side of a triangle is greater than, equal to, or less than the sum of the squares on the other two sides, according as the angle contained by these sides is obtuse, right or acute. The difference in the case of inequality is twice the rectangle contained by one of the two sides and the projection on it of the other.

In any triangle the sum of the squares on two sides is equal to twice the square on half the base together with twice the square on the median which bisects the base.

Loci.

The locus of a point which is equidistant from two fixed points is the perpendicular bisector of the straight line joining the two fixed points.

The locus of a point which is equidistant from two intersecting straight lines consists of the pair of straight lines which bisect the angles between the two given lines.

The circle.

A straight line drawn from the centre of a circle to bisect a chord which is not the diameter is at right angles to the chord ; conversely, the perpendicular to a chord from the centre bisects the chord.

There is one circle and one only which passes through three given points not in a straight line.

In equal circles (or in the same circle)—(i) if two arcs subtend equal angles at the centres they are equal ; (ii) conversely, if two arcs are equal, they subtend equal angles at the centre.

In equal circles (or in the same circle)—(i) if two chords are equal, they cut off equal arcs; (ii) conversely, if two arcs are equal, the chords of the arcs are equal.

Equal chords in a circle are equidistant from the centre; and the converse.

The tangents at any point of a circle and the radius through the point are perpendicular to one another.

If two circles touch, the point of contact lies on the straight line through the centres.

The angle which an arc of a circle subtends at the centre is double that which it subtends at any point on the remaining part of the circumference.

Angles in the same segment of a circle are equal, and if the line joining two points subtends equal angles at two other points on the same sides of it, the four points lie on a circle.

The angle in a semi-circle is a right angle, the angle in a segment greater than a semi-circle is less than a right angle, and the angle in a segment less than a semi-circle is greater than a right angle.

The opposite angles of any quadrilateral inscribed in a circle are supplementary; and the converse.

If a straight line touch a circle, and from the point of contact a chord be drawn, the angles which this chord makes with the tangent are equal to the angles in the alternate segments.

If two chords of a circle intersect either inside or outside the circle the rectangle contained by the parts of the one is equal to the rectangle contained by the parts of the other.

The following books are suggested :—

For *Algebra*—

Ross: Elementary Algebra, Part I. *Longmans, Green and Co.*

BAKER and BOURNE: Elementary Algebra, Part I. *G. Bell & Sons.*

H. S. HALL: School Algebra, Parts I & II. *Macmillan & Co.*

In *Geometry*—

HALL and STEVENS: A Shorter School Geometry, Parts I and II. *Macmillan & Co.*

Parkinson and Pressland: A Primer of Geometry, Clarendon Press, Oxford (Indian edition). Rs. 1-12-0.

Pierpoint's Elements of Geometry.

For *Arithmetic*—

Grant's Advanced Arithmetic, Indian School Supply Depôt, Calcutta.

III.—HISTORY.

There will be two papers, each of three hours :—

(i) Indian History and Allied Geography, and

(ii) English History and Allied Geography.

Indian History.

Indian History in outline from the earliest time to the present day.

The following syllabus is suggested :—

I.—The influence of Geography on Indian History.

II.—Ancient India—

A. Vedic period till 600 B. C.

1. The Dravidians.

2. The Aryan immigration.

3. Character of culture—

(*a*) Vedic religion—outline.

(*b*) Vedic society—caste, woman.

(*c*) Literature—Veda (Brahman, Upanishad, Smriti).

B. Buddhist period 600—180 B. C.

1. Life and teaching of Buddha.

2. Mauryas, Asoka.
3. Culture—
   (*a*) Dharma.
   (*b*) Government.

C. Hindu period 180 B. C.—650 A. D.
1. Sungas, Kanvas, Andhras.
2. Yuechis, Kushanas, Kanishka.
3. Guptas—Samudragupta, Chandragupta, Vikramaditya.
4. Harsha.
5. Culture—
   (*a*) Religion—Puranas, Epic (toleration).
   (*b*) Literature—Kalidasa.
   (*c*) Art—Ajanta, Amaravati.

D. Rajput period 650 A. D.—1200 A.D.
1. The origin of Rajputs.
2. Rajput kingdoms, Chauhans, Chandels, Gaharwar (Rathor).
3. The South—Pandyas, Pawars, Cholas and Keralas.
4. The Deccan—Yadavas, Chalukyas, Rashtrakutas.

III. Medieval India—

A. Early Mediæval.
1. Life and teaching of Muhammad.
2. The Arab expansion.
3. The Turks and their kingdoms.
4. Turkish invasions—
   (*a*) Mahmud of Ghazni.
   (*b*) Muhammad Sahab-ud-din Ghori.
   (*c*) The Slave kings—Balban and Mongol invasions.
   (*d*) The Khiljis, Ala-ud-din, and conquest of the South.
   (*e*) The Tughlaks—Muhammad and Firoz—break-up of early mediæval empire.
   (*f*) Provincial principalities and invasion of Timur.
   (*g*) The Hindu Kingdoms of the South.
   (*h*) Culture.

Religion—Kabir.

Literature—Growth of Modern Indian Languages.

B. Later mediæval—

(*a*) 1. Sayyads and Lodis—Dissensions.

2. Babar and Humayun—Conquest and failure.

3. Sher Shah.

4. Akbar—Conquest and Consolidation.

5. Jahangir, Shahjahan—Prosperty.

6. Aurangzeb—

Religious Quarrels.

Conquest of the South.

7. Successors of Aurangzeb.

Decay of Empire.

(*b*) Mahrattas—Shivaji—The struggle with the Mughals—The Peshwas up to 1761.

(*c*) Sikh—Nanak and Guru Govind Singh.

(*d*) Early European settlements, 1600—1708.

1. Portuguese—Discovery of the route from Europe to India.

2. Dutch—Settlement in the Spice archipelago.

3. English—Embassies to Mughal emperors and establishment of factories.

4. French—Establishment of factories.

(*e*) Culture—

Religion, Bhakti Movement.

Art—Taj.

Literature 1. Hindi—Tulsidasa, Surdasa, Rahim, Malik, Md. Jaisi.

2. Urdu.

IV. Modern India—

A. 1. Struggle between the empire and the Mahrattas.

2. Break-up of the empire and the establishment of Subedars.

3. Sikhs—Ranjit Singh.

4. Mahratta and other Indian States.

B. 1. Struggle of the European Powers. The French and the British (1700—1763).

2. Struggle between the English and Indian Princes (1756—1774). Conquest of Bengal.

C. British rule, 1774—1857—

1. Warren Hastings—

(i) Regulating Act.
(ii) Internal difficulties.
(iii) Wars with the Indian rulers.

2. Cornwallis—

(i) The permanent settlement.
(ii) Wars with Indian rulers.

3. Wellesly—

(i) The subsidiary alliance system.
(ii) The French rivalry.
(iii) Wars and expansions of British territory.

4. Minto—

Embassies to Asiatic Powers.

5. Hastings—Nepal War, Mahratta wars.
6. Bentinck Reforms.
7. Auckland and Ellenborough—Afghan Wars.
8. Hardinge—Punjab War.
9. Dalhousie—Completion of dominions.

D. British rule, 1857—1919 —

(*a*) Wars and expansions.

1. Afghanistan.
2. Burma.

(*b*) Internal developments—

1. Constitutional, 1861, 1892, 1909, 1919.
2. Local Self-Government.
3. Education.
4. Justice.
5. Administration.

(*c*) National movements.—

1. Hindu reforms.
2. Muslim reforms.
3. Growth of Nationalism, Indian National Congress.

The following books indicating the scope and standard of knowledge required are recommended :—

1. *V. A. Smith.*—Oxford Students' History of India. (Clarendon Press, Oxford). Rs. 2.

2. *R. D. Banerji*—History of India (The Book Co., College Square, Calcutta).

3. *Thompson.*—History of India (Christian Literature Society, Madras).

4. *Har Prasad Shastri.*—History of India (Blackie).

5. *Hoernle and Stark.*—A History of India (Orissa Mission Press, Cuttack).

6. *E. B. Havell.*—A Short History of India (Macmillan & Co.)

7. Students' Atlas of Indian History (Macmillan).

English History.

English History in outline from 1485 *A. D. to* 1914.

The following syllabus is suggested :—

I.—The influence of Geography on English History—

II.—History of England, 1485—1688—

A.—Introductory to 1485—

(*a*) Growth of Parliament.
(*b*) Evolution of commerce and industry.
(*c*) Social changes.
(*d*) Relations with European countries, especially France.

B.—Tudors, 1485—1603—

(1) Monarchy and Parliament.
(2) Religious evolution.
(3) Growth of Commerce.
(4) Discoveries and beginning of colonial and sea power.
(5) Relations with European Powers.

C.—Early Stuarts, 1603—1649—
(1) Monarchy and Parliament.
(2) Religion—Puritans and Anglicans.
(3) Commercial and Colonial expansion.
(4) Civil War.

D.—The Commonwealth, 1649—1660—
(1) Cromwell—
(*a*) Scotland and Ireland.
(*b*) European powers, navigation laws.
(*c*) Religion—Growth of Puritans.
(*d*) Parliament.

E.—Later Stuarts, 1660—1688—
(1) Parliament—
(*a*) Parties.
(*b*) Cabinet.
(2) Relations with European Powers—France and Holland.
(3) Colonial and Commercial expansion.

III.—Constitutional Government, 1688—1919—

A.—William and Mary and Anne, 1688—1714.
(1) Bill of Rights.
(2) Parliament—
(*a*) Whigs and Tories.
(*b*) Cabinet.
(3) Affairs of Ireland.
(4) Relations with European Powers and growth of Colonial Powers.

B.—Early Hanoverians, 1714—1763—
(1) Walpole, Pitt.
(2) European Wars.
(3) Colonial expansion.

C.—Later Hanoverians, 1763—1830—
(1) Industrial Revolution.
(2) American Revolution.
(3) French Revolution, Wars with France.
(4) Ireland—Union.

D.—Rise of Democracy (1), 1830—1885—

(1) Reform, 1830, 1867, 1885.

(2) Relation with Europe—

Crimean War; England and Russia.

(3) Imperial development.

(2) 1885—1919.

(1) England and Russia.

" " Germany.

" " Empire.

(2) Ireland.

(3) Internal developments—

(*a*) Parliament.

(*b*) Commerce and Industry.

The following books indicating the scope and standard of knowledge required are recommended :—

1. S. R. Gardiner.—A School Atlas of English History. (Longmans, Green & Co.).

2. Ed. J. S. Lay.—The English People (Macmillan).

3. Oman.—Junior History of England (Arnold).

4. S. R. Gardiner.—Outline of English History (Longmans, Green & Co.).

5. T. F. Tout.—A History of Great Britian, Book II. (Longmans, Green & Co.)

6. Kerr and Rushbrook Williams.—Growth of the British Empire (Longmans, Green & Co.).

7. Macmillan's Atlas of the British Empire.

8. Guest, G.—Outlines of British History (Oxford University Press, 1922). 2*s.* 6*d.*

9. Pupils' Study Book of English History by J. T. Mulley, Books II, III and IV, published by E. J. Arnold and Sons.

or

Geography.

There will be two papers, each of three hours' duration, as follows :—

Paper I—General Geography of the World outside of India (sections I and II of the syllabus).

Paper II—India and its world relations (section III of the syllabus).

Syllabus.

I. (*a*) Shape of the Earth; rotation and revolution; latitude and longitude; simple map projections; duration of day and night; seasons.

(*b*) Outlines of the relief and drainage of the lands and the nature and origin of the chief land-forms, including coastal configuration.

(*c*) The atmosphere. Weather and climate. Seasonal distribution over the globe of insolation, temperature, pressure, and rainfall. Winds; Ferrel's law, Buys Ballot's law, cyclones and anti-cyclones. Climatic regions.

II. (*a*) The world treated according to its major natural regions. The knowledge of the principles of physical geography and of the geographical distributions should be applied to the study *in outline* of the major natural regions of the world.

(*b*) The influence of his environment on man, his activities, his industries; exchange of commodities; communications; growth of towns.

III. Geography of India in fuller detail. Its relations, physical and climatic, with contiguous areas; and its commercial relations with the world in general.

Books recommended :—

The world in outline (Indian Press, Allahabad). Re. 1.

Herbertson.—Junior Geography (Oxford University Press). 3*s*. 6*d*.

Herbertson (F. D.).—Elementary Geography, Vol: Physiography. 2*s*.

L'Estrange.—Junior Course of Comparative Geography (George Philip & Son, 32, Fleet Street, London). 3*s*. 6*d*.

Morrison.—Junior Geography of India, Burma and Ceylon (T. Nelson & Sons, London). 12 annas.

Morrison.—New Geography of the Indian Empire and Ceylon (Nelson). Re. 1.

Indian School Atlas (Oxford University Press). Re. 1 annas 6.

Philip's Visual Contour Atlas for India.

Johnston's Indian New Era Atlas.

Books of reference for teachers:—

Herbertson: Senior Geography (Oxford University Press). 3*s*. 6*d*.

Mill.—International Geography (Macmillan). 12*s*.

Tar and McMurray.—World Geography (Macmillan). 5*s*.

Chisholm.—Smaller Commercial Geography (Longmans). 3*s*. 6*d*.

Lyde.—Man and His Markets (Macmillan). 2*s*.

Herbertson.—Man and his Work (Blackie). 1*s*. 6*d*.

Davis.—Physical Geography (Ginn). 5*s*. 6*d*.

Mill.—Elementary Realm of Nature (Murray). 5*s*.

Leonard Brooks.—New Regional Geographies. Books I, II and III.—London University Press.

F. G. French and L. Dudley Stamp.—The Indian Empire, Part I.—Longmans, Green & Co.

H. Mackay.—The Oxford Picture Geographies—Mountains and Plains, Rivers, the Coast, published by the Oxford University Press.

Unstead and Taylor.—Essentials of World Geography (Philip). 2*s*.

Books recommended for general reading for boys :—

Leonard Brooks.—New Regional Geographies, Book IV.—London University Press.

W. H. Barker and L. Brooks.—Junior Regional Geographies, Book III, London University Press.

C. Morrison.—Our World (Macmillan's.)

Lyde.—Man on the Earth (Blackie.)

High Roads to Geography (Nelson).

Lands and their Stories (Blackie).

Peeps into Many Lands (Black).

IV.—INDIAN VERNACULAR (HINDI, URDU, BENGALI, ETC.).

There will be two papers each of three hours in each of these languages—one paper will be set in Prose Text and Unseen, and the other in Poetry Text and Composition. Grammatical questions will be set in both the papers. The ability of the Urdu candidates to read *shikast* will be tested by means of a paper set for the purpose.

The following are the text-books prescribed :—

Hindi.

1. Tulsidas Ajudhia Kand Ramayan, edited by Ram Ratan and Pandit Chandra Hans Sharma (Ratnashrama, Agra). Price, 12 annas.

2. Abhigyan Shakuntala Natak, by Raja Lakshman Sinha (in prose and verse). Published by the Ratnashrama, Agra

or

Hindi Selections in Prose and Poetry, published by Ram Dayal, Agarwala, Allahabad.

3. Sankshipt Hindi Vyakarana, compiled by Pandit Kamta Prasad, and published by Nagri Pracharini Sabha, Benares.

Urdu.

1. Guldasta-i-Adab, by P. Manohar Lal Zutshi (Indian Press, Allahabad).

or

Kyaban Urdu, published by the Indian Publishing House, Allahabad.

2. Nisab-i-Jadid, by Maulvi Mahdi Husain Nasiri, published by M. Jalal Uddin, proprietor of Anwar-i-Ahmadi Press, Allahabad.

3. Qawaid Urdu, by Jamaluddin Haidar, published by Ram Dayal Agarwala, Allahabad.

For *Shikast*, the book recommended is—

Majmua-i-Khatt-i-Shikast, by M. A. Siddiqui. published by the Indian Publishing House, Allahabad.

Bengali.

1. Sitar Vanabasa, by Pandit Ishwar Chandra Vidyasagar (Prose).

2. Katha-o-Kahini, by Rabindra Nath Tagore (Poetry).

3. Mahabharatiya Niti Katha in Bengali, parts I and II, by Rajendra Nath Kanji Lal, 3, Madan Mittra Lane, Calcutta. *Rajendra Chandra Ghosh, 38, Cornwallis Street, Calcutta.* 12 annas each. (Recommended for rapid reading—Unseen.)

4. Bhasha Bodh Vyakaran by Nakuleshwara Vidyabhusan. Re. 1 (recommended).

Marathi.

1. Keshavsut—Yancha—Kavita Sangrahawa Charitra, published by Sita Ram Keshva Damle and printed by the Chitrashala Press, Poona city, price Re 1-8-0.

2. Gad Ala Pan Sinha Gela—by Hari Narain Apte, published by the Arya Bhushan Press, Poona city. Price, annas 8.

3. Swami Vivekanandachin Patren, published by the Manoranjak Granth Prasarak Mandali, Bombay. Price, annas 4.

Grammar—R. B. Joshi's *Marathi Grammar*—"Praudhabodha."

Recommended for the use of teachers—

Marathi Grammar, by M. K. Damle. Published by the Indraprakash Press, Bombay.

Gujarati.

Paper I, Prose.—Karanghelo, by Nandshankar Tuljashankar, published by Gujrati Publishing Press, Bombay. Price, about Re. 1.

For *unseen*—The following book is recommended for rapid reading:—Balavila, by M. M. Dwivedi.

Paper II, Poetry.—Sudama Charitra, by Premanand, edited by Manjulal Ramchhod Lal Majumdar of Baroda.

For Grammar the following book is recommended :—
Madhyama Gujrati Vyakarana, by R. B. K. P. Trivedi.

B.—Optional Subjects.

I.—CLASSICAL LANGUAGES.

There will be two papers each of three hours in each of these languages—the first paper will be in the prescribed texts and grammar, and the second paper in Translation, Composition, and Unseen.

Syllabus.

(a) Sanskrit.

Paper I.—(*a*) *Text-books.* (1) Mitra-labha (Hitopadesha) and (ii) Bhartrihari—Nitishataka.

Notes—1. The edition of Hitopadesha and Bhartrihari—Nitishataka, published by the Indian Press, Limited, Allahabad, or that of the Nirnaya Sagar Press, Bombay, is recommended. Any objectionable passages may be omitted by teachers.

2. The students should be taught to understand the passages with context and the substance, and to learn the analysis of compound sandhis and the prose order of the poetry pieces.

(*b*) *Grammar.*—Simple sandhis. Declension of nouns and pronouns of frequent occurrence. Conjugation of verbs of frequent occurrence in all classes but omitting those of adadi (अदादि), rudhadi (रुधादि), juhotyadi (जुहोत्यादि), and kryadi (क्रयादि) classes in लट्, लोट्, लङ्, विधिलिङ् and लृट् only.

NOTE.—Questions on Grammer exclusivoly shonld be asked from the prescribed books, as far as possible, and should carry about one-third of the total marks.

Books recommended in Grammar—

1. First Book of Sanskrit by Bhandarkar.
2. R. K. Banerjee's Sanskrit Grammar.
3. Shanskrit Teacher, by K. P. Trivedi.
4. Sanskrit Prathama Pustaka, by Professor Ram Bihari Lal, D. A.-V. College, Cawnpore.
5. Upakramanika, printed by Khadgavilas Press, Bankipore.
6. Vigyan Dipika, by Pandit Sadashiva Shastri.
7. Sanskrit Vyakarana Bodha, by Pandit Kanhaiya Lal Shastri, published by Ram Dayal Agarwala, Allahabad.

Paper II.—Translation Composition and Unseen:—

(*a*) Selected passages from books recommended for rapid reading and from others of equal difficulty for translation into the vernacular of the candidate; (*b*) substance of easy passages from the abovementioned books to be expressed in Sanskrit; and (*c*) translation of easy English prose sentences into Sanskrit.

Book recommended for rapid reading.—

Kusum-mala Part I, by V. S. Apte.

***N.B.*—Sanskrit must be written in the Devanagari character.**

(b) Arabic

Prescribed course—

Paper I (*a*)—*Text.*—Majani-ul Adab, by Luis Shaikhu. Recommended abridged edition as published by Anwar Ahmadi Press, Allahabad.

(*b*) *Grammar*—Mabadi-ul Arabia مبادي العربية by Shartuni, Urdu edition, edited by Maulvi Izzat Ullah (the Majidi Press, Cawnpore).

N. B.—Questions on Grammar exclusively should be asked from the prescribed books, as far as possible, and should carry about one-third of the total marks.

Paper II.—Translation, Composition, and Unseen :—

(*a*) Selected passages from books recommended for rapid reading and from others of equal difficulty for translation into Urdu ; (*b*) substance of easy passages from the above-mentioned books to be expressed in Arabic ; and (*c*) translation of easy English prose sentences into Arabic.

Book recommended for rapid reading مدارج القراءة (Anwar Ahmadi Press, Allahabad).

NOTE.—Arabic words must be written in the Arabic character.

(c) Persian.

Prescribed course—

Paper I(*a*).—Text—

Prose.

1. Gulistan سبب تاليف كتاب, Chapter I up, to story42 and Chapter IV up to story 12.

2. تحفهٔ عالم by Abdul Latif Shustari احوال إنگلستان pages 291—306.

3. Anwar Sahaili انوار سهيلي by ملا حسين واعظ كاشفي Chapter I, up to جان من خود كردهٔ خود كردهٔ را تدبير نيست

Poetry.

1. Bostan بوستان Chapter I, first 48 stories, Chapter II first 35 stories, Chapter VI Introduction, Chapter VII first 5 stories, Chapter VIII first 4 stories, Chapter IX first 4 stories, Chapter X.

2. Aiynai Sikandari, by Khusru خسرو

1. Ode هر آن يار جاني بود up to گر آسايشے خواهی از روزگار

2. Ode چه بايد up to اگر دانشے داري اے نيک راے هر آراستن منزلے

3. 24 Rubayat Umar Khyam per selection.

Recommended the selections of the above by Anwarul Matabay, Victoria Street, Lucknow.

(*b*) *Grammar*—Qawaid Farsi Amali قواعد فارسي عملي by M. Ishaq Ali (Indian Press, Allahabad).

N.B.—Questions on Grammar exclusively should be asked from the prescribed books, as far as possible, and should carry about one-third of the total marks.

Paper II.—Translation, Composition, and Unseen :—

(*a*) Selected passages from books recommended for rapid reading and from others of equal difficulty for translation into Urdu ; (*b*) substance of easy passages from the above-mentioned books to be expressed in Persian ; and (*c*) translation of easy English prose sentences into Persian.

Books recommended for rapid reading :—

إنتخاب جديد فارسي by قدرت‌الله بيگ راد published by the Oriental Publishing House, Lucknow, or Ayar Danish عيار دانش as published by the Anwar Ahmadi Press, Allahabad. 7 annas.

Students who offer Persian are required to have such a knowledge of the etymology of the Arabic language as will enable them to explain all Arabic words and phrases which may occur in the text-books and in the books recommended for rapid reading in Persian.

NOTE.—Persian words must be written in the Persian character.

(d) Latin.

Paper I.—Prescribed prose and poetry.

Text-books.

Cæsar : De Bello Gallico, Book IV.

Livy : Hannibalian War, Selections from Books XXIII and XXIV (Macmillan).

Virgil: Æneid, Books II and IV.

(*b*) *Grammar.*—Gildersleeve's Latin Grammar or Allen's Latin Grammar is recommended.

N.B.—Questions on Grammar exclusively should be asked from the prescribed books, as far as possible, and should carry about one-third of the total marks.

Paper II.—Translation, Composition, and Unseen :—

(*a*) Selected passages from books recommended for rapid reading and from others of equal difficulty for translation into the vernacular of the candidate; (*b*) substance of easy passages from the abovementioned books to be expressed in Latin ; and (*c*) translation of easy English prose sentences into Latin.

II.—COMMERCE.

The examination will consist of two papers, each of three hours :—(*a*) one paper on Business or Commercial Practice and (*b*) one paper on either (i) Type-writing or (ii) Book-keeping.

The following is the syllabus in each subject :—

Business or Commercial Practice.—Office routine—Drafting simple business and official letters , preparation of telegrams and cablegrams, including a knowledge of simple codes. Docketing, filing, copying, and despatch of letters. Ordinary postal regulations, use of postal forms, such as Money Order, V.-P. P. Acknowledgment, Registration, and Insurance forms. Post Office Savings Bank Accounts. Telephone. Simple duplicating and other labour-saving appliances.

Meaning of ordinary commercial terms and abbreviations. Preparation of simple commercial documents, such as indents, invoices, bills of exchange, promissory notes, statements of account. Nature and use of Bills-of-Lading and railway receipts. Simple banking transactions, involving the nature and use of cheques, deposit slips, and pass books.

Book recommended :—

Extracts from Business Methods and Correspondence, by Arthur Fieldhouse.

Typewriting.—There will be no practical examination on the typewriter, but only a theory paper of two hours' duration involving questions on—

* (*a*) the mechanical construction of the typewriter ;

(*b*) care of the machine ;

(*c*) display of matter, including headings and titles, centering, contractions and abbreviations; hyphenation ; punctuation ; stencil-cutting ; adaptation of one or more characters to represent characters not given on the keyboard ; corrections ; erasures.

There will also be a second paper of one hour's duration consisting of type-copying of three manuscripts.

Book recommended :—

Expert Typist, by J. A. Rosemond, Methodist Publishing House, Lucknow, or Smith's, Pitman's, or Remington's Manual.

Book-keeping.—Elementary theory of double entry book-keeping. Preparation and keeping of the Cash Book, Bought and Sold Books, Returns Books, Bills Receivable and Bills Payable Books, Journal and Ledger ; recording therein simple transactions involving purchases and sales, bills receivable and payable, real, personal and nominal accounts, such as rent, salaries, interest, discounts, bad debts, and depreciation. Drawing up the Trial Balance. Closing the Ledger, and preparing Trading and Profit and Loss accounts, and balance-sheet. Simple banking transactions involving the nature and use of cheques. Deposit

* Questions on the mechanism of the typewriter will be of a general nature so that students who are acquainted with the mechanism of any of the more popular typewriting machines will be able to answer the questions (*vide* G. L. no. B -277²/VI—3, dated September 15, 1924, from the Secretary of the Board).

slips and Pass Book, and preparation of Bank Reconciliation Statements. The nature and use of Bills of Exchange and Promissory Notes. Petty Cash and Imprest Systems.

Book recommended :—

Elementary Book-keeping, by Arthur Fieldhouse, published by Simpkin, Marshall & Co., Limited, London, E.C., 4.

III.—SCIENCE (PHYSICS AND CHEMISTRY).

The examination will consist of two papers—one in Physics and one in Chemistry, each of three hours.

Physics.

SYLLABUS.

Definition of Physics and Chemistry—Measurements of length, area, volume, mass, and weight, the balance. Density, specific gravity. Principle of Archimedes. The three states of matter. Pressure of air. Simple barometer.

Heat.—Expansion of solids, liquids, and gases, temperature, thermometers, melting and boiling points, conduction, convection, and radiation. Unit of heat, specific heat, change of state, latent heat. Easy calculations.

Light.—Rectilineal propagation of light. Reflection, refraction, plane concave, convex mirrors, concave and convex lenses and prisms. Position of object and image with easy calculations. Dispersion.

Magnetism.—Attraction and repulsion, magnetization, terrestrial magnetism, magnetic meridian. The compass.

Electricity.—Electrification by friction. Properties of a charged body. Conductors and insulators. The electroscope. Induction. The electrophorus. A simple cell, simple forms of primary cells, arrangement of cells in series and parallel, magnetic and heaving effect of a current. The simple galvanoscope, simple explanation of the telegraph, the electric bell, electric-light.

Practical Work.

The following list of experiments indicates the minimum amount of practical work required to be performed by students. Other experiments of equal educational value

may be substituted. The experiments should be performed individually as far as can be arranged. The teaching of theory should be fully illustrated by experiments and demonstrations are to be considered an essential part of the teacher's work.

NOTE.—A chart giving a list of the experiments to be performed and the date on which each student completes each experiment should be maintained and hung in the laboratory at each school recognised in Science (*vide* G. L. no. B/3149—3300/V—36, dated December 21, 1925, from the Secretary of the Board.)

General.—Determination of the relative density of—

(*a*) bodies which float in water;

(*b*) bodies which sink in water;

(*c*) liquids.

Determination of the radius of a wire by Archimedes' Principle.

Determination of the Internal radius of a narrow tube.

Light—Reflection at a plane mirror.

Focal length of a concave mirror.

Refraction through a prism.

Refractive index of glass and water.

Focal length of a convex lens.

Heat.—Cooling curve of water, and wax or napthalene.

Determination of the water equivalent of a calorimeter.

Determination of Specific Heat.

Determination of the Latent Heat of Ice.

Determination of the Latent Heat of Steam.

Magnetism.—Mapping out lines of force by a small magnet.

Determination of the direction of the Magnetic Meridium.

Electricity.—Charging an electroscope by Conduction and Induction.

The magnetic effect of a current on a magnetic needle.

The electro-magnet.

The following books on Physics are recommended for teachers' reference library :—

Every Day Physics, by H. E. Hadley. Macmillan & Co., Rs. 4.

A class book of Physics, by R. A. Gregory and H. E. Hadley. Macmillan & Co. Rs. 3-12.

A Course of Physics, by Charles H Draper. Blackie & Sons. Rs. 3-12.

Chemistry.

Definition of chemistry.

Common properties of matter—Hardness, porosity, brittleness, solid, liquid, and gaseous states. Change of state. Melting and boiling points.

Crystalline shape. Effect of heat on common things.

Solution in water. The above to be studied with Nacl, KNo_3, $CaCo_3$, Na_2Co_3, $CuSo_4$ $5H_2O$, $FeSo_4 7H_2O$, $ZuSo_4$ $7H_2O$, Fe, Zn,. Sn, Mg, Pb, Hg, P, S, Shellac and linseed oil.

Solution, melting, evaporation, distillation, filtration, solution in water and alcohol. Slow and rapid evaporation, saturated solutions. Crystallization studied from solutions in water and of melted sulphur. Distillation of water, mixtures immiscible liquids. Elementary and compound substances. Non-metals and metals. Chemical symbols. Chemical action, the laws of definite proportion, atoms, molecules, atomic and molecular weights, valency, relation between equivalent and atomic weight. Simple formulæ and equations.

Study of air—Rusting of metals, oxidation, active and inactive gases in air. Burning of phosphorus. Meaning of combustion, slow and rapid combustion studied with iron, magnesium, and phosphorus.

Oxygen gas; prepared from oxide of mercury, and potassium chlorate. Important properties of oxygen gas.

Acidic and basic oxides, acids, bases and salts.

Preparation and properties of the following :—

Hydrogen, Nitrogen, Ammonia, Chlorine, Hydrochloric acid, Nitric acid, Carbon dioxide.

Carbon—Properties and varieties.

Action of carbon dioxide on animal and plant life.

Sulphur—Properties and varieties.

Preparation and properties of sulphur dioxide and sulphuric acid, their preparation treated in a very elementary manner—sulphur dioxide by burning sulphur in air and by the action of hydrochloric acid on calcium sulphite and sulphuric acid by the action of nitric acid on sulphur dioxide and water.

Study of water—Action of steam on red-hot iron filings.

Action of sodium on water. Action of magnesium on steam. Electrolysis of water.

NOTE.—1. The detailed course given below indicates the minimum amount of practical work required to be performed by students and suggests a method of treatment of the syllabus for the guidance of teachers. They may substitute other experiments of equal educational value. Practical work should be co-ordinated with the theoretical work and follow it consecutively as far as possible. The practical experiment should be performed individually so far as can be arranged.

2. A chart giving a list of the experiments to be performed and the date on which each student completes each experiment should be maintained and hung in the laboratory of each school recognised in Science (*vide* G. L. no B3149-3300/V-36, dated December 21, 1925, from the Secretary of the Board).

The use of stencils in answering papers in science is not allowed.

(Classes IX and X.)

Classes IX and X will have six periods of Science per week—for at least 27 working weeks; this gives a total of 162 periods in class IX :—

Subject	Detailed syllabus	Minimum list of experiments which should be done by the pupils individually.
Chemistry .	Effect of dissolved substances on boiling point.	To find B. P. of solutions of calcium chloride. Solution of different strengths.

Subject.	Detailed syllabus.	Minimum list of experiments which should be done by the pupils individually.
Chemistry	Distillation Purification of water.	To bend tubes, bore corks, set up apparatus for distillation, and find B. P. before and after distillation.
	Elements and compounds	To examine the elements—sulphur, copper, lead. mercury, zinc. To examine the compounds, ferrous sulphate, copper sulphate, lead oxide; mercury oxide and regain the elements where possible.
	Metals and non-metals, properties :—	
	The atmosphere. Combustion, active and inactive air.	Burning a candle in a bell jar. Repeat with sulphur, phosphorus. To measure the proportion of air used up when a substance burns in air.
	Rusting	To show iron will not rust in dry air. To measure the air used up when iron rusts in air.
	Increase in mass in rusting and burning.	To show increase in mass when magnesium and iron burn in air and when iron rusts in air—when a candle burns in air.
	Explanation of above Introduction of terms "Oxygen" and "Nitrogen"	
	Oxygen	Preparation from mercuric oxide and potassium chlorate in small quantities and on large scale from manganese dioxide and potassium chlorate, its properties. To show loss in mass when potassium chlorate is heated
	Metals and non-metals. *Oxide.*	Their basic and acidic properties.

Subject.	Detailed syllabus.	Minimum list of experiments which should be done by the pupils individually.
	Nitrogen. Its use in the atmosphere	Properties to find accurately percentage of nitrogen in air by pyrogallic acid. [Lecture-room]
	Water not an element ..	Action of sodium on water. Action of magnesium on boiling water. Action of steam on iron. Examination of oxide of iron formed. Increase in mass. Comparison with iron rust.
	Résumé of above. Introduction of term "Hydrogen."	
	Preparation of Hydrogen and its properties.	From zinc and sulphuric acid. What happens to the zinc. What happens when hydrogen burns in air. Explosion of hydrogen with air. Electrolysis of water and its composition by volume. Action of hydrogen on copper oxide when heated [Lecture-room.]
	Carbon	Properties and varieties.
	Demonstration lesson Carbonic acid gas Chalk.	Formation when carbon or carbonaceous matter burns in air. Effects of acids on chalk. Examination of the gas; properties of gas obtained by effect of strongly heating chalk Examination of lime; difference between properties of chalk and lime; loss in mass on heating chalk
	Résumé of above. Animal and plant life.	Formation of oxygen by plants.
	Chlorine gas	Preparation from manganese dioxide and hydrochloric acid. Its properties.
	Hydrochloric acid gas ..	Preparation from sodium chloride and sulphuric acid. Its properties.

Subject.	Detailed syllabus.	Minimum list of experiments which should be done by the pupils individually.
	Ammonia gas.. ..	Preparation from ammonium chloride and quicklime. Its properties.

NOTE.—In class X time is left for revising the whole course in preparation for the High School Examination.

The books *recommended* for use in Chemistry are—

Chemistry for Indian Schools for Standards IX and X, by E. G. Hill, Professor of Chemistry, Muir Central College, Allahabad. *Indian Press, Allahabad.* Re. 1.

Physics and Chemistry for Secondary Schools in India, Parts III and IV, in one volume. *Macmillan & Co.*, 1918 Re. 1-8.

An Elementary Chemistry for Indian Schools, Parts I and II, by K. C. Bhattacharya, M.Sc., L.T. *(Indian Press, Limited, Allahabad).* Price Rs. 2.

* Books *recommended* for the use of teachers :—

Practical Chemistry, volumes 1 and 2, or Standard VII of High Schools in the Bombay Presidency, by H. E. H. Pratt. 6 annas. } *Oxford University Press, Bombay.*

Holmyard's Elementary Chemistry, published by Arnold.

Gregory and Hodges : Experimental Science for Indian Schools. (Macmillan).

K. Kumar: Chemistry for Classes IX and X (Bhargava, Chandausi.)

IV.—AGRICULTURE.

The examination will consist of two papers of three hours each.

* In connection with the books recommended for the use of teachers in this Prospectus it should be noted that there is in addition a number of books approved for the use of teachers generally (*vide* list of books approved for the use of teachers of Anglo-Vernacular and Vernacular Schools, dated July 31. 1916, and its supplements issued annually).

The first paper will be on the subject-matter in the syllabus up to and including sub-section (5)—Tillage; and the second paper on the remaining portion.

SYLLABUS.

(1) *Climatology*.—Weather and seasons in the country and in the provinces.

(2) *Soils*.—Soil-forming processes; Weathering, Solution, Plants and Animal agencies.

Classification of soils.—Local classification—Clayey, Loam, Sandy, Concretionary, Saline, Silt, Goind, Ahar, Uparhar.

Mechanical analysis of soils.—Determination of Stones, Gravels, Moisture, Humus, Sand and Clay.

Texture of soils.—Arrangement of particles of soil; Specific gravity; Pore space; Surfaces exposed; Number of particles in a unit volume; Plasticity, Cohesion, Forces of facilitating granulation.

Organic matter in the soils.—Its sources and distribution. Decrease of organic matter. Estimation of organic matter. Its effect on soil. Its maintenance.

Soil water.—Its forms, its movements. Factors affecting hygroscopic, capillary, and gravitational water.

Control of soil moisture.—Run-off losses; Percolation; Evaporation. Methods of checking the same; Mulching, Ploughing, Rolling, Shelter, Plants.

Soil heat.—Relation of heat to germination and growth. Sources of soil heat. Factors affecting soil temperature.

Absorptive power of soils.—Effect of colour. Effect of texture and structure on heat. Radiation, Convection, and Conduction. Absorptive power of soils in relation to gases, and solutions. Nature and properties of *sub-soils* in relation to soils.

(3) *Irrigation and Drainage*—

Water requirements of plants.—Factors affecting transpiration. Wilting point. Optimum moisture for plant growth. Conserving of moisture.

Sources of water of irrigation.—Rain, its annual and seasonal variations; Ice, Frost, Snow, Dew, Hail, Wells (spring and percolation), Rivers, Canals, and Tanks.

Types of water lifts.—Persian Wheel, Chain Pump, Hand Plunger Pump, Charsa, Baldeo Balti.

Distribution of water.—Flow systems; Pacca and Katchha channels; Planning and laying-out of irrigation drains.

Drainage.—Earth bunds, Conditions making drainage necessary, Types of soils requiring drainage, Situation requiring drainage, Possible relation between irrigation and drainage.

(4) *Manures and manuring.*—Farm-yard manure, Fermentation, Application; Feeding for manuring; Special manures, i.e., Bones, Potash Nitrate, Oil-cakes, their manurial properties and application; Green manuring, important plants that can be used, their method of application.

(5) *Tillage.*—Objects of Tillage and description of principal implements of tillage :—

(*a*) Ploughs. | (*c*) Cultivators.
(*b*) Harrows. | (*d*) Harvesting Machines.

(6) *Plant.*—Utilization of plants and plant parts of the crops of the provinces.

General description of a plant and its parts and the functions of each.

Plant nutrition, Growth, Substances necessary for plant growth, Sources of those substances, Storage and movements of food materials.

Reactions of the plant to moisture, light, and gravity.

General idea of flowers and their parts, Pollination, Different methods of pollination.

Fruits and seeds.—Their general structure and their functions. Length of life of seeds. Conditions necessary for their germination, Selection of seeds and their storage.

(7) *Farm Crops.*—Preliminary cultivation, sowing, weeding, manurial requirements, harvesting, storage, and marketing of the following crops :—

Wheat, barley, gram, peas, rice, maize, jawar, pulses, cotton, flax, sannai, ambadi, potatoes, sugarcane, tobacco, vegetables.

(8) *Farm Animals.*—Buffaloes, cows and oxen, their care and maintenance. Determination of age of animals—goats, sheep, and poultry.

(9) Patwari papers, their use and maintenance.

Candidates are required to maintain note-books of all work done, both theoretical and practical. These note-books should be inspected periodically and initialled by the teachers. These note-books may be called for at the time of the examination.

Candidates will undergo the following course of practical work in connexion with the above syllabus :—

1. Each student is required to keep records of the following facts noted in the school observatory :—

(*a*) Rainfall.

(*b*) Maximum and minimum temperature of air in shade.

(*c*) Wind directions and velocities.

(*d*) Amount of clouds and their directions.

(*e*) The time of occurrence of frost, fog, hail, dust storm.

(*f*) Afternoon temperature of black soil, light coloured soil, ploughed soil, rolled soil, and mulched soil.

2. Separation of stones, gravel, and fine soil by sieve.
Separation of sand and clay by sedimentation.
Determination by ignition of moisture and humus in soil.
Specific gravity of soils and pore space.

Weight of different soils in unit volume.

Organic matters in soil and sub-soil, its power of absorbing moisture.

Weight of water absorbed by soils, from a saturated atmosphere.

Amount of percolation of water in a unit of time through sand, clay and loam.

Classification of soils as Domat, Matyar, Balwar by sight.

3. Amount of water taken out in one hour by the different water lifts in use.

Amount of water discharged on fields by Katchha, Pacca, and puddled channels.

4. Results of applications of green manuring, farmyard manure, oil-cakes, ground bones, bone ash, potash nitrate applied to school garden plots.

5. Handling of farm implements, their use and special designs.

6. Drawings of different parts of plants grown on the farm.

7 Records of notes of cultivation of at least one Kharif crop, one Rabi crop, one Garden crop from the time of preparation of seed bed to marketing, actually attended to by the candidate.

8. Practical determination of age of farm animals.

Drawing up of descriptions of local breeds of farm animals.

Recognition of different feeding stuffs.

Lay-out of stables from sanitary point of view.

Books recommended:—

1. Meston Readers, Parts 1 to 3, by K. S. M. Quyun.
2. Krishi Shastra or Ilm Zarayat, by Mr. Tej Shanker Kochak.
3. Notes on Poultry-keeping in India, by Mrs. A. K. Fawkes.

4. Tisdale's books on Dairying.
5. Monthly Journals, Leaflets, and Bulletins issued by the United Provinces Agricultural Department.
6. Lessons in Indian Agriculture by D. Clouston. Macmillan & Co., Ltd.
7. Rahber Zarait, by T. S. Kochak, published by the author. Price, Rs. 2-8-0.

V.—DRAWING.

The examination will consist of two papers of three hours each ; the first paper on Free Arm Drawing and the second paper on Geometrical Drawing.

Syllabus.

Free Arm.—This should be in Pastel, and should comprise common objects from nature.

The Round.—Such as Orange, Mango, Apple, Tomato, Lichi, Melon, Peach ; Hockey and other Balls, Nutmeg, Walnut, etc.

The Cylindrical—Such as Flower-pot, Household Utensils, Degchies, Cups, Saucers, Surahi, Bowls, Tumblers, Lotas, Bottles of kinds, Ink-pots, Gloy Bottle, Paper-weight, Candle stick, etc.

The Rectilinear.—Open Book, Cigar and Cigarette Boxes, Match Box, Attaché Case, Cash Box, Flags, etc.

Miscellaneous.—Hockey Sticks, Cricket Bat, Tennis Racket, Mallet, Hammer, Screw Driver, Chisels, Padlock, Key, Scissors, Knives, Hatchet, etc.

Nature Study.—Sample flowers and Leaves of all sorts, Butterflies, Beetle, etc.

The above outline which is but suggestive should be in Pastel on Tinted Paper and will involve instruction in the art of Blending Colours, Colour Harmonies, Colour Schemes, and Shadows.

Text-books recommended :—

Pastel work for the standards, 3 volumes, author A. G. Tompkins, Publishers, Messrs. Isaac Pitman & Sons, London, Bath and New York. Price, Rs. 3 each vol.

Materials.—Pastels, Paper, etc. (Reeves). Obtainable from Messrs. J. N. Navalakhi & Co. Kalbadevi Road, Bombay.

Geometrical Drawing.—(1) The theory and use of instruments especially of the protractor and Marquoise scale.

(2) Plain block-letter writing.

(3) The whole of practical plane geometry.

(4) Drawing to scale, viz., scale of chords ; diagonal scale ; plain scale ; comparative scales (to be done in ink).

Text-books recommended : -

Geometry Plane and Solid (Morris). Longmans, Green & Co., Bombay and London.

New School of Art Geometry (Gill), George Gill & Co., Minerva House, Warwick Lane, E. C., London.

Roorkee Drawing Manual (Veale), Roorkee Thomason College Book Depôt, Roorkee.

Materials.—School Geometry set (Reeves).

VI.—MANUAL TRAINING.

The examination will consist of one paper of three hours in Drawing and a practical examination of four hours in Woodwork.

SYLLABUS.

(1) *Woodwork*—

(*a*) A series of models, graduated in respect of the tool manipulations involved, to be made in wood from working drawings (drawn in plan, elevation, side-view, and conventional isometric projection) or

from a given pattern in wood; the construction of the models to involve the use of one or more of the following tools :—Jack plane, Try Square, Marking Gauge, Marking Knife, Smoothing Plane, Tenon Saw, Bevel, Screw Driver, Firmer Chisel, Hammer, Mallet, Bradawl, Nail Punch, Compass, Firmer Gouge, Gimlet, Frame Saw, Spoke Shave Brace and Bit, File.

The following joints at least should be included amongst the models :—

Half-lap, Housing, Mortise and Tenon, Half-lap Dovetail Box-Dovetail, Edge-Dovetail, Bridle.

(*b*) The care and maintenance in good working condition of the above mentioned tools, excluding the setting and sharpening of the saw.

(2) *Drawing*—

Drawing in plan, elevation and side-view of all models in the course and in conventional isometric projection of those of a rectangular shape.

NOTES.—1. A scheme drawn up on the above lines is given below. Teachers need not keep strictly to the particular model mentioned in this scheme, but if any changes in the models are made these should not involve changes in the new tool manipulations employed. The course should, if possible, be commenced in Class VII.

2. Attention is invited to the suggestions for teaching of Manual Training contained in Director of Public Instruction's Circular no. 2 of 1917-18.

* Books recommended for the *use of teachers* :—

The Teacher's Handbook of Seojd, by O. Salloman. *George Phillip & Sons.* 6*s*.

Manual Instruction, Woodwork, by J. C. Pearson. *George Phillip & Sons.* 6*s*.

---

* In connection with the books recommended for the use of teachers in this Prospectus it should be noted that there is in addition a number of books approved for the use of teachers generally (*vide* list of books approved for the use of teachers of Anglo-Vernacular and Vernacular Schools, dated the 31st July, 1916, and its supplements issued annually).

McDougall's Light Woodwork, by David Thomas. *McDougall's Educational Company, London.* 1*s.*

The Scholar's Woodwork Class-book, by T. W. Berry. *Cassell & Co., London.* 1*s.*

Practical Drawing, by T. S. Usherwood. *Macmillan & Co.* 2*s.*

Educational Handwork—Junior Course, by J. L. Martin and C. V. Manley. *Blackie & Son.* 1*s.* 6*d.*

Educational Handwork—Intermediate Course, by J. L. Martin and C. V. Manley. *Blackie & Son.* 1*s.* 6*d.*

Educational Handwork or Manual Training, by A. H. Jenkins. *University Tutorial Press, Burlington House, Cambridge.*

The " Self-help " Course of Woodwork Exercise, by E. J. Andrews. *Charles and Dible,* 10, *Paternoster Square, London.* 2*s.* net.

Table showing the tool manipulations involved in making the models of the course.

(* Indicates a new tool manipulation. + Indicates revision of a tool manipulation previously learnt.)

Serial number of tool manipulation.	Name of tool manipulation.	1 Preliminary (planing).	2 Preliminary (gouging).	3 Rectangular prism.	4 Square prism.	5 Prism with longitudinal cuts.	6 Prism with oblique cuts.	7 Wooden pattern (a).	8 Wooden pattern (b).	9 Wooden pattern (c).	10 Rhombus with chamfered edge.	11 Prism with inlaid pieces.	12 Match-box holder.	13 Name board.	14 Stool.	15 Round ruler.	16 Inkstand.	17 Lapped having joint.	18 Simple bracket.	19 Housing joint.	20 Letter rack.	21 Newspaper rack.	22 Mortising.	23 Book-stand.	24 Haunched tenoning.	25 Book rest.	26 Key-rack.	27 Half-lap dovetailing.	28 Towel rail.	29 Edge-dovetailing.	30 Hat-rack.	31 Box-dovetailing.	32 Box.	33 Paper-file	34 Paper-knife.	35 Bridle jointing.	36 Root-rack.	37 Mortise mitring.	38 Picture frame.	39 Butt jointing.	40 Set squares 45 and 60.	Number of times each tool manipulation occurs in the course.
1	Face planing	*		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	39
2	Edge	*	*	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	39
3	Gauging			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	39
4	Marking with knife			*	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	38
5	Sawing with tenon saw at right angles to the grain			*	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	37
6	End planing			*	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	38
7	Sawing with tenon saw with the grain						*																															9
8	Use of bevel						*			+	+	+		+	+				+	+			+		+		+	+		+					+			19
9	Use of screw-driver						*			+	+	+		+	+				+	+			+		+		+	+		+					+			20
10	Sawing through a face obliquely to the grain						*			+	+	+		+	+				+	+			+		+		+	+		+					+			21
11	Horizontal chiselling across the grain							*		+		+							+	+			+		+		+	+		+					+			10
12	,, ,, obliquely to the grain								*			+															+	+		+								6
13	Sawing through an edge obliquely to the grain									*					+				+																+	+		14
14	Vertical chiselling parallel to the grain										*		+	+				+						+	+	+									+	+		10
15	Chamfering with plane with the grain										*		+				+									+										+		6
16	,, chisel across the grain										*		+				+																					3
17	Vertical chiselling obliquely to the grain											*		+								+	+				+								+			9
18	Inlaying											*		+													+											8
19	Vertical chiselling at right angles to the grain												*	+	+		+	+	+	+	+	+	+	+	+	+	+	+		+					+	+		22
20	Horizontal chiselling with the grain												*	+	+		+		+	+			+				+			+								13
21	Boring with bradawl														*					+		+	+				+					+						9
22	Nailing															*						+											+						4
23	Use of compass															*		+					+				+			+								9
24	Modelling with jack plane															*														+								2
25	Filing															*											+			+								5
26	Gouging																+																					1
27	Stop chamfering																*																					1
28	Halving																	*																				2
29	Screwing																			*											+							4
30	Boring with gimlet																			*	+	+			+		+			+								9
31	Housing																				+	+									+							8
32	Frame sawing																					*					+											2
33	Spoke shaving																										+											2
34	Mortising																						*															3
35	Use of brace and bit																							*			+											2
36	Haunched tenoning																								*		+											2
37	Fixing hinges																									*				+								1
38	Glueing																											*										5
39	Half-lap dovetailing																												*		+							2
40	Edge-dovetailing																													*		+						2
41	Box-dovetailing																														*		+					2
42	Vertical gouging across the grain																															*						2
43	Concave and convex chiselling																																*					1
44	Bridle jointing																																	*				2
45	Mortise mitring																																		*			2
46	Rebating with chisel																																			*		1
47	Butt jointing																																				+	2
	Number of tool manipulation in each exercise	2	1	6	6	7	9	7	10	11	10	13	11	14	13	9	14	12	14	9	13	21	11	15	11	19	20	14	19	10	17	10	12	12	11	13	16	18	16	11	11	

VII.—A MODERN EUROPEAN LANGUAGE.

French.

There will be two papers of three hours each. The first paper will consist of passages for translation from the prescribed Text-books, questions on the prescribed Text-books, and questions on Grammar. The second paper will consist of Unseen passages and idiomatic phrases for translation from French into English and *vice versâ*.

Books prescribed—

Ed. About:—Le-Roi des Montagners. Macmillan's Edition (Siepmann's Series).

Du Camp:—La Dette de Jeu (Cambridge University Press).

Daudet:—Letters de mon Moulin [Edited by Bradly and Rieu. (Oxford Clarendon Press)].

Grammar recommended—

French Grammar (Sonnenschein's Parallel Grammar Series) *or* Heath's Modern French Grammar (Harrap).

NOTE.—The *Viva Voce* Examination has been dropped for the present.

VIII.—DOMESTIC SCIENCE.

The examination will consist of two papers of three hours each. The first paper will contain questions on Physiology, Hygiene, Household Management, and Home-Nursing. The second paper will consist of the practical examination in Sewing to be held at the same time as the examination in written work. There will also be an oral test in First Aid and Home-Nursing and a practical test in Cooking.

SYLLABUS.

As a basis for the teaching of Hygiene and Home-Nursing there should be a preliminary simple treatment of the following topics on Elementary Physiology :—

The human skeleton, the organs of digestion, the circulation of the blood, the nervous system, respiration.

1.—*Hygiene.*

NOTE.—Great importance should be attached to practical work wherever the subject admits of this.

Air.—Composition of air, ventilation, importance of pure air, impurities of air, diseases caused by impure air.

Water.—Composition of water; quantity of water required; source of water-supply, springs, deep wells, surface wells, rivers, tanks; how water is polluted; how to prevent pollution of water; how to purify water; boiling and filtering.

Food.—Composition of food; composition of good diet and its importance; preservation of food; cooking of food; drinks and condiments.

Personal Hygiene.—Cleanliness of body (hair, nails, teeth, etc.); clothing; exercise; importance of temperance; the use of *pan*, opium, and other drugs; spitting.

Precautions against diseases.—Infectious diseases (small-pox, measles, and diphtheria, etc.); tuberculosis; enteric fever; dysentery and diarrhœa; cholera; plague; malaria; itch; leprosy; ophthalmia (sore eyes.)

2.—*First Aid.*

Roller bandage, figure of eight as applied to knee, elbow, finger, ear; bandage for eye, nose, chin; many-tailed bandage for chest. Bleeding of different kinds; how to stop bleeding; drowning; burns; scalds; bruises; sprains; broken bones; dislocation; carrying injured people; fainting; sunstroke; hysteria; epilepsy; suffocation; foreign bodies in eye, ear, nose, and throat; bites of mad dogs; signs of madness in dogs; snake-bites, stings.

3.—*Home-nursing.*

NOTE.—None of the work is to be purely theoretical. Practice must be given in every point which allows of practical work.

Room.—Bed; bedding; furniture; light; warmth; ventilation.

Nurse.—Health; dress; duties, and qualifications of a nurse.

External Remedies.—Poultices; plasters; fomentations; ice; baths—hot and cold; temperature of baths.

Food.—Kind of food and preparation; way of giving.

The Sick Room.—Administration of medicine; pulse, and temperature charts; bathing, changing of garments and bedding.

Infectious illness.—Precautions during illness; disinfection of room, clothing, and bedding after illness; use of disinfectants.

Convalescence.—Occupations; visitors; rest; sleep, and food.

4.—*Care and Training of Children.*

Food, sleep, exercise, play, clothing, cleanliness, surroundings.

5.—*Household Management.*

A.—Choice of House. Furniture and Decoration. Distribution of rooms. Cleansing and care of house and furniture. Disposal of refuse and sewage. Precautions against flies and mosquitoes.

B.—Care of the kitchen.

Preparation of simple food.

Two of the following groups :—

(*i*) preparation of *roti*, rice, *dal*, and *tarkari* ;

(*ii*) preparation and care of milk;

(*iii*) preparation and care of meat. (One dish only required.)

C.—Duties of mistress of household.

Proper distribution of daily activities. Account and budgetting of expenditure.

6.—*Clothing.*

(i) Choice and care of the clothing.

(ii) Methods of washing cotton, woollen, and silk materials.

NOTE.—Practical work should be done, if possible.

(iii) Sewing and Cutting out.—Each candidate should select three of the following groups.

A good standard of skill will be required in the various stitches that are necessary in making up garments and in mending worn articles of clothing:—

(*a*) To cut and make up coat (*achkan*) or *pyjama* or shirt (*kurta*) or waistcoat for a man.

(*b*) To cut out and make up *kurti* or blouse or skirt or petticoat or *pyjama* for a woman.

(*c*) To cut out and make up frock or bonnet or *pyjama* or *bandi* for a child.

(*d*) Drawn thread or crewel work or English embroidery or *chikan* work or *sulme sitare*.

(*e*) Spinning.

(*f*) Weaving.

NOTE.—As an indication of the scope and standard of instruction in Hygiene and Home Nursing, teachers are referred to sections II, III, and IV of Personal and Domestic Hygiene for the School and Home, by Mrs. Harold Hendley (Rai Sahib M. Gulab Singh & Sons, Calcutta), also to Indian Manual of First Aid and Indian Home-Nursing, published by the Indian Council of the St. John's Ambulance Association (Thacker, Spink & Co., Calcutta.)

Book for teachers' reference:—

Tropical Hygiene, Lukis and Blackham (Thacker, Spink & Co.).

Outline of Domestic Science (for Indian Readers), by Lilian Sawtell (Longmans, Green & Co.).

Training of Children under five years.

IX.—METAL WORK.

The examination will consist of one paper of three hours in Drawing and Theory, and a practical test for four hours in Forging and Fitting Work.

Syllabus.

(*a*) *Practical work.*—A series of models graded in respect of tool manipulations to be made in metal from Working Drawings or from Patterns, and involving the use of

Forge, Anvil, Vice, Tonges, Top and Bottom Tools, Drills, Hammers, Files, Stocks and Dies, etc. Exercises should include Drawing Down, Upsetting, Welding, Annealing, Hardening and Tempering, Rivetting, etc., and such objects as Punches (nail and centre), Scribing Knife, Nuts and Bolts, Rings, Chain Links, Hasp and Staple, Keys (for shafting), Coat Hook, Wall Bracket, Letter Weight, Calipers, Wall-Holdfast, Cold Chisels, Drills, etc.

(*b*). *Theoretical work.*—Properties and uses of different metals, Iron (malleable and cast), Steel, Brass, etc. Sections and weights of above, Length calculations, Working heats, Care and maintenance of tools, forge, etc.

(*c*) *Drawing.*—In orthographic projection of all models made during the course.

Books recommended —1. Smithy and Forge Crane, approximate price Rs. 2, Publishers Crosby Lockwood.

2. Smith's Works, Hasluck, Rs. 2, Cassels.

3. Educational Handwork, Jenkins, Rs. 3, University Tutorial Press.

4. Handcraft in Wood and Metal, Shirley and Hooper, Rs. 9, Batsford.

5. Plain and Ornamental Forging, Schwarzkopf Wiley & Sons, Rs. 6-8-0.

X.—HISTORY OR GEOGRAPHY.

(The same course as in the compulsory subject.)

*

INTERMEDIATE EXAMINATION OF 1929.

The following grouping of subjects is approved for the guidance of students and teachers. The subjects have been so grouped that, while providing a sound general education, suitable as an introduction to University studies, they should also fit the students to enter upon higher specialized courses in technical and professional institutions :—

General Arts.—Mathematics, Economics, *Civics, Geography, Drawing, a Modern Indian or European Language, Logic, a Classical Language, Modern History, Ancient History. (*Any three should be taken.*)
**Students taking Civics are advised also to take History.*

General Science.—Mathematics, Drawing, Chemistry, Physics, Biology, Geography, Economics. (*Any three should be taken.*)

For Medicine.—Chemistry, Physics and Biology.

For Engineering.—Mathematics, Physics and Chemistry.

For Teaching.—(1) History, Civics and Geography.
(2) History, Geography and Mathematics.
(3) History, Geography and (Physiology, Hygiene and Child-Study) (*women students*).
(4) Geography, Mathematics and (Physiology, Hygiene and Child-Study) (*women students*).
(5) Geography (or Mathematics), Biology and (Physiology, Hygiene and Child-Study) (*women students*).
(6) History, Geography and Economics.
(7) Mathematics, Geography and Economics (or Drawing).

(8) Mathematics, Physics and Chemistry.
(9) Mathematics, Physics and Biology.
(10) Chemistry, Physics, and Biology.
(11) Biology, Physics (or Chemistry) and Drawing.
(12) (Physiology, Hygiene, and Child-Study), a Classical Language, and History or Geography or Mathematics (*women students*).
(13) (Physiology, Hygiene, and Child-Study), Drawing and Biology or Geography or a Classical Language (*women students*).

ENGLISH.

There will be *one* paper of three hours on the prescribed Prose course and a *second* paper of three hours will be set on the Poetry course; and in each paper one question will be set on "Unseen" passages.

In place of the Unseen Prose passages candidates who offer English as their mother-tongue will be required to answer questions on supplementary prescribed texts.

A *third* paper of three hours will include (*a*) translation from a vernacular into English, and (*b*) a narrative or descriptive piece of composition in English. In the case of candidates who offer English as their mother-tongue, the third paper will consist of an Essay, together with questions on English composition and on the history of English literature from 1500, as in Hudson's Outline History of English Literature (Bell & Co).

NOTES —1 In the case of books prescribed for detailed study, candidates will be expected to show a close familiarity with the text, including meaning of words, construction of sentences, historical and other allusions, as well as knowledge and understanding of the subject-matter. They should be able to indicate contexts and to paraphrase and explain any difficult passages in simple and correct English.

2 In the case of books prescribed for general study, detailed knowledge of the text will not be required, but candidates will be expected to show that they have read the course with intelligence and with some appreciation.

Books prescribed:—

Prose :—(*a*) For detailed study—

Modern English, by Brown and Walker, Macmillan and Company, omitting I, XI, XIII, XIV, XIX, XXIII, XXVI, XXVII, and XXIX.

The Trial and Death of Socrates by Church, the following portions of which are prescribed :—

The Apology, Crito, and last part of Phaedo (Chapter LXIII to end).

(The Introduction is not prescribed, but is recommanded for general study).

(*b*) For general study—

Scott's "Kenilworth" (abridged), published by the Oxford University Press, price Re. 1.

A Round of Tales, selected by Henry and Treble (Oxford University Press), (price Re. 1 as. 6).

Poetry :—(*a*) For detailed study—

Arnold—Sohrab and Rustam.

The following from Palgrave's Golden Treasury, Oxford University Press (Indian edition), price Re. 1, are prescribed :—

Shakespeare—"When to the sessions of sweet silent thought.

"Let me not to the marriage of true minds,"

"Since brass, nor stone, nor earth, nor boundless sea."

Keats—"La Belle Dame Sans Marci."

Milton—"On his Blindness."

"Captain, or Colonel, or Knight in Arms."

Tennyson—"Ring out, wild bells."
—"Tears, idle tears."
—"The splendour falls on castle walls."

Wordsworth—"The world is too much with us."
—"Upon Westminster Bridge."

Tagore (Macmillan's Poems from Tagore)—
"Where the mind is free."
"Traveller must you go."
"The fair was on before the temple."
"The Champa Flower."

(*b*) For general study:—

Shakespeare—"As You Like It."

Tennyson—"Morte d'Arthur"

Morris—"Atalanta's Race."

Scott—Battle of Bannockburn.

(The last three from S. A. Newbolt's English Narrative Poems—Longman's).

Supplementary prescribed texts for candidates whose mother-tongue is English:—

Prose and Poetry:—Approach to Shakespeare, Teaching of English Series (Nelson's).
Dunn's selections from Tennyson (Oxford University Press).

NOTES.—(*a*) Half the total of marks will be allotted to the portions for detailed study, 30 per cent. to the portions for general study, and 20 per cent. to Unseen passages and Grammar.

(*b*) Grammatical questions will be asked, including Parsing, Analysis, the Sequence of Tenses, and Conversion of the Direct and Indirect forms of speech.

(*c*) The attention of candidates is drawn to the fact that examiners have been instructed to deduct marks for inaccuracy in English.

MATHEMATICS.

There will be three papers of three hours each : one paper in Algebra and Trigonometry, a second in Mensuration and Pure and Analytical Geometry, and a third on Elementary Dynamics.

(1) (*a*) *Algebra.*—Quadratic equations involving two or more unknown quantities, the theory of quadratic equations and of expressions of the second degree ; surds and imaginary expressions ; arithmetical, geometrical, and harmonical progressions ; permutations and combinations ; theory of indices and logarithms, proof of binomial theorem for a positive integral index and the use of binomial and exponential theorems for any index.

(*b*) *Trigonometry*—Including solution of triangles, and simple problems on inscribed, circumscribed, and ascribed circles.

(2) *a*) *Pure Geometry*—Loci ; proportion and similarity ; radical axis of two circle ; simple properties of pole and polar with respect to a circle ; simple properties of parabola.

(*b*) *Analytical Geometry*—Straight line, pair of straight lines, circle (including radical axis and pole and polar); equation to parabola in form $y2=4ax$ and simple properties deduced therefrom; simple properties of tangents and normals to the ellipse deduced from the equation $\frac{x2}{a2}+\frac{y2}{b2}=1$ (Oblique cartesian and polar co-ordinates will not be required).

(*c*) *Mensuration of Solids.*—Surfaces and volumes of parallelopipeds and right prisms, pyramids, circular cylinders and cones, spheres, and spherical segments; frusta of pyramids, cones, and spheres.

The use of Trigonometry and Logarithms will be permitted in solving numerical examples.

(3) *Dynamics and Statics.*—Velocity, composition of velocities; relative velocity; acceleration, rectilinear motion under uniform acceleration, composition of accelerations; Newton's Laws of Motion; rectilinear motion under gravity in a vertical and down an inclined plane; motion of two masses connected by a string passing over a pulley; projectiles, direct impact of smooth bodies; definition and calculation of kinetic energy; co-planar forces, parallel and non-parallel and their composition; equilibrium of a body under three forces; moments; conditions of equilibrium of a body under a system of co-planar forces and simple examples; centre of gravity; friction; work and power; simple machines (lever, balance, system of pulleys, wheel and axle).

The following books are suggested (*not prescribed*) in addition to more elementary text-books:—

School Algebra, H. S. Hall, Parts I—III.

School Algebra, Part II, by Paterson. (Clarendon Press.)

Elementary Algebra, Part II, by P. Ross. (Longmans.)

Hall and Stevens' School Geometry, Part VI.

Co-ordinate Geometry, Smith or Loney. (Macmillan.)

Elements of Statics and Dynamics by Loney. (Cambridge University Press.)

CHEMISTRY.

[N.B.—Candidates will be required to pass in the theoretical as well as practical part of each Science subject.]

There will be two papers of three hours each and a practical examination.

The following syllabus is prescribed:—

The course for the High School Examination of 1929 with the following additions:—

Elementary and compound substances, mixtures solution, chemical action, the laws of definite and multiple proportions, simple methods of the determination of equivalent

weights, atoms, molecules, atomic and molecular weights, vapour density, the atomic theory and Avogadro's hypothesis, combination of gases by volume.

Valency, relation between equivalent and atomic weights, simple methods of determination of atomic weights, Dulong and Petit's Law. Boyle's Law, Charles' Law, vapour pressure, diffusion.

Chemical symbols, formulae and equations; calculations of an easy nature.

Oxidation and reduction.

Elementary ideas as to the nature of dissociation in gases and electrolytic dissociation theory.

The outlines of the periodic law, studied from elements prescribed in the course.

Preparation and important properties of the following elements and compounds and proofs of the composition of the compounds marked * :—

Hydrogen, oxygen, *water, ozone, hydrogen dioxide, nitrogen, *the atmosphere, the effects of animal and vegetable life upon its composition, *ammonia, nitric acid and nitrates, nitrous acid and nitrites, *nitrous and *nitric oxides, nitrogen peroxide, carbon, *carbon dioxide, *carbon monoxide, elementary ideas about combustion and structure of flame, coal gas, chlorine, *hydrochloric acid, the chlorides, chlorine peroxide, chloric acid and chlorates, bromine, iodine, their hydracids and salts.

Sulphur, *hydrogen sulphide, *sulphur dioxide and trioxide, sulphuric acid and the sulphates, sulphurous acid and sulphites.

Phosphorus, hydrogen phosphide, phosphorus trioxide and pentaoxide, orthophosphoric acid.

Silica, silicates of Na, K & Ca, glass.

Sodium, potassium, their hydroxides, chlorides, nitrates, carbonates, sulphates.

Calcium, strontium, barium, and their oxides, carbonates, sulphates, chlorides, nitrates.

Magnesium, its oxide, chloride, sulphate, carbonate and nitrate.

Zinc, its oxides, chloride, sulphate and carbonate.

Lead, its chloride, sulphate, nitrate and acetate.

Copper, the outlines of its metallurgy, its oxides, chlorides, sulphates, nitrate and sulphides.

Iron, the outlines of its metallurgy, its oxides (FeO, Fe_2O_3, Fe_3O_4), chloride, sulphates, and sulphides.

Zinc, its oxide, chloride, carbonate and sulphate.

Mercury, oxides chlorides, nitrates, sulphides.

Aluminium, oxide, chloride, sulphate.

Arsenic, hydride, oxides, sulphides.

Antimony, hydride, oxides, chlorides, sulphides.

Tin, oxides, chlorides, sulphides.

Organic :—

A.—The preparation, typical properties, and structural relationship of the following compounds :—

Mathane, ethane, ethylene, chloroform, iodoform.

Methyl alcohol and ethyl alcohol.

Formaldehyde and acetaldehyde.

Formic acid and acetic acid.

Ethyl acetate and methyl acetate.

Acetamide, acetyl chloride, acetic anhydride.

Acetylene.

Methylamine.

B.—The simpler properties of the following:—

Glycerol, acetone, ether, oxalic acid, tartaric acid, fats, soaps (and saponification), starch, cane sugar, grape sugar (and fermentation), urea, benzene, nitrobenzene, phenol, aniline, benzoic acid.

Practical work.

Students will be examined in Practical Chemistry.

Students are expected to perform the following experiments in the laboratory. An account of each experiment must be written by the student in a special note-book,

which will be liable to examination by the Examiners. This note-book should be kept in the charge of the laboratory instructor and each account of an experiment should be signed by him. The Principal of a College will be responsible for the production of this note-book when demanded by the proper authorities.

The *practical* course is as follows :—

1. Such practical work as is required for the High School Examination of 1929.

2. Analysis of simple salts, soluble in water or hydrochloric acid composed of acids and bases mentioned in the following list :—Ag, Pb, Hg, Cu, Cd, Bi, As, Sb, Sn, Fe, Al, Cr, Ni, Co, Zn, Mn, Mg, Ca, Sr, Ba, Na, K, NH_4, Cl, Br, I, ClO_3, SO_4, SO_3, NO_3, NO_2, PO_4, S, CO_3, C_2O_4.

3. Preparation and purification of simple salts involving no special difficulty.

4. Simple gravimetric and volumetric estimations, such as estimation of alkali, acids and alkaline carbonates by titration, gravimetric estimation of iron and simple gravimetric experiments such as change in mass on oxidation of magnesium, etc.

5. Determination of melting and boiling points.

6. Qualitative detection of nitrogen, sulphur and halogens in organic compounds.

7. Practical exercises involving—

(i) dry tests,

(ii) phenol phthalein and methyl orange.

(iii) use of balance.

Books suggested : —

SHENSTONE : Inorganic Chemistry (Arnold).

ROSCOE and LUNT : Elementary Inorganic Chemistry.

ROSCOE and HARDEN : Inorganic Chemistry for Advanced Students.

A Class Book of Organic Chemistry by J. B. Cohen.

Organic Chemistry, Part I, by Perkin and Kipping.

Donington's Class Book of Chemistry, Parts 1—4.

Holmyard's Inorganic Chemistry, published by Arnold, 6*s*. 6*d*.

HOLMYARD: Practical Chemistry, Bell & Sons, Ltd., 4*s*.

OSCROFT: Inorganic Chemistry, for Upper Forms (Bell & Sons, Ltd.). 6*s*. 6*d*.

MALVEA: Practical Chemistry for Intermediate Colleges (Indian Press). Rs. 2.

NEWTH: Chemical Lecture Experiments for teachers' use, published by Messrs. Longmans, Green & Co., latest edition. Price 8*s*. 6*d*.

Holmyard: Introduction to Organic Chemistry (Arnold).

PHYSICS.

[N.B.—Candidates will be required to pass in the theoretical as well as practical part of each Science subject.]

There will be two papers of three hours each as follows:—

1st Paper—Properties of matter Heat and Light.

2nd Paper—Sound, Electricity and Magnetism.

The following syllabus is recommended:—

General properties of Matter.—Fundamental units and their measurement. Principle of Balance, Verniers, Calipers, Screw-gauge, Spherometer, Volume, Density, Specific gravity, Fluid pressure, Principle of Archimedes, Nicholson's hydrometer, Barometer, Boyle's Law, Pumps, Siphon, Elementary notions of volume elasticity and Young's modulus in the case of solids. Isothermal and adiabatic elasticities of gases. Gravitation, simple harmonic motion. Pendulum. Value of "*g*."

Heat.—Temperature. Thermometers. Calorimetry. Specific heat. Latent heat. Expansion of solids, liquids, and gases. Vapour pressure. Hygrometery. Change of state. Laws of unsaturated and saturated vapours. Conduction. Convection. Radiation. Reflection and absorption of heat. Isothermal and adiabatic changes. Specific heat at constant volume and constant pressure. Relation of heat to work. Determination of J.

Light.—Laws of propagation. Reflection and refraction from plane and spherical surfaces. Dispersion. Spectra. Fraunhofer's lines. Telescope. Microscope. Spectrometer. Photometry. Phosphorescence. Florescence. Velocity of light.

Sound.—Transverse and longitudinal waves. Nature of sound waves. Intensity. Pitch. Quality. Mode of propagation. Reflection. Refraction. Stationary waves. Beats. Resonance. Vibrations of strings and air columns. Monochord and organ pipes. Determination of velocity in solids, liquids, and gases, Musical scale.

Electricity and Magnetism.—Magnetisation. Permanent magnets. Magnetic induction. Unit of magnetism. Magnetic field. Lines of force and lines of induction. Tangent A and B positions of Gauss. Deflection and vibration Magnetometers. Magnetic moments. Earth as a Magnet. Magnetic elements. H. Declination and Dip and their determinations. Electrostatic unit of quantity. Coulomb's law of force. Electric field. Gold leaf electroscope. Surface density. Potential. Capacity. Leyden jar. Capacity of a parallel plate condenser. Electrophorus Wimshurst's machine.

Voltaic cell. Electric current and its magnetic effects. E. M. unit of current. Galvanometers. Ammeters. Voltameters. Ohm's law and its verification. Unit of resistance and Potential Difference. Specific resistance. Practical and absolute units. Determination of resistance Wheatstone's bridge. P. O. Box. Heating effect of current. Joule's law. Determination of J. Electric glow lamp. Electric arcs. Chemical effects of current. Faraday's laws of Electrolysis. Electrochemical equivalent. Voltameters. Electro-magnetic relations. Electro magnet induction. Induction coil. Simple dynamo. Motor. Electric Telegraph. Telephone. Microphone. Thermopile. X-Ray.

Books suggested :—

A Text-book of Physics by R. S. Willows (published by Messrs. Arnold & Co.).

Everyday Physics by H. E. Hadley (Macmillan & Company, Rs. 4).

There will be also an examination in practical work.

The laboratory course is indicated by the subjoined list of experiments. An account of each experiment must be written by the student in a special note-book which will be examined. The account of each experiment should be signed by the Demonstrator, and the books should be kept in his charge.

LIST OF EXPERIMENTS.

Mechanics –

Applications of the Triangle of Forces.
Equilibrium of Parallel Forces.
Principle of Moments.
Determination of co-efficient of Friction.
Ditto of "g" by the pendulum.

General Properties of Matter—

Measurements of Mass by the balance.
Use of the Spherometer.
Ditto Screw Gauge.
Ditto Callipers.
Reading the Barometer.

Heat—

Testing fixed points of Thermometers.
Determination of Specific Heats.
Ditto Latent Heats.
Construction of a graph illustrating the rate of cooling of a liquid.
Verification of Boyle's Law.
Determination of the co-efficient of linear expansion.

Light—

Reflection and refraction of light at plane and spherical surfaces.
Determination of refractive indices.
Focal lengths of mirrors and lenses.

Sound—

Determination of velocity of sound by resonance.

Ditto of the frequency of a fork by sonometer.

Magnetism—

Mapping out lines of force by a small magnet.

Determination of neutral points in a magnetic field.

Comparison of magnetic moments by the magnetometer.

Comparison of magnetic fields by a vibrating magnet.

Electricity—

Variation of magnetic force at centre of a coil with radius, number of turns, and strength of current.

Determination of resistance by the use of Wheatstone's wire bridge.

Determination of resistance by the use of Ammeter and Voltmeter.

Combination of cells in series and parallel.

Comparison of electromotive forces by the potentiometer.

Detailed accounts of the method of performing the above experiments will be found in either Willows' Text-book of Physics, or in any Intermediate course of Practical Physics such as Schuster and Lees.

BIOLOGY.

There will be two papers of three hours each and a practical examination: the first paper on Zoology and the second paper on Botany.

The following syllabus is prescribed. Instructions for the teaching of Biology are appended:—

I.—Zoology.

[N.B.—Candidates will be required to pass in the theoretical as well as practical part of each Science subject.]

A.—Living and non-living matter. The distinctive properties of living matter or protoplasm and its chemical composition. The structure and life-history of Amoeba and malaria parasite as examples of the Protozoa. A general conception of the structure and phenomena of the animal cell, direct and indirect cell division. The union of cells

to form tissues and the combination of tissues to form organs.

B.—The structure of Hydra as an example of the Metazoa. The principle of the physiological division of labour and the correlated differentiation of structure.

C.—The structure and bionomics of an Indian Earthworm as an example of a segmented animal.

D.—The structure of the cockroach as a type of Arthropoda. A general survey of the life-history of the mosquito and house fly, and there economic importance.

E.—The general characters of the Chordata.

F.—The general anatomy, histology, and physiology of the various systems or organs in the Frog.

G.—An elementary knowledge of the anatomy and osteology of the Rabbit or other common Mammal. The brain and eye of the sheep, and the skull of the dog may be substituted for those of the rabbit.

H.—A general classification of the animal kingdom with the characteristics of the principal phyla.

J.—Reproduction, sexual and asexual; ova and spermatozoa; oogenesis and spermatogenesis. The elementary facts of the fertilisation and segmentation of the ovum, the outlines of the development and larval history of the Frog, the three primary germ-layers and the organs derived from them.

II.—Botany.

[N.B.—Candidates will be required to pass in the theoretical as well as practical part of each Science subject.]

A.—The structure and germination of seeds, the morphology of the root, stem and leaf. The chief types of floral structures. The chief types of inflorescence and the common types of fruits.

B.—The parts of a typical vegetable cell, the cell contents and their microchemical reactions, the division of a cell, the chief types of plant tissues. A comparative study of the internal structure of the root, stem, and leaf

of the Angiosperms. The structure of the reproductive organs of the Angiosperms.

C.—The structure of Bacillus subtilis and the modes of nutrition among the Bacteria.

D.—The structure, physiology, and life-histories of Ulothrix, Spirogyra, Mucor, and Yeast.

E.—The structure and life-histories of a moss and a fern, and the phenomenon of alternation of generations.

F.—The life-history of Angiosperms. General structure of flowers and fruits, recognition and economic importance of the following families:—

Cruciferae, Malvaceae, Leguminosae, Compositae and Liliaceai.

G.—An outline of the classification of the vegetable kingdom to illustrate grades of structure and method of reproduction.

H.—Elementary plant physiology; stability of the plant body; the usual constituents of plant food; assimilation; transpiration; respiration; the main facts about growth; the chief types of movements.

Practical Work.

Students are expected to keep a record of all practical work in a special laboratory sketch-book, which will be liable to examination by the examiners. The laboratory instructors should sign the result of each day's practical work.

A.—The microscopical study of Amœba and Hydra; the study of Hydra by means of transverse and longitudinal sections.

The general dissection of the earth-worm, cockroach, and frog; life-history of the mosquito; a microscopical study of the chief animal tissues from fresh or prepared preparations of muscle, nerve, cartilage, bone, blood, and connective tissue. The microscopical study of the earth-worm by means of fresh preparations and transverse sections; a microscopical examination of the kidney, liver, spinal

cord, stomach, ovary, and testis of the frog. The skeleton of the frog.

The osteology of the rabbit substituting the skull of the dog for that of the rabbit, and the dissection of the alimentary, vascular and reproductive systems of that animal.

B.—The dissection of plants and parts of plants ; the preparation, simple staining, and study of microscopical sections of plants. A practical study by microscopical examination and otherwise of bacteria, yeast, Spirogyra, Ulothrix, Mucor; a moss, a fern, and the vegetative and reproductive organs of Angiosperms treated in an elementary manner.

The description of a flowering plant and its parts in semi-technical language.

(Where fresh material cannot be obtained, recourse should be had to prepared specimens.)

Text-books suggested :—

PARKER and BHATIA : Elementary Course of Practical Zoology. (Macmillan.)

HOLMES : Biology of the Frog.

MARSHALL and HURST : Practical Zoology. (Murray.)

RANGACHARI : Botany for Indian Schools, second edition. (Government Press, Madras.)

GAGER : Fundamentals of Botany. (Blakiston.)

HUXLEY.—Elementary Physiology. (Macmillans).

SHIPLEY.—Life. (Ditto).

TRANSEAN.—Generel Botany (World Book Company, New York).

BAHL, K. N. : Indian Zoological Memoirs. I, Pheretima, Methodist Publishing House, Lucknow. 1926. Re. 1-8-0.

APPENDIX.

Instructions for the teaching of Biology—

1. The teacher must consider the purpose for which he teaches Biology—to prepare students for the university, for medical and forest colleges, and for more intelligent and more joyful living. Biology deals with the world of life surrounding the student, and every effort should be made to present Biology as a living subject, rather than as a vast mass of unrelated and (to the students) often meaningless facts to be memorised.

2. Teachers may take more liberty in teaching Biology than has been considered possible in the past. They should feel that they are not too rigidly bound by the syllabus. Much of what is commonly accepted as the interpretation of the syllabus, and as the proper content of Biology, is a tradition from the past. Teachers may to a much larger extent determine for themselves what they are to regard as the proper things to include in their teaching, and the proper emphasis to be given to these things; the syllabus will then become a friendly guide.

3. The syllabus is a record of work that ought to be covered and the teacher may take up the various topics in whatever order he thinks best.

4. The additional items in the new syllabus are not intended to enlarge the syllabus, but to shift the emphasis given to the various parts of it. For instance, it is not intended that the cockroach shall be studied in minute detail, but that it shall be made the basis for acquaintance with the great assemblage of arthropods. The mosquito is to illustrate metamorphosis, and is used because of the great importance of mosquitoes to man, because it can be observed anywhere, and because it can be readily reared in the laboratory. The mosquito is to illustrate also the carrying of disease by insects, and the malaria parasite is an illustration of a disease-producing organism transmitted by an insect. The economic and bionomic importance of

these animals is to be emphasized rather than complete details of their structure.

Likewise, it is intended to allow considerable freedom to the teacher by permitting the use of mammalian types that are most readily available. The purpose is to become acquainted with characteristic features of mammalian anatomy, rather than with minute details of one animal only, to the exclusion of all others.

In Botany more, emphasis should be put on what plants do and how they work, than on extensive study of various growth forms, which have little meaning for the student unless correlated with the great problems of plant economy. Moss is added to the syllabus as a simple, clear, and easily accessible plant illustrating sex organs and alternation of generations; it should be treated from this point of view, and no effort should be made to consider its anatomy in the detail usually regarded necessary in the fern.

DRAWING

There will be two papers, each of three hours' duration: the first paper on Solid Geometrical Drawing and the second paper on Free Arm Memory Drawing.

Syllabus.—

Free Arm.—In Pastels on Tinted Paper or Water Colours on White Cartridge Paper.

Progressive work in groups of the common objects listed for High Schools, such as—

Plate of Oranges, Tomatoes and Bananas; Candle-stick and Matches; Ink-pot and Pen; Gloy Bottle and Brush; Bundles of Firewood; Glass of Water or Milk, Chinese Lantern, Liquids in Bottles; Umbrellas, etc.

Nature Study Advanced.—The more difficult Flowers, Bunches of Flowers, Leaves with Fruit and Flowers, Compound Leaves.

The above, which is but suggestive, will involve instruction in the art of blending colours, colour harmonies, colour schemes and shadows, together with technicalities

such as tint-softening, blending, direct colouring, light tint on dark and dark on light, use of opaque colours and backgrounds.

Memory Drawing.—*(a)* Objects such as listed above which may be placed before students for a limited period, after which the object shall be taken away and the drawing made.

(b) The drawing of some familiar and common objects entirely from memory.

A number of small objects may be placed once a week on a covered up tray, exposed, say for ten seconds, and the class be asked to write down as many objects as they remember to have seen.

Text-books recommended :—

Pastel work, Vols. I and II, by H. A. Rankin, publisher Messrs. Issac Pitman & Sons, Price Rs. 4 per vol.

Materials.—As for the High School Examination of 1929 (Free Arm).

Geometrical.—Solid Geometry, simple solids, plans, elevations, sections and sectional elevations of such, isometric orthographical projection, and elementary perspective drawing and all forms of Plain and Diagonal Scales.

Text-books and Materials.—As for the High School Examination of 1929 (Geometrical).

ECONOMICS.

There shall be two papers of three hours each: The first paper shall cover Production, Consumption and Taxation, and the second paper Exchange and distribution.

Introductory.

Subject matter. Relation to other sciences. The development of Economic life.

Production.

Relation between wants and production. The factors of production.

Land.—Natural resources of India. Soil and Climate. Sources of Power. Raw materials.

Labour.—Density and distribution of population in India. Health and vital statistics. Occupations.

Capital (fixed and circulating).—Buildings and machinery. Means of communication and transportation in India. Irrigation.

Organization (management plus enterprise).—Combination of the factors of production in village industries and in factories. Efficiency of the factors of production. Different uses and how efficiency increases. Efficiency of labour increased by education. Division of labour and specialization of machinery. Large scale production and its limitations. Diminishing and increasing returns. Development of industrial organization. Its relation to means of transportation. Accompanying changes in rural industries and in agriculture in India. Extensive and intensive cultivation.

Exchange.

Utility.—Marginal and total utility. Law of diminishing utility. Law of demand. Elasticity of demand.

Barter.—Conditions of barter. How both parties gain in utility by exchange.

Exchange by sale and purchase. Demand and supply schedules and curves. Balancing of demand and supply in a local market. Relation of price to expenses of production. Changes in the expense of production. The development of markets. Causes of the extension of markets. India's imports and exports.

The machinery of exchange. Money and banking, both to be illustrated from Indian examples (including *Sahukari* system in the villages and the *Sarafi* system in cities),

Convertibility of paper money in India. Cheques and Hundies (*Foreign exchanges are excluded*)

Distribution.

The problem of distribution.

Rent.—The law of rent as applied to India. Land tenure in the United Provinces.

Salaries and wages.—Real and money wages. Wages as determined by supply and demand of labour. The standard of living. Mobility of labour in India. Influence of social customs.

Interest.—Net and gross interest. Mobility of capital in India. Principles of co-operative credit and its advantages for India.

Profits.—As the reward of enterprise. The field for enterprise in India.

Consumption.

Satisfaction at the end of all economic activity. Wants and their classification. Division of income among different items of expenditure. Family budgets. Relations of saving to spending. The social side of spending.

Taxation.

A description of the taxes and other sources of revenue and items of expenditure of the Imperial Government, of Bombay and the Province or State in which the College is situated; simple distinction between direct and indirect taxes. (Nothing of the theory of taxation is to be taught.)

The following books should be consulted:—

Penson.—Economics of Everyday Life; Parts 1 and 2.

Moreland.—Introduction to Economics for Indian Students.

India in 1928 (the latest edition of the publication available in July, 1927, being recommended) published by the Central Publicity Office (Chapters dealing with economic progress only are to be read).

Teachers should also consult—

V. G. Kale.—Indian Economics.

Marshall.—Economics of Industry.

Chapman.—Elementary Economics.

Jack.—Economic Life of a Bengal District.

Mann.—Life and Labour in a Deccan Village.

Gide.—First Principles of Political Economy (Translation by F. E. Row).

B. G. Bhatnagar.—Bases of Indian Economy.

Lettice Fisher.—Getting and spending: Collins' Clear Type Press.

London, 3/6.

R. K. Mukerjee.—Groundwork of Economics (Longmans).

Report on an enquiry into working class budgets in Bombay, by G. Findlay Shirras (Government of Bombay Labour Office).

Teachers should give facts and figures from the latest edition of the Indian year Book (Times Press).

Practical work.

Teachers should take out students to study small industries, markets, and conditions of living in both city and country. The principles should be illustrated from these studies. The following practical work should be the minimum to be placed before the examiner:—

(1) Two budgets of consumption: one of an artisan, one of a cultivator, if possible, with the student's own suggestions for improvement.

(2) Two statements showing the expenses of production, for one month, or a longer period, or for a fixed quantity of product, of two small industries, with suggestions for the improvement of the industry.

(3) Four diagrams illustrating the above four statements (as suggested in the instructions to colleges and examiners).

(4) Two maps representing economic conditions in India or parts of India.

Written work.

Teachers should insist on as much written work as possible. The following methods are suggested :—

NOTE.—Teachers should not usually dictate notes, but should require students to write out their own notes after each lecture from rough notes taken in class and from memory. These notes should be inspected and marked by the teacher.

Questions.—At the beginning of the lecture period teachers should frequently give out a single question on the work of the day before and allow the student 5 or 10 minutes to write out the answer which should be corrected and returned to the students.

Essays.—Occasional essays may be assigned.

The following written work should be the minimum to be done by each student :—

(1) Two long examinations of at least 2½ hours each or six one-period tests, or one such examination and three such tests.

(2) Ten questions set in class, to be answered in about ten minutes each.

(3) Two essays of about ten pages, or four essays of about five pages. (One long essay and two short essays are advised).

In the case of *private candidates*, double the essay requirement may be submitted in addition to no. (1), as an alternative.

N. B.—Practical and written work shall be given 5 per cent. each of the total marks for Economics. Each of the two papers shall be given 35 per cent. of the total marks.

CIVICS.

There will be two papers of three hours each : the first paper on Civic Theory and the second paper on Indian Civics.

Paper I.—Civic Theory.

Books recommended :—

(1) Raleigh	...	Elementary Politics (Oxford University Press).
(2) Bryce	...	Hindrances to Good Citizenship.
(3) J. S. Lay	...	Citizenship.
(4) Dealey	...	Development of the State.

Paper II.—Indian Civics.

Books recommended :—

(1) Marris and Gardner		Civil Government.
(2) G. Anderson	...	British Administration in India.
(3) Mrs. A. Besant	...	India—A Nation.
(4) R. K. Mukerji	...	Men and Thought in Ancient India.
(5) S. M. Bose	...	The Working of the Indian Constitution (Oxford University Press).

In this paper, besides Indian constitution and administration, the student's attention shall be drawn to the following aspects of national life :—

India : The land and other physical features.

The people : Fusion of races, etc.

Indian religious life.

Indian social life.

Indian economic life, including agriculture, commerce, emigration, etc.

Indian cultural life.

Fusion of cultures : Literature, Art, Education, the Press, the Platform, etc.

HISTORY AND ALLIED GEOGRAPHY.

There will be two papers of three hours each.

Paper I.—Indian History from the earliest time to the present day.

Books recommended :—

LANE-POOLE, S.: Medieval India (Story of Nations Series), T. Fisher Unwin, Ltd.

SMITH, V.A.: The Oxford History of India. Clarendon Press, Oxford.

ROBERTS, P. E.: Historical Geography of the British Empire, Vol. VII, Parts I and II (Clarendon Press, Oxford).

Imperial Gazetteer, Vol. II.

R. AIYANGAR: Pre-Musalman India (Longmans, Green & Co.).

Paper II.—Either (a)—Outlines of Modern European History from 1500 A. D. to 1914 A. D. (excluding the war period).

Books recommended :—

RAMSAY MUIR : Atlas of European History.

A. J. GRANT : History of Europe. Longmans, Green & Co.

THATCHER and SCHWILL : History of Europe. John Murray, London.

J. H. ROBINSON : History of Western Europe. Ginn & Co., Boston, New York, U. S. A.

Or (b) Modern English History from 1485 A D., to 1914 A. D. (excluding the war period).

Books recommended :—

WARNER and MARTEN : Groundwork of English History. Blackie & Son, Ltd.

R. B. MOWAT : A New History of Great Britain (Oxford University Press).

S R GARDINER : A School Atlas of English History (Longmans, Green & Co.).

HISTORIES OF GREECE AND ROME AND ALLIED GEOGRAPHY.

There will be two papers of three hours each

Paper I—History of Greece.

Books recommended :—

EDMONDS, C. D. : Greek History for Schools, Cambridge University Press.

J. B. BURY : Greek History for Beginners.

E. ABBOT : Pericles. G. Putnam Sons.

Paper II.—History of Rome.

Books recommended :—

BRYANT, E. E. : A Short History of Rome. Cambridge University Press.

SHUCKBURGH : Augustus.

„ A Short History of Rome for Beginners.

GEOGRAPHY.

There will be two papers of three hours each. The first paper will contain questions on part I of the syllabus and the second paper on parts II and III of the syllabus.

Syllabus.

I.—World Geography with intensive study of the regional geography of Eurasia and North America *compared* or of the three southern continents *compared.*

NOTE.—Teachers will be expected throughout to develop the human side of Geography, including the relations of Geography and History.

II.—Study of the survey map with special reference to 1 : 1/1000000. Survey of India and Adjacent Countries Series, sheet no. 43 (Srinagar), or no. 52 (Leh), or no. 53 (Delhi and Simla), also 1-inch Survey of India map no. 63 K/8. Study of the principles of map-projections. Study of the weather maps published by the Meteorological Offices, Simla, and of other distribution maps.

The work should show that out-door geographical studies have formed a feature of the course.

III.—Economic Geography with special reference to India. The world position of India, its natural resources, its economic development. Man's influence over natural conditions, land and water communications, internal and external; irrigation. This connotes a thorough study of the distribution maps of India.

The world distribution of the following vegetable products:—

Wheat, rice, tea, coffee, vine, cotton, jute, sugar, rubber, tobacco, conditions of their growth.

Books recommended:—

I.—Russell.—North America. Oxford. 10*s.* 6*d.*

Dawson.—North America. Vol. I. Stanford. 15*s.*

Gannett.—North America. Vol. II. Stanford. 15*s.*

Keane.—Asia. Vols. I and II. Stanford. 15*s.* each.

Chisholm.—Europe. Vols. I and II. Stanford. 15*s.* each.

Keane.—Central and South America. Vols. I and II. Stanford. 15*s.* each.

Leonard Brooks.—New Regional Geography Book IV. London University Press.

Keane.—Africa. Vols. I and II. Stanford. 15*s.* each.

Mackinder.—Britain and the British Seas. Oxford. 10*s.* 6*d.*

Hogarth.—The Nearer East. Oxford. 10*s.* 6*d.*

Little.—The Far East. Oxford. 10*s.* 6*d.*

McMunn and Coster.—A Regional Geography of Europe. Oxford. 4*s.*

Unstead and Taylor.—Regional and General Geography for Students. Philip.

Herbertson.—Senior Geography. Oxford. 3*s.* 6*d.*

} May be used as text-books by the students.

Mill.—International Geography (Macmillan). 12*s.*

Reynolds.—The Americas, Africa, and Australasia. Black. 2*s.* each.

Thomas.—Africa and Australasia. Bell.

Bruce.—The Americas. Bell. 2*s.*

Brown and Johnson.—The Americas (Home of Man Series).

Griffith Taylor—Australia.

Wallis.—Junior Geography of the World. Macmillan. 4*s.*

George.—Relations of History and Geography. Oxford. 4*s.* 6*d.*

Herbertson.—(*F. D.*)—Clarendon Geographies. Vols. I and II. 4*s.* each.

II.—*Esson and Philip.*—Map reading made easy. Philip.

Dickson.—Maps, how they are made; how to read them. Bacon. 6*d.*

Young and Fairgrieve.—A Class-book of Practical Geography. Philip.

Simmons and Richardson.—An Introduction to Practical Geography. Macmillan. 4*s.*

Unstead.—Practical Geography. Oxford. 4*s.*

Mort.—An Elementary Practical Geography. Blackie. 2*s.*

III.—*Chisholm.*—A Smaller Commercial Geography. Longmans. 3*s.* 6*d.*

Curr.—Commercial Geography. Black. 4*s.*

Lyde.—Man and his Markets. Macmillan. 2*s.*

Herbertson.—Man and his Work. 1*s.* 6*d.*

Statesman's Year Book. Macmillan. 18*s.*
Whitaker's Almanac. 4*s.*
Indian Year Book. Thacker.
} Every two or three years.

Imperial Gazetteer of India. Vols. III and IV. Oxford. 7*s.* 6*s.* each.

Atlas of Commercial Geography, Cambridge University Press. 3*s.*

Oxford Economic Atlas. Oxford. 6*s.*

Maps :—

Stanford's Maps *with handbooks* (expensive but good).

Philip's sets of maps of the various continents and of India *with explanatory handbooks.*

Philips' sets of synthetic maps (for students' use).

Philips Modern School Atlas.

Additional Reference Books—

Lake.—Physical Geography, Cambridge University Press.

Salisbury.—Physiography for Schools. Shorter Course. Murray. 6*s.*

Davis.—Elementary Physical Geography. Ginn. 5*s.* 6*d.*

Tarr.—Elementary Physical Geography. Macmillan. 7*s.* 6*d.*

Mill.—The Realm of Nature. Murray. 5*s.*

LOGIC.

There will be two papers of three hours each : the first paper on Deductive Logic and the second paper on Inductive Logic.

Deductive Logic.

The following syllabus is prescribed :—

Definition, scope and value of Logic. Nature of thinking. The laws of thought. The relation of thought and language. Terms and their classification. Denotation and Connotation of terms. The predicables. Formal division and definition. Propositions; their import. Reduction of statements to logical form. Distribution of terms. Nature and forms of inference. The opposition of propositions and various forms of deduction. The syllogism, its figures and moods. Reduction, direct and indirect. Hypothetical; disjunctive, and mixed syllogisms. The Dilemma, Enthymeme, Sorites, and Epicheirema. Function and value of Syllogism. Analysis of deductive arguments Fallacies.

Inductive Logic.

The following syllabus is prescribed :—

The nature and presuppositions of inductive inference. Causation, its significance and importance in induction. Observation and experiment. Classification and nomenclature. Hypothesis. Imperfect induction—simple enumeration and analogy. Methods of scientific induction. The deductive method of investigation. Analysis of inductive arguments and application of inductive methods. Explanation and establishment of laws. The relation of induction to deduction. Fallacies.

Books recommended (*not prescribed*) to indicate the standard of treatment of the topics prescribed in the syllabus :—

Introductory Text-book of Logic : S. H. Mellone, Blackwood & Sons, Edinburgh.

Intermediate Logic : Welton & Monahan, University Tutorial Press, London.

Elementary Logic, Deduction and Induction : Diwan Chand.

Inductive Logic : P. K. Ray.

A MODERN INDIAN LANGUAGE.

There will be three papers in each of these languages : each paper will be of three hours ; the first paper will be set on the prescribed Prose and the second on the prescribed Poetry and the third on Unseen and Composition. Critical questions will be set in the first and second papers.

The following are the text-books prescribed :—

Hindi.

Poetry.

1. *Tulsi Das.*—Kavitawali.

2. *Sur Das.*—Ramayana, edited by Satey and Jiwan Varma, M. A.

3. *Din Dayal Giri.*—Anyokti Kalpadrum.

4. *Bhushan.*—Chhatrasal Dashak (Nagari Pracharini Sabha, Benares).

5 *Ram Ratna.*—Alankar Prabodh (Ratanasharma, Agra.)

Prose.

1. *Jai Shankar Prasad.*—Ajata Shatru (Revised edition).

2. *Shyam Sundar Das.*—Gadya Kusumawali (Indian Press. Allahabad).

Urdu.

1. Intermediate Urdu Course by Maulvi Muhammad Ashfaq Siddiq (omitting pages 145—213), published by Ram Dayal Agarwala, Katra, Allahabad.

2. Majina-ul-Fawid by Maulvi Saiyid Hamid Ali (Ram Dayal Agarwala, Booksellers, Katra, Allahabad).

Bengali.

Poetry.

Kirtibas.—Ramayan, Ajodhya Kanda.

Michael Madhusudan Datt.—Chaturdaspadi Kabitabali, edited by Dina Nath Sanyal.

Nabin Chandra Sen.—Prabhas.

Grinda Mohini Dasi.—Ashrukana.

Prose.

Bhudeb Mukerji.—Pribarik Prabandha.

Gooroodas Banerji.—Jnan O Karma.

Ishanchandra Ghosh.—Jatak, Volume I (nos. 1—25 and introduction).

Hara Prasad Sastri.—Bharat Mahila.

Composition.

Rakhal Das Vidyaratna —Bengali Composition.

Unseen.

Tri-dhara, by Chandranath Basu, Price about Re. 1. (Recommended.)

Marathi.

1. Kewal-swarajya-sathin, by Hari Narayan Apte.
2. Jiwan Smriti, published by the Manoranjak Granth Prasarak Mandali, Bombay.
3. Wagvaijayanti or a collection of Poems of Govindagraj, published by Keshavraji Gondhlekar and printed at the Jagadhitechha Press, Poona city, Price Rs. 2.
4. Selections from Tukaram as published in the latest edition of the Navanit.

A MODERN EUROPEAN LANGUAGE.

There will be three papers of three hours each. The first paper will consist of extracts from the prescribed Text-books together with grammatical questions. The second paper will contain unseen passages for translation from French into English; these passages are not to be taken from the prescribed Text-books. The third paper will consist of a passage or passages of English prose to be translated into French.

French.

Prescribed Text-books—

ERCKMANN-CHATRIAN: Le Conscrit.

DAUDET: Tartarin sur les Alpes. (Siepmann's edition.)

MOLIÈRE: Les Femmes Savantes. (Harrap.)

Grammar recommended—

French Grammar (Sonnenschein's Parallel Grammar Series) *or* Heath's Modern French Grammar. (Harrap)

CLASSICAL LANGUAGES.

There will be three papers of three hours each in each of these languages: the first paper will be on Poetry (including Drama in the case of Sanskrit) and Unseen, the second paper on Prose and Unseen and the third paper on

Grammar, Composition, and Translation into the classical language. Questions in Grammar relating to the text may be included in each of the first two papers.

(*a*) **Sanskrit.**

Paper I.—Poetry, including Drama and Unseen.

(*a*) Raghuvamsha, Canto XIII.

(*b*) Shakuntala, Act IV.

NOTES—1. Students are expected to explain selected passages in their own Sanskrit.

2. No Prakrit passages shall be set for the examination.

Paper II.—Prose and Unseen—

(*a*) Prose—Chandrapeeda Charitam (the story of Kadambari written concisely in Bana's own words), by Pandit V. Anantacharya, published by the editor in 1917, Nungambakkam, Madras, and printed at the Law Printing House, Mount Road, Madras, price annas 6.

(*b*) Unseen—The following stories from the Mahabharata are recommended :—

(1) Nalopakhyana.

(2) Sakuntalopakhyana.

NOTE.—Easy passages from the above-mentioned books and similar passages from other similar books should be set for translation.

Paper III.—Grammar Composition, and Translation.

Books recommended :—

1. Apte's Guide to Sanskrit Composition.
2. Kale's Higher Sanskrit Grammar.
3. Vidya Bhushan's Sanskrit Grammar.
4. Bhandarkar's Second Book of Sanskrit.

In addition to the course in Grammar prescribed for the High School Examination of 1929, the course in Grammar for the Intermediate Examination of 1929 shall consist of the following :—

The remaining declensions of all nouns and pronouns, conjugations of verbs of frequent occurrence in classical

literature of all the *gunas* in all the *lakaras*, the use of *karakas*, the *samasas*, and the *krit* and *taddhita* forms.

N.B.—Sanskrit must be written in the Devanagari character.

(*b*) Arabic.

Paper I.—*Poetry and unseen.*

Text :—

(*a*) Hassan per selection in the old course.

	(*b*) شعرالنصرانيه	Page.	No. of lines	Poet.
(1)	أ اذكر حاجتي ام قد كفاني	220	9	اميه ابن الصلت
(2)	الم تران الورد عدد صدره	94	4	تبيصه بن النصراني
(3)	بكيت الفرسان و حق لناظري	147	7	عراق
(4)	لقد نصحت الاقوام و قلت لهم	414	9	ورقه بن نوفل
(5)	آ اجتمع صحوتي السحر اوتحالا	201	9	عمرو بن كلثوم
(6)	فلم تبثرانا عطفان لما	208	11	زهير بن خباب
(7)	لقيت تغالب كصبة عاد	243	9	فندالزماني
(8)	انها جاري لصمدي ماعلوا ادني عيالي	246	8	جساس بن مرة
(9)	يا كعب انل لو قصرت علي	254	9	عبدالمسيح بن عسله
	(*c*) حماسه	28	22	سموءل بن عاديا
	اذالمرء لم يدنس من اللؤم عرضه			
	(*d*) رياض الادب كنا كغصنين في جرثومة السفا	147	6	حقيقة بنت عمر والبا هلية
	(*e*) ديوان الخنساء اعيني جو و اولا تجمدا	41	10	الخنسا بنت عمرو

The selection of the above edited by Dr. A. S. Tritton recommended.

Unseen—

نوادر الحكايات by نليونى 1st half.

Paper II.—*Prose and Unseen.*

Text:—

(*a*) Selection from Ibn Khalladun printed in old course. (The biography of the Prophet.)

(*b*) Tajaribul Uman, Eclipse of the Abbaside Caliphate, volume I, pages 83 to 91. Imprisonment of Um Musa, the stewardess, and appointment of Ibn Furat as Wezir, 310 to 311 Hijra, pages 202 to 246.

Unseen—

نوادرالحكايات by تليوبي 1st half.

Paper III.—Grammar, Composition, and Translation into the classical language.

Grammar—

Mabadi-ul-Arabia, Part II, by Shartuni, Urdu edition, published by Mujtabai Press, Delhi

NOTE.—Arabic words must be written in Arabic character

(*c*) Persian.

Paper I.—*Poetry and unseen.*

Text:—

(1) دیوان عندلیب 15 I Ghazals.

(2) دیوان نظیری 15 I Ghazals.

(3) قصاید سلمان ساوجی

(*a*) اے سہان ملک را شمشیر تو مالک رقاب

(*b*) باد سحر گہی ہوای تو جان دہد

(*c*) بدل رسیدہ سحرگاہ در مقام حضور

(4) قصاید ظہیر فاریابی

(*a*) سپیدہ دم چو شدم محرم سرای سرور

(*b*) سپیدہ دم چو زند ابر خیمہ در گلزار

(*c*) شرح غم تو لذت شادی بجاں دہد

(*d*) چوں بر زمین طایعہ شب گشت آشکار

(5) یوسف و زلیخا

(a) بخواب دیدن یوسف مادر و پدر خود را up to
بلے ہر کس ز غم دارد دلے تنگ

(b) هزاراں فیض ہرجان و up to وفات یافتن یوسف
تنش بان

Recommended the selections of the above as published by Anwarul Matabay, Victoria Street, Lucknow.

Unseen.

دیوان عندلیب pages 9—21 excluding the غزل on page 13 beginning with اے دل published by Anwarul Matabay, Lucknow.—

Paper II :—*Prose and Unseen.*

Text:—

1. عذب‌البیان page 17 پوشیدہ نہ ماندکہ سرحد up to و اجارہ‌دار
سرکار وابستہ است

2. عین up to تذکرہ طرز حکومت و معاشرت — تاریخ مالکم
عدل و مروت دانند

3. بطبع up to سوانح شیخ علی حزین from the beginning
مردم بیگانہ زیادہ ملایمت نکند

4. کہ تازیان سلیمان up to حالات هوشنگ from نامۂ خسروان
دانند

5. کدورتہا up to از عنایات بیغایات الہی from توزک جہانگیري
مخزن‌الفوائد بصفا مبدل گردید

6. آئین اکبري volume III, pages 291—298, from دلاویز گفتار
شاهنشاهي up to میفرمودند no. 57.

7. تا هوا up to روز دوشنبہ دوم ذیقعدہ from سفرنامہ شاہ ایران
روشن بود اینہا مي رتصیدند

Unseen—

همایون‌نامہ by گلبدن بیگم published by Anwarul Matabay, Lucknow.

Paper III—Grammar, Composition, and Translation into the classical language.

Grammar :—مخزن الفوائد by Maulvi M. H. Nasiri, Chapters I—VII (Mission Press, Allahabad).

Students who offer Persian are required to have such a knowledge of the etymology of the Arabic language as will enable them to explain all Arabic words and phrases which may occur in the text-books and the books recommended for rapid reading in Persian.

NOTE.—Persian words must be written in Persian character.

(*d*) Latin.

Prescribed course :—

I.—Text—CICERO : In Catilinam, I and II.

„ De Senectute.

LIVY : Book XXII, Chapters 1—51.

VIRGIL : Aeneid, VI.

HORACE : Odes, Book II.

II.—Grammar :—Gildersleeve's Latin Grammar. or Allen's Latin Grammar is recommended.

(*e*) Greek.

Prescribed course :—

Text—PLATO : Apology and Crito.

SOPHOCLES : Antigone.

(*f*) Hebrew.

I—Text—SAMUEL, Book I.

PSALMS, I—LX.

II,—Genesis is recommended for rapid reading in connexion with Unseen.

III.—Grammar : —Duff's Hebrew Grammar is recommended.

PHYSIOLOGY, HYGIENE AND CHILD-STUDY.

(For female candidates only.)

NOTE.—The subject should be taught in such a way as to be practically beneficial to the students.

There will be two papers of three hours each: the first paper will contain questions on Physiology and Hygiene, the Health of the individual, Public Health and the Management of Income and the second paper on Child-Study.

Physiology and Hygiene.

The build of the body and its functions.

A.—Cells; the supporting tissues and their structure.

B.—The skeleton; bones; joints; the muscular system.

C.—Digestion and nutrition.

The organs and the process of digestion; food; the needs of the body; classes of foodstuffs; choice of diet at different ages; rules for eating; methods of cooking; the effect of cooking on foodstuff; water; the needs of the body.

Alcohol, opium, and other drugs and their effect on the body.

D.—The excretory system.

The skin; kidneys; bowels.

E.—The circulation of the blood.

The heart; arteries; viens; capillaries. The regulation of the blood supply. Composition of blood and its work in the body.

F.—Respiration.

The lungs; trachea; larynx. Breathing. Oxygen and the blood.

The composition of pure and impure air. Ventilation.

G.—The sense organs and the nervous system.

The nerves; spinal cord; brain; reflex action. The senses of sight, hearing, smell. The structure and hygiene of the eye; ear; nose. The senses of touch; pain; temperature.

The Health of the individual.

A.—Habits, occupations, exercise, recreation, rest, sleep.

B.—Choice of clothing.

C.—Treatment of minor ailments, e. g., ear-ache, colic, etc.

D.—Precautions against common diseases, e. g., malaria, tuberculosis, etc.

Public Health.

A.—Responsibility of the individual.

B.—Disposal of refuse and waste water. Drainage. Latrines.

C.—Water supply Food supply.

D.—Prevention and arrest of infectious diseases.

E.—Gardens. Play grounds. Open spaces.

F.—Modern movement for the education of society in the laws of health, e.g., "Child Welfare."

The Management of Income.

The distribution of income: housing; food; dress; edution; recreation; ceremonials.

Distribution of expenditure of allowance for food.

Child-Study.

The study of children's development from the point of view of physique, intelligence, and character, based as far as possible on the observation of individuals and classes.

An elementary study of the means by which children acquire knowledge and skill, including such as the following:—

The senses and sense training; instincts and their relation to children's interests; forms of activity and

expression ; the function of play ; imitation and suggestion ; habits and their formation, memory and imagination ; interest and attention ; the formation of clear and connected ideas ; simple processes of reasoning ; growth of the will.

The aims and methods of discipline ; training in responsibility, in the right use of freedom and in the social duties.

Books of reference.

* Elementary Physiology. W. B. Drummond 2*s.* 2*d.* Publisher, Arnold.

* Elementary Hygiene for India. C. Beresford. Lahiri & Co , College Street, Calcutta.

Physiology and Hygiene. G. D. Cathcart. Macmillan.

Elementary Physiology. Bhata and Suri, Longmans, Green & Co.

Child Mind, by Dumville.

Modern Psychology. Meredith (Constable).

Dawn of Mind. Drummond (Arnold).

The books marked * indicate the scope of the work required in Physiology and Hygiene.

COMMERCIAL DIPLOMA EXAMINATION OF 1929.

The following are the subjects of examination :—

Compulsory subjects—

1. English, including correspondence.
2. Book-keeping and Accountancy.
3. Business Methods and Elementary Economics.

Optional subjects—

One of the following :—

1. Commercial Geography.
   (*a*) General,
   (*b*) India,

   or

2. Typewriting,

   or

3. Shorthand.

The following papers will be set :—

1. *English, including correspondence.*—Two papers of three hours each.

2. *Book-keeping and Accountancy.*—Two papers of three hours each.

3. *Business Methods and Elementary Economics.*—Two papers of three hours each; one paper on business methods and one paper on Elementary Economics.

4. *Commercial Geography.*—One general paper of three hours. One paper on the Commercial Geography of India of three hours.

5. *Typewriting.*—One paper of three* hours.

6. *Shorthand.*—One paper of three hours.

The syllabus in each subject is as follows :—

English, including correspondence.—

First paper—Commercial English—

This will consist of—

(*a*) Draft of commercial and official correspondence.

(*b*) Re-writing in plain language of passages from market reports (financial and commodity markets)

---

* Theory paper—Two hours.
Type-copying—One hour.

with explanations of selected terms and phrases occurring in the passage.

(*c*) Précis-writing.

Books recommended (not prescribed):—

Modern Commercial Correspondence, by John K. Grebby, MacDonald & Evans, London.

Second Paper—General English.

This will consist of—

(*a*) Translation from indirect to direct speech and vice versa.

(*b*) Re-writing of incorrect or badly constructed sentences.

(*c*) Synthesis of simple sentences and the resolution of complex sentences.

(*d*) An essay on a subject of general interest.

Books recommended (not prescribed):—

A Course of practical English, by E. J. Belly, G. Bell & Sons, Ltd.

How to summarise, expand or recast, by J. C. Nesfield, Macmillan & Co., Ltd.

Modern English, by Brown and Walker, Macmillan & Co.

Tale of Two Cities (abridged edition).

Vicar of Wakefield (abridged edition).

Book-keeping and Accountancy.—The principles of Double Entry Book-keeping and their application. Books of original entry, including Tabular Forms. The Ledger. Trial Balance. Manufacturing, Trading, and Profit and Loss Accounts, with apportionments and adjustments. Balance-sheets. Loose Leaf and Card Index system of Book-keeping. Self-Balancing Ledgers. Single Entry Book-keeping.

In the treatment of the above the following matters will be included:—Cheques, Bills of Exchange and Promissory Notes; Goodwill; Classification of Assets; Bad debts;

Depreciation, Reserves and Sinking Funds; Consignment, Joint Venture and Contract Accounts; Partnership and Company Accounts (including the Double Account system), Capital and Revenue; Investment Accounts; Accounts Current and Average Due Dates.

Books recommended :—

Students' Elementary Book-keeping, by Arthur Fieldhouse, Simpkin-Marshall & Co., Limited, London, E. C. 4.

Advanced Accounts (third edition), by J. R. Batliboi, S. Govind & Co., Bombay.

Advanced Accounts, by R. M. Carter, published by Pitman.

Business methods.—1. The general routine of a Business House:—Inward and Outward correspondence (excluding drafting); Methods of rapid communication; Duplicating processes.

2. The significance of Trade, Commerce, and Industry; Manufacturing and Distribution House. The buying and selling of goods. Mercantile Enquiry Agencies. Importation and Exportation of goods. Documentary Bills. Elementary Fire and Marine Insurance as applicable to this section. Use of Card Indexes.

3. The meaning of the principal commercial terms occurring in connection with the above and the preparation of the chief documents involved, including arithmetical calculations.

4. An elementary knowledge of the Law relating to Contracts, and Negotiable Instruments.

Contract Law.—Agreements that are contracts; essentials of a good contract; offer and acceptance; genuineness of consent; contractual capacity of parties; legality of objects (agreements, unlawful, immoral, and against public policy void); performance and discharge of contracts; breach of contract; damages.

Sale of goods.—Sale of ascertained and unascertained goods, passing of ownership, delivery, actual and constructive implied warranties, rights of unpaid seller.

Negotiable instruments.—Making, drawing, accepting, and endorsing of Promissory notes, Bills of exchange and cheques, holder in due course, dishonour, noting and protest, presentment for payment and acceptance, acceptance for honour.

Books recommended :—Modern Business Training, by John K. Grebby, Macdonald & Evans, London.

Elementary Economics.—(The treatment of the subject should be very elementary and as far as possible it should be illustrated by reference to Indian conditions.)

The subject-matter and scope of Economics, fundamental notions and simple definitions. Relation between wants, efforts and satisfaction.

Production.—Factors of production : Land, Labour, Capital and Organization.

Nature and Limitations of Land ; Division of Labour and other factors of efficiency of labour ; Organization of capital.

Laws of increasing, diminishing and constant returns.

Wants.—Diminishing utility. Value—its determination. Balancing of supply and demand.

Machinery of Exchange.—Money and its functions. Qualities most desirable in currency—legal tender—token money—Gresham's Law—Paper Currency—Convertible and Inconvertible credit—Credit instruments—Bills of Exchange—Cheques.

Indian Currency.—The Gold Exchange Standard—The Gold Standard Reserve, Council Bills—Reverse councils—Indian Currency during and since the war—Indian Banks and the chief functions performed by them—the Imperial Bank, the Exchange Banks and Indian Joint Stock Banks.

Distribution.—Rent—interest—wages—profits (with particular reference to Indian conditions).

Books recommended :—

PENSON: Economics of Every Day Life, Part I.

MORELAND: Introduction to Economics.

JEVONS: Money and Banking in India.

Introduction to Economics for Indian Students, by W. H. Moreland, Macmillan & Co., St. Martin's Street, London.

The Economics of Every Day Life, by Sir T. H. Penson, Cambridge University Press.

Commercial Geography.—*A. General.*—I. (*a*) Physiographic Control of Commerce. Climate. Effect of climate on vegetation. Vegetation regions. Distribution of important commodities as wheat, rice, cotton, barley, flax, jute, etc., and conditions under which they are severally produced.

(*b*) Vegetation, its relation to industries.

(*c*) Trade routes connecting the most important regions producing the different commodities as studied above and the important markets for them. Ports. Localisation of Industries.

II. A study of the various types of geographical regions from the standpoint of commerce, particularly of the West marginal type in Europe, the East marginal type in Monsoonal Asia, and of continental types in N. America.

(This would imply an intelligent study of the physical features of the different regions, more particularly in relation to their effects on climate, agricultural production, and the easiest lines of inland communication, whether by water, road or rail. Special attention should be paid to the geographical distribution of industries.)

B. India.—A study of the Commercial Geography of India on the regional basis involving the study of—

(*a*) Surface features and physical structure.
(*b*) Climate.
(*c*) Agricultural products.
(*d*) Irrigation.
(*e*) Distribution of minerals.
(*f*) Industries.
(*g*) Communications.

NOTE.—In the study of regional types special attention may be devoted to the parts of the British Empire occurring in these types.

Books recommended :—

Smaller Commercial Geography, by G. G. Chisholm, Longmans, Green & Co., 39, Paternoster Row, London.

TYPE-WRITING.

This will be the same as in Commerce for the High School Examination of 1929 but of a more advanced character—the speed to be 30 words per minute.

The maximum marks and the time allotted to the papers in this subject are as follows:—

		Marks.	*Time allowed.*
Theory paper		30	2 hours.
Type-copying	(*a*) Passage and letter...	50	1 hour.
	(*b*) Tabular statement ...	20	
	Total ..	100	3 hours.

Books recommended :—

1. Expert Typist, by J. A. Rosemond, Methodist Publishing House, Lucknow (or any other good Manual, such as Smith's, Pitman's or Remington's).

2. A Typewriting Manual for Indian Students, by E. M. Moffatt and V. A. Kshirsagar, Methodist Publishing House, Lucknow.

SHORTHAND.

1. Writing in Shorthand from a passage dictated at the rate of 80 words a minute, for a period of ten minutes.

2. Writing in Shorthand from a business letter of general commercial phraseology, dictated at the rate of 80 words a minute, for a period of five minutes.

3. Transcription of both the above.

Books recommended :—

Pitman's Instructor, by Pitman & Sons, London.

AGRICULTURAL DIPLOMA EXAMINATION OF 1929.

N.B.—Preference for admission to this course will be given to candidates who have studied (*a*) Chemistry and Physics or (*b*) Agriculture for their admission test examination.

The following are the subjects of examination :—

Group I
1. Elementary Farm Chemistry.
2. Elementary Farm Physics.

Group II
1. Botany.
2. Elementary Zoology.

Group III Agriculture A
1. Farm Crops.
2. Elementary Economics.
3 Horticulture.
4. Climatology.

Group IV Agriculture B
1. Introduction to Animal Husbandry.
2. Elementary Irrigation and Drainage.
3. Farm Machinery.

Group V English.

The following papers will be set :—

Group I
1. Elementary Farm Chemistry—One paper of three hours.
2. Elementary Farm Physics—One paper of three hours.

Group II
1. Botany—One paper of three hours.
2. Elementary Zoology—One paper of three hours.

Group III Agriculture A
1. Farm Crops and Elementary Economics—One paper of three hours.
2. Horticulture and Climatology—One paper of three hours.

There will be a practical examination of two hours in Farm Crops and Horticulture only in this Group.

Group IV Agriculture B
1. Introduction to Animal Husbandry—One paper of three hours.
2. Elementary Irrigation and Drainage and Farm Machinery—One paper of three hours.

There will be a practical examination of two hours in Introduction to Animal Husbandry and Farm Machinery only in this group.

Group V English—Two papers of three hours each. The first paper will be on composition and translation and the second paper on general topics of interest based on newspaper reading, not of a political character.

There will be no separate practical examination in the following but, practical questions will be included in the theoretical papers :—

Farm Chemistry, Farm Physics, Botany, Zoology, Economics, Climatology, and Irrigation and Drainage.

The syllabus in each subject is as follows :—

GROUP I.

ELEMENTARY FARM CHEMISTRY.

(1) *Inorganic.*

Common properties of matter.

Atoms, molecules, symbols, formulae, equations and chemical calculations.

The fundamental principles of Chemistry, the atomic theory, laws of definite and multiple proportions. Avogadro's hypothesis, Boyle's and Charles' laws, elements, compounds, chemical combination and mechanical mixture.

The sources, preparation and properties of the following elements and their compounds which are of importance in connection with Agriculture :—

Hydrogen, oxygen and water. Temporary and permanent hardness of water, method for softening them.

Nitrogen, ammonia, oxides of nitrogen, nitric acid and the nitrates. Nitrification.

The atmosphere. The physical and chemical properties of the air and its constituents.

Oxidation and reduction. Acids, bases and salts.

Halogens :—Chlorine, hydrochloric acid and the chlorides.

Sulphur :—Sulphur dioxide and trioxide, sulphuric acid and the sulphates, sulphuretted hydrogen and the sulphides.

Phosphorus :—Phosphorus pentoxide, phosphoric acid and the phosphates.

Arsenic and arsenious oxide.

Silicon, silica and the silicates.

Carbon and carbonic acid and the corbonates.

The following metals and their chief compounds :—Sodium, potassium, ammonium, lead, copper, iron, aluminium, calcium, manganese and magnesium.

(2) *Organic.*

Occurrence, preparation, properties and uses of—

Common saturated and unsaturated hydrocarbons, alochols, fatty acids, fats, oils, soaps, carbohydrates and organic nitrogenous compounds.

Laboratory work to consist of experiments, recorded in note-books based upon the problems developed from the syllabus.

The following books are suggested for reference :—

1. " Every Day Chemistry," Alfred Vivian, American Book Co., New York. Price about Rs. 5.

2. A foundation course in Chemistry for students of Agriculture and Technology, by J. W. Dodgson & J. A. Murray, Longmans, Green & Co., Calcutta. Price about Rs. 3.

3. Introduction to the Study of Inorganic Chemistry, by W. A. Miller, Longmans, Green & Co., Calcutta. Price about Rs. 4.

4. Agricultural Chemistry, by R. H. Adie & T. W. Wood, Vol. 1, Kegan Paul, Trench, Trubner & Co., Ltd., Paternoster House, Charing Cross Road, London. Price about Rs. 4.

5. Organic Chemistry, by Perkin and Kippling, W. R. Chambers, I td., London. Price about Rs. 7.

6. Elementary Agricultural Chemistry, by H. Ingle Charles, Griffin & Co., Ltd., London. Price about Rs. 4.

ELEMENTARY FARM PHYSICS.

1. Units and measurements, metric system, length, area and volume. The balance and methods of weighing. Use of screw gauge and callipers. Mass and density.

2. Gravitation; falling bodies.

3. Liquids and gases. Forces due to weight of a liquid. Forces transmitted by a liquid. Archimedes' principle. Properties of gases. Expansibility and compressibility of gases. Atmospheric density and barometers. Applications of air pressure; pumps.

4. Heat. Effect of heat on solids, liquids and gases. Change of volume with temperature Thermometers. Transference of heat.

5. Light; rectilinear propagation of light. Shadows. Lenses. Images. Refraction. Colour.

6. Magnetism, magnetic forces and magnets. Compass.

7. Electricity. Production of electricity by friction. Properties of a charged body. Insulators. Conductors. Electroscopes. Batteries. Magnetic effect of currents. Electro-magnetic induction.

Laboratory work to consist of experiments, recorded in note-books, based upon the problems, developed from the syllabus.

The following books are suggested for reference:—

A High School Course in Physics, by F. R. Gorton, D. Appleton & Co., New York. Price about Rs. 5.

SOILS (SOIL PHYSICS).

The origin of soils and processes of their formation.

The nature of soil constituents, sands; clay chalk, and humus.

The classification of soils according to their constituents and origin.

Soil properties.

Manures—(*a*) Organic manures; (*b*) Chemical fertilizers.

The following books are suggested for reference :—

1. "The Soil." by A. D. Hall, John Murray, London.
2. "The Physical Properties of Soils," by A. G. McCall, Orange Judd & Co., New York. Price about Rs. 2-12.
3. "First Principles of Soil Fertility," by Alfred Vivian, Orange Judd & Co., New York, or Christian Book and Tract Society, Allahabad. Price Rs. 2-7.
4. "Soils, their Properties and Management" Lyon, Fippin and Buckman, Macmillan & Co., New York. Price Rs. 10.
5. "Soils and Fertilizers," Harry Snyder, Macmillan & Co., New York.

GROUP II.

BOTANY.

1st year.

Fundamental Principles of Biology (Introductory).

General morphology (study in detail) : –

Root and its modification.

Stem and its modification.

Leaves– arrangement of leaves, modification of leaves.

Flower—inflorescence, floral leaves, floral diagram.

Pollination – floral adaptations.

Fruits—classification and dispersal.

Life history of maize and pea.

Internal anatomy.—Study of cell ; elementary histology of root; stem, leaf.

2nd year.

Physiology (study in outline) :—
Chemical composition of the plant.
Absorption of nutrient substances.
Assimilation of food materials.
Transpiration.
Growth.
Reproduction (including germination of seed).

Classification—Principles of classification.

Study of Bacillus, Mucor, Spirogyra.

Fern and the following orders :—
Leguminaceae (Papillionaceae).
Cruciferae.
Malvaceae.
Solanaceae.
Cucurbitaceae.
Graminaceae.

Weeds—any plant out of place—Common weeds of cultivation—Method of dispersal and perenation—relation to weed control—Weeds as related to different soil conditions—of rice land—of dry grain land—Weeds as indicators of soil conditions.

The work should be such that the students are enabled to make their own observations and deductions. Field excursions under proper supervision should be carried on regularly, special attention being given to field crops.

Students will be required to submit at the final examination notes of field observations and work in the laboratory certified by the lecturer.

The following books are suggested for reference :—

1. " Text-book of Botany " (Indian Edition), Lowson & Sohni, London University Tutorial Press or Thacker, Spink & Co.
2. " Practical Botany," Cavers, London University Tutorial Press or Thacker, Spink & Co.

3. "Manual of Botany for Indian Schools," Government Press, Madras.
4. "Agricultural Botany," Perival Duckworth & Co., 3, Henrietta St., Covent Garden, London, W. C., or Thacker, Spink & Co.

ELEMENTARY ZOOLOGY.

Distinctive properties of protoplasm, nutrition, growth, respiration, secretion, excretion and reproduction.

The cell—its methods of division and differentiation.

Practical acquaintance of the following:—

Amoeba, paramoecium, earthworm, cockroach, frog, rabbit (or other small mammal).

Each candidate will be required to submit notes of work in the laboratory properly certified by the lecturer.

The following books are suggested for reference:—

1. "Practical Zoology," Parker & Parker, Macmillan & Co.
2. "A Text-book of Zoology," Wells & Davis, London University Tutorial Press, or Thacker, Spink & Co.
3. "Agricultural Zoology," Theobald, Wm. Blackwood & Sons, Edinburgh.

GROUP III.

AGRICULTURE A.

Farm Crops.

Classification, origin and distribution of farm crops.

Early culture of plants; number of cultivated plants, classification by use, important botanical groups, most important crops, factors affecting culture of crops.

Cropping systems:— Productiveness, effects of cropping, single system, alternating, rotation, results and effects of different systems.

Juar :—Origin, classification, varieties, growth and development, effect of climate, soils for juar and potatoes, importance of adaptation, fertilization, selection, improvement, tests, preparation of land, tillage, harvesting and utilizing, insects and diseases, seed judging.

Crops to be studied :—

(1) *Cereals :* Wheat, millets, etc.
(2) *Fibres:* Cotton, flax, etc.
(3) *Oil-seeds :* Castor, linseed, etc.
(4) *Roots :* Carrots, turnips, etc.
(5) *Legumes :* Peas, groundnuts, etc.
(6) *Fodder :* Juar, lucern, etc.
(7) *Miscellaneous :* Tobacco, tea, etc.

The following books are suggested for reference :—

1. Agricultural Note-book of Facts and Figures for the United Provinces to be published shortly by the Department of Agriculture, United Provinces.
2. The Complete Farmer, by Premirose McCommell, Cassell & Co., London.

ELEMENTARY ECONOMICS.

Introduction.—What is Economics? Why is one nation richer than another? Why is one man richer than another? What is wealth? How does it differ from income? The whole course is an answer to these questions.

Production.—What does it cost to produce wheat on a village farm in the United Provinces? Cost of labour, ploughing, sowing, weeding, reaping, threshing, etc. Purchase and depreciation. Interest on all expenses till the crop is sold. Rent of the land and transportation to the bazaar. Cost of supervision.

Examine similarly the cost of producing and marketing milk and other common necessities.

Exchange.—Has it paid to produce wheat and milk at the above cost? What are the present prices of wheat, milk, etc., in the United Provinces for different qualities at different seasons and for the last five years? What causes these differences and changes? Laws of supply and demand and causes for variation. Relation of prices to cost of production over a period of years.

Consumption.—Why do we demand wheat, cotton, milk, pottery, tools? Wants and their varying importance. Necessities, comforts, luxuries. Division of income between various wants. Budgets of students and villagers. Do we get equal satisfaction from equal expenditure? How do we change our purchase when prices fall and when our incomes increase?

Difference in the cost of production and distribution.—Why do rents differ? Kinds of land. Advantages of fertility and situation.

Why do rates of interest differ? Short and long loans; risks and management of loans. Co-operative credit. Relation of the rate of interest to the supply of capital. Causes of saving.

Why do wages differ? Grades of labour. Efficiency of labour. Real and nominal wages. Cost of living and the standard of living. Relation of wages to the supply of labour. Relation of birth-rates and death-rates to income

Organization and management.—In what different ways might wheat be produced? Does the method depend upon situation? Wages? The rate of interest? Education? Quality of the product? How is the method actually determined? By whom?

Carry out this reasoning for milk and other common necessities

In what cases is it most profitable to use a railway, a bicycle and one's feet? Compare the uses of handwriting, typewriting and printing press. Hand sewing and the

sewing machine. Why do primitive methods continue in use along with more advanced ones?

Money, banking and foreign exchange, barter, uses of money, reasons for minting and for free coinage, paper money and cheques. The work of banks and their economic importance. India's foreign trade and its advantages.

Taxation.—The necessity for taxation. The income-tax, custom duties, land revenue and excise. Who bears these taxes? Reasons for progressive taxation. Imperial and local taxation.

The following books are suggested for reference:—

1. Elements of Economics, Vol. I, by Alfred Marshall, Macmillan & Co., London.
2. An Introduction of Economics for Indian students, by Moreland.

HORTICULTURE.

Vegetable Gardening.

The place of vegetable on the farm—as a main crop—as a side issue—yield per acre—expense—relation to other farm operations.

Food value of vegetables and fruit—as substitute for grains and meat—carbohydrates contained—as addition to grains and meats—acids, minerals and vitamines—different types of food and their functions—roughage and variety—vegetables necessary in balanced ration. Types of vegetables—annuals and perennials—root, tuber, bulb, foliage and fruit vegetables.

General production—seed; its acquisition; growing seed; seed selection; seed preservation; the seed bed; its necessity, preparation and treatment—preparation of land, clearing, levelling, grading, manuring, fencing, division into plots, irrigation systems, paths, planting, in field or beds, transplanting, thinning, weeding, cultivation, irrigation, harvesting, marketing.

Special crops—potato, tomato, brinjal, peppers, the legumes, beets, turnips, carrots, radishes, lettuce, celery, sweet potato, yam, cole crops, cucurbits, okra, spinach, sag, maize, onion, leek, garlic, asparagus, globe and Jerusalem artichokes.

The following books are suggested for reference:—

1. "Firmenger's Manual of Gardening for India," W. Burns, Thacker, Spink & Co., Price Rs. 10.
2. "Gollan's Indian Vegetable Garden," Noraml Gill, Thacker, Spink & Co.,

or

Fruit Growing.

Opportunities. Demand for fruit; wealth of varieties; suitability of climate; long season; present small production; present inferior quality; possibilities in quality; production of superior quality.

Choice of enterprise; selection of land; favourable climate; fertile soil, slope for irrigation, drainage and prevention of erosion, size and shape; available labour, available market, roads and railroads in fruit-growing district; spirit of people; condition for family life; religious, school, medical aid; water supply; selection of fruits to be grown; advantages of specialization; and generalization; suitability to region; experience of grower; demand of market; ripening season.

Preparation of land; levelling and grading; locating farm buildings; manuring; fencing; irrigation system.

Planting orchard; propagation of trees; raising seedlings; budding and grafting stock and scions; planting plan; square, hexagonal and quincunx system; distant apart; locating positions in field; setting trees; protection of small trees.

Cultivation; clean *vs.* sod; cover crop in rains; ploughing; harrowing; interculture when trees are small.

Irrigation; need; sources of water; pumps and wells; distributing system; canals and bunds; pipe; application to soil; principles; effect of mulch; flooding; furrow irrigation; methods; amounts; frequency.

Measures and fertilizers; elements used by plants; nitrogen, phosphorus and potassium; work of fertilizers; types used in orchards; methods of application.

Pruning; kinds; need; object; instruments; time how to make cuts desirable shape; pruning nursery stock; young trees; mature trees; rejuvenation; care of wounds; how wounds heal; dressing; root pruning; object; methods.

Thinning; definition; advantages; methods; extent; time.

Insect and disease control; damage done; type of insect; their control; types of diseases; their control; spraying; dusting; fumigation; natural enemies; resistant varieties and stocks.

Harvesting; time; picking practices; ladders; shears; receptacle; handling in field; sorting; grading; packing.

Marketing; contracting; retailing; shipping; difficulties; opportunities for co-operation.

Storage; desirability; possibility; conditions; cold storage.

Preservation and products; tinning jams and jellies; drying; great opportunity; extends market; extends season; makes demands more uniform; papain from papayas.

Special fruits; citrus; mango; guava; custard apple; papaya; date; loquat; litchi; pomegranate; mangosteen; jack-fruit; banana; cocoanut; pineapples; temperate fruits; new fruits (history, geography, description, value and culture of each of the common fruits).

The following books are suggested for reference :—

1. "Manual of Tropical and Sub-tropical Fruits," Popenoe, Macmillan & Co., New York. Price Rs. 15.

2. "Firmenger's Manual of Gardening for India," W. Burns, Thacker, Spink and Co. Price Rs. 10.
3. "Modern Fruit Growing," by Seabrook, W. R. Seabrook & Sons, Ltd., The Nurseries, Chelmsford.

CLIMATOLOGY.

Instruments used in Indian observations, the method of interpreting the observations, weather in India; effects of weather changes on crops; distribution of crops and pest according to climates.

The following books are suggested for reference:—

1. "Agricultural Meteorology," by Warren Smith, Macmillan & Co., New York.
2. "Forecasting Weather," by W. A. Shaw, Constable & Co., London.

GROUP IV.

AGRICULTURE B.

INTRODUCTION TO ANIMAL HUSBANDRY.

PART 1.—Judging, Placing with reasons market classes of dairy cattle, draft cattle and poultry, including trips to farms of prominent live-stock breeders.

PART 2.—Feeds, feeding and management. Handling of feeding stuffs and compounding rations. The care and handling of all classes of live-stock mentioned in Part I above, including housing. The marketing of their products.

PART 3.—Elementary principles of veterinary science. External and internal anatomy of the cow and domestic fowl.

Physiology of (1) Digestion, (2) Milk secretion, (3) Reproduction, (4) Muscular system.

The following books are suggested for reference :—

1. "Feeding of Crops and Stock," by A. D. Hall.
2. "The Complete Farmer." by Premirose McCommell.
3. "Judging Live-stock," John A. Craig, Kenyon Printing Co., Des Moines, Iowa. Price Rs. 7.
4. "Feeds and Feeding" (abridged edition), by Henry & Morrison, Publishers, Henry & Morrison, Madison. Wiscon. Price Rs. 10.

ELEMENTARY IRRIGATION AND DRAINAGE.

I.—Irrigation.

1. Hydraulic terminology; definition of terms to be used.

2. Sources of water for irrigation; canals for flow irrigation. Lift irrigation; well irrigation.

Tanks—Advantages and limitations of tanks—Design of tanks, with regard to capacity when full, effect of shape and depth on evaporation loss, average annual evaporation loss from open bodies of water; effect of tanks on mosquito control.

Limiting factors and difficulties in pumping from a river.

3. Elementary types of pumps and water-lifts, bullock and handpower. Water-supply for use in the home.

4. Distribution systems—

Flow systems, *pakka* and *kachcha* channels.

II.—Drainage.

1. Conditions making drainage necessary or profitable in India; types of soils and situations which usually require drainage. Possible relations between irrigation and drainage.

2. Types of drains, open ditches, "blind stone" drains, drainage by "mole-hole machine," tile drains, adaptability to different uses, principles governing installation as proper levels, depth to be laid, types of outlet.

The following books are suggested for reference :—

1. "Agriculture and Irrigation in continental and tropical climates," K. D. Doyle, Thacker, Spink & Co., Price Rs. 16-8.
2. "Irrigation and Drainage," by King, Mount Pleasant Press, Horrisburg Pa.

FARM MACHINERY.

Course to treat of the common machines used for the following purposes:—

1. Preparation of soil—
   Plough, harrow, roller, drag.
2. Seeding—
   Various types of seeders from deshi plough with bamboo attached to large grain drills.
3. Weeding and cultivation—
   Hand-tools such as khurpee, phawra, hoe, etc., cultivators adapted to animal draft.
4. Harvesting methods and machines—
   Hand and power.
5. Threshing machinery, silage-cutter and other machines for preparing crops for use.

This term's work to treat of one type of internal combustion oil engine of any well-known make.

Carpentry or workshop practice in wood during the 1st year.

Smith or workshop practice in iron during the 2nd year.

Application of triangle of forces. Equilibrium of parallel forces. Principle of moments.

Work and energy. Friction. Machines; principles of the pulley lever, inclined plane, screw and wedge.

The following books are suggested for reference :—

1. "Farm Mechanics," by Crawshaw and Behman Manual Arts Press, Peoria, III.
2. "Farm Machinery and Farm Motors," Davidson, Thacker, Spink & Co. Price Rs. 11-8.

ELEMENTARY SURVEYING.

1st year.

The value of mensuration; drawing to scale; preliminary considerations when commencing a survey. Knowledge of apparatus used in ordinary survey—not including levels, Surveyors' field-book, ability to enter up neatly and correctly from data collected in the field. Errors in measurement. Each student should know the length of his average pace. The length of a chain and a tape in use should be marked on the floor of one of the College verandahs and variations during different times of the year in length recorded.

Measurement of fields not requiring use of offsets. Measurement and entry in field-book of offsets. Plotting from field-book with offset scale. How to pole out a line when surveying over hilly ground. The survey by plain chain traversing of a small plot such as the lawn in front of the College.

2nd year.

The survey of a small plot such as the lawn in front of the College, including roads and hedges surrounding it. Plotting of the survey to a definite scale.

Ability to traverse with chain and prismatic compass Reduction of bearings.

Levelling—Ability to set up and use the builders and contractors' level, the Dumpy level with staff and to make entries in the level book. How to reduce levels. How to plot levels on a survey map.

A level survey of a definite piece of ground to be done and a map prepared of the same showing contour lines.

The following books are suggested for reference :—

1. "Agricultural Surveyors and Estate Agent's Hand-book of Practical Rules, Formulae, Tables and Data," T, Bright, Thacker, Spink & Co. Price Rs. 7-8.

2. " Practical Surveying and field work," by Salmon, Charles Griffin & Co., London.

Sources of power for pumping.

A comparison of engines, including steam, electricity and oil engines with each other and with oxen as to capacity, cost of installation, depreciation and repair, number of men required and cost per unit of water or land. The comparison to be limited to information not necessitating the detailed study of engines.

Distribution systems:—

Pipe systems with valve outlets and pressure, and pipe with stand-pipe outlets for surface irrigation. Sub-surface irrigation. Overhead irrigation.

GROUP V.

GENERAL ENGLISH.

The following books are suggested for reference:—

1. Men and Books, R. L. Stevenson.
2. The Little Minister, J. M. Barrie.
3. Daddy Long Legs, Jean Webster.

LIST OF INSTITUTIONS IN THE UNITED PROVINCES RECOGNIZED FOR THE EXAMINATIONS CONDUCTED BY THE BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION OF 1928.

List of Intermediate Colleges in the United Provinces (not maintained by Government) recognized for the Intermediate Examination of 1928.

Serial no.	Name of college.	Subjects in which recognition has been given.	Remarks.
		MEERUT DIVISION.	
1	Meerut College, Meerut ..	English, Persian, Sanskrit, History, Logic, Economics, Mathematics, Physics and Chemistry.	
2	D. A.-V. Intermediate College, Dehra Dun.	Ditto ..	Provisional recognition extended to 1929.
3	N. R. E. C. Intermediate College, Khurja, district Bulandshahr.	English, Persian, Sanskrit, Modern History, Logic, Mathematics, Physics, Chemistry, Economics, Civics, Urdu and Hindi*	Ditto. *Recognized provisionally in Civics, Urdu and Hindi up to 1929.
		AGRA DIVISION.	
4	Agra College, Agra ..	English, Persian, Sanskrit, History, Logic, Economics, Mathematics, Physics, Chemistry and Biology.	
5	St. John's College, Agra ..	English, Persian, Sanskrit, Logic, Modern History, Economics, Mathematics, Physics, Chemistry and Biology.	

6	Radhaswami Educational Institute, Agra.	English Persian, Sanskrit, History, Logic, Mathematics, Physics, Chemistry, Biology and Economics.	
		ROHILKHAND DIVISION.	
7	Bareilly College, Bareilly ..	English, Persian, Sanskrit, Modern History, Logic, Economics, Mathematics, Physics and Chemistry	
8	Shyam Sundar Memorial Intermediate College, Chandausi, district Moradabad	English, Persian, Sanskrit, Modern History, Logic, Mathematics, Physics, and Chemistry.	
		ALLAHABAD DIVISION.	
9	Christ Church College, Cawnpore ..	English, Persian, Arabic, Sanskrit, Latin, Modern History, Ancient History, Logic, Economics, Mathematics, Physics and Chemistry.	
10	D. A.-V. College, Cawnpore ..	English, Persian, Sanskrit, History, Logic, Civics, Economics, Urdu, Hindi, Mathematics, Physics and Chemistry*.	*Recognized provisionally in Civics, Urdu, Hindi, Physics and Chemistry upto 1929.
11	Ewing Christian Intermediate College, Allahabad.	English, Persian, Sanskrit, Latin, Modern History, Ancient History, Logic, Economics, Geography, Mathematics, Physics, Chemistry and Biology.†	†Recognized provisionally in Geography up to the Intermediate Examination of 1929.
12	Kayastha Pathshala Intermediate College, Allahabad.	English, Persian, Sanskrit, Modern History, Ancient History, Logic, Economics, Mathematics, Physics, Chemistry and Biology	
13	Anglo-Bengali Intermediate College, Allahabad.	English, Sanskrit, Modern History, Logic and Mathematics.	Recognized provisionally up to the Intermediate Examination of 1930.
		BENARES DIVISION.	
14	Udai Pratab College and Hewett Kshattriya School, Benares.	English, Persian, Sanskrit, History, Logic, Mathematics, Physics, Chemistry and Economics.	

Serial no.	Name of college.	Subjects in which recognition has been given.	Remarks
		GORAKHPUR DIVISION.	
15	St. Andrew's College, Gorakhpur ..	English, Persian, Sanskrit, History, Logic, Mathematics, Physics, Chemistry and Biology.	Recognized provisionally in Biology up to 1930.
		LUCKNOW DIVISION.	
16	Lucknow Christian College, Lucknow	English, Persian, Arabic, Sanskrit, History, Logic, Economics, Mathematics, Physics, Chemistry and Biology.	
17	Shia Intermediate College, Lucknow	English, Persian, Arabic, History, Logic and Mathematics.	Provisional recognition extended to 1930.
18	Kanya Kubja Intermediate College, Lucknow.	English, Persian, Sanskrit, History, Logic, Economics and Mathematics.	Provisional recognition extended to 1929.
		GIRLS' COLLEGES.	
19	Crosthwaite Girls' Intermediate College, Allahabad.	English, Persian, Sanskrit, History, Logic, Mathematics, Economics, Hindi, Urdu and Bengali.	Recognized provisionally in Urdu, Hindi and Bengali up to 1930.
20	Isabella Thoburn College, Lucknow	English, Persian, Sanskrit, Latin, French, Modern History, Ancient History, Logic, Economics, Mathematics, Physics, Chemistry, Biology and Physiology, Hygiene and Child Study*	*Recognized fn Physiology, Hygiene, and C. S. up to 1930.
21	Theosophical National Girls' School and Women's College, Benares.	English, Sanskrit, Modern History, Logic and Economics.	Provisional recognition extended to 1930.

List of Government Intermediate Colleges recognized for the Intermediate Examination of 1928.

		ROHILKHAND DIVISION.
22	Government Intermediate College, Moradabad.	English, Persian, Arabic, Sanskrit, History, Logic, Mathematics, Physics and Chemistry.
		ALLAHABAD DIVISION.
23	Government Intermediate College, Allahabad.	English, Persian, Arabic, Sanskrit, History, Logic Mathematics, Physics, Chemistry and Biology.
24	Government Intermediate College, Etawah.	English, Persian, Arabic, Sanskrit, History, Logic, Mathematics, Physics and Chemistry.
		JHANSI DIVISION.
25	Government Intermediate College, Jhansi.	English, Persian, Arabic, Sanskrit, History, Logic, Mathematics, Physics and Chemistry
		BENARES DIVISION.
26	Queen's Intermediate College, Benares	English, Persian, Arabic, Sanskrit, History, Logic, Mathematics, Physics, Chemistry, Biology and Economics.
		KUMAUN DIVISION.
27	Government Intermediate College, Almora.	English, Persian, Arabic Sanskrit, History, Logic, Mathematics, Physics, Chemistry and Economics.
		LUCKNOW DIVISION.
28	Government Jubilee Intermediate College, Lucknow.	English, Persian, Arabic, Sanskrit, History, Logic, Mathmeatics, Physics and Chemistry.

Serial no.	Name of college.	Subjects in which recognition has been given.	Remarks.
		FYZABAD DIVISION.	
29	Government Intermediate College, Fyzabad.	English, Persian, Arabic, Sanskrit, History, Logic, Mathematics, Physics, Chemistry and Biology.	
		COLLEGES FOR EUROPEANS.	
30	St. George's Intermediate College, Mussoorie.	English, Mathematics, Modern History, Ancient History, Latin and French.*	*Recognized provisionally in French for 1928 and 192. Provisional recognition extended to 1930
31	St. Joseph's College, Naini Tal ..	English, Modern History, Ancient History, Latin, Mathematics, Physics, and Chemistry.	Ditto.
32	La Martinière College, Lucknow ..	English, Latin, Ancient History, Modern History, Mathematics, Physics Chemistry and Geography.†	Provisional recognition in Physics and Chemistry extended to 1930. †Recognized provisionally in Geography for 1928 and 1929.
33	Boys' Intermediate College, Allahabad.	English, Modern History, Logic and Mathematics	Provisional recognition extended to 1930.

List of Institutions in the United Provinces recognized for the High School Examination of 1928.

Serial no.	School.	Optional subjects in which recognition has been granted.	Vernaculars in which recognition has been granted.	Remarks.
		MEERUT DIVISION.		
1	Dayanand Anglo-Vedic Intermediate College, Dehra Dun.	Persian, Sanskrit, Drawing and Science	Urdu and Hindi.	
2	A. P. Mission High School, Dehra Dun.	Persian, Arabic, Sanskrit, Drawing, Science and Manual Training.*	Urdu, Hindi and Bengali	*Recognition in Manual Training extended to 1929.
3	Government High School, Saharanpur.	Persian, Sanskrit, Drawing and Science.	Urdu and Hindi.	
4	Government Chamier Orman High School, Roorkee, district Saharanpur.	Persian, Sanskrit, Drawing and Science.	Ditto.	
5	Kashi Ram High School, Saharanpur.	Persian, Sanskrit and Drawing..	Ditto ..	Provisional recognition extended to 1929.
6	Islamia High School, Saharanpur	Persian, Arabic and Drawing ..	Urdu	Ditto.
7	Government High School, Muzaffarnagar.	Persian, Arabic, Sanskrit, Drawing, Science and Commerce.	Urdu and Hindi.	
8	Edward Anglo-Sanskrit High School, Muzaffarnagar.	Persian, Sanskrit, Drawing and Science.	Ditto ..	Provisional recognition extended to 1929.

NOTE.—Science—Physics and Chemistry.

Serial no.	School.	Optional subjects in which recognition has been granted.	Vernaculars in which recognition has been granted.	Remarks.
		MEERUT DIVISION— *(concluded).*		
9	D. A.-V. High School, Muzaffarnagar.	Persian, Sanskrit, Drawing and Science.	Urdu and Hindi ..	Recognized provisionally up to 1929.
10	Government High School, Meerut	Persian, Arabic, Sanskrit, Drawing, Science, Commerce and Manual Training.	Ditto.	
11	Cantonment Anglo-Vernacular High School, Meerut.	Persian, Sanskrit and Drawing..	Urdu, Hindi and Bengali	
12	Faiz-i-Am High School, Meerut	Persian, Arabic and Drawing ..	Urdu and Hindi.	
13	Nanakchand Anglo-Sanskrit High School, Meerut.	Persian, Sanskrit, Drawing and Science	Ditto.	
14	Devanagri High School, Meerut	Persian, Sanskrit, Drawing, Science and Commerce.*	Ditto.	Recognised provisionally in Commerce up to 1929.
15	Government High School, Hapur, district Meerut.	Persian, Sanskrit, Drawing and Science.	Ditto.	
16	Digambar Jain High School, Baraut, district Meerut.	Persian, Sanskrit, and Drawing	Ditto.	

17	Jat Vedic High School, Baraut, district Meerut.	Ditto ..	Ditto.	
18	Shambhu Dayal High School, Ghaziabad.	Ditto ..	Ditto.	
19	Government High School, Bulandshahr.	Persian, Sanskrit, Drawing and Science.	Ditto.	
20	Nathumal Ramsahaimal Edward Coronation Intermediate College, Khurja, district Bulandshahr.	Persian, Sanskrit, Drawing, Science and Commerce.	Ditto.	
21	Anglo-Vernacular High School, Sikandrabad, district Bulandshahr.	Persian, Sanskrit, Drawing and Science.	Ditto	
22	Anglo-Vernacular High School, Anupshahr, district Bulandshahr.	Ditto ..	Ditto ..	Provisional recognition extended to 1929.
23	Janki Prasad Anglo-Sanskrit High School, Khurja, district Bulandshahr.	Persian, Sanskrit, Drawing and Science.	Ditto	
24	King Edward Memorial Jat High School, Lakhauti, district Bulandshahr.	Persian, Sanskrit, Drawing, Science and Agricultural Botany.	Ditto.	
25	Kubair High School, Debai, district Bulandshahr.	Persian, Sanskrit, Drawing and Science.	Ditto.	
26	Partab High School, Tehri, district Garhwal (Tehri State).	Persian, Sanskrit, Drawing, Science and Commerce.	Ditto.	

NOTE.—Science—Physics and Chemistry.

Serial no.	School.	Optional subjects in which recognition has been granted.	Vernaculars in which recognition has been granted.	Remarks.
		AGRA DIVISION.		
27	Government High School, Aligarh.	Persian, Sanskrit, Drawing, Science and Commerce	Urdu and Hindi.	
28	Dharamsamaj High School, Aligarh.	Persian, Sanskrit, Drawing and Science.	Ditto.	
29	Kayasth Pathshala High School, Aligarh.	Persian, Sanskrit and Drawing..	Ditto ..	Provisional recognition extended to 1930.
30	Government High School, Hathras, district Aligarh.	Persian, Sanskrit, Drawing, Science and Commerce.	Ditto.	
31	Phool Chand Bagla A. S. High School, Hathras, district Aligarh.	Persian, Sanskrit, Drawing and Science.	Ditto.	
32	Government High School, Muttra	Ditto ..	Ditto.	
33	Kishori Raman High School, Muttra.	Persian, Sanskrit and Commerce	Ditto ..	Provisional recognition extended to 1930
34	Victoria High School, Agra ..	Persian, Sanskrit, Drawing and Science.	Ditto.	

35	Government High School, Agra	Persian, Arabic, Sanskrit, Drawing, Science, Commerce and Manual Training.	Ditto.		
36	St. John's High School, Agra ..	Persian, Sanskrit, Drawing, Science and Commerce.	Ditto.		
37	Balwant Rajput High School, Agra.	Ditto ..	Ditto.		
38	Baptist Mission High School, Agra.	Persian, Sanskrit, Drawing and Science.	Ditto.		
39	Mufid-i-Am High School, Agra..	Ditto ..	Ditto	..	Provisional recognition extended to 1929.
40	Railway High School, Tundla, district Agra.	Ditto ..	Ditto.		
41	Radhaswami Educational Institute, Agra.	Ditto ..	Ditto.		
42	Shoaib Muhammadia High School, Agra.	Persian, Arabic, Drawing, Science and Commerce.	Ditto.		
43	D. A.-V. High School, Agra ..	Persian, Sanskrit, Drawing and Science.	Ditto	..	Provisional recognition extended to 1929.
44	Abhir Kshattriya High School, Shikohabad.	Persian, Sanskrit and Drawing ..	Ditto	..	Provisional recognition extended to 1930.

NOTE.—Science—Physics and Chemistry.

Serial no.	School.	Optional subjects in which recognition has been granted.	Vernaculars in which recognition has been granted.	Remarks.
		AGRA DIVISION—(*concluded*).		
45	Sri Ram Chandra Victory High School, Firozabad, district Agra.	Persian, Sanskrit, Drawing and Science.	Urdu and Hindi.	
46	Government High School, Mainpuri.	Persian, Sanskrit, Drawing, Science and Commerce.	Ditto.	
47	Mission High School, Mainpuri	Persian, Arabic, Sanskrit and Science.	Ditto.	
48	Government High School, Etah	Persian, Sanskrit, Drawing, Science and Commerce.	Ditto.	
		ROHILKHAND DIVISION.		
49	Government High School, Bareilly.	Persian, Arabic, Sanskrit, Drawing, Science, Commerce and Manual Training.	Urdu and Hindi.	
50	State High School, Rampur (Rampur State).	Persian, Arabic, Sanskrit and Drawing.	Ditto.	
51	Eastern Inglis Memorial High School, Bareilly.	Persian, Sanskrit and Drawing..	Ditto.	

52	Western Inglis Memorial High School, Bareilly.	Persian, Arabic, Sanskrit, Drawing and Science.	Ditto.	
53	Edward Memorial High School, Bareilly.	Persian, Sanskrit and Drawing..	Ditto.	
54	Government High School, Bijnor	Persian, Sanskrit, Drawing, Science and Commerce.	Ditto.	
55	Government Bullock High School, Najibabad, district Bijnor.	Persian, Arabic, Sanskrit, and Drawing.	Ditto.	
56	Government High School, Budaun.	Persian, Sanskrit, Drawing and Science.	Ditto.	
57	Meston Islamia High School, Budaun.	Persian, Arabic, Sanskrit, Drawing and Science.	Ditto.	
58	Government Intermediate College, Moradabad.	Persian, Sanskrit, Drawing and Science.	Ditto.	
59	Coronation Hindu High School, Moradabad.	Ditto ..	Ditto.	
60	Parker High School, Moradabad	Ditto ..	Ditto.	
61	Hewett Muslim High School, Moradabad.	Persian, Arabic, Sanskrit and Drawing.	Ditto.	Provisional recognition extended to 1930.
62	Government High School, Amroha, district Moradabad.	Persian, Arabic, Sanskrit, Drawing and Science.	Ditto.	

NOTE.—Science—Physics and Chemistry.

Serial no.	School.	Optional subjects in which recognition has been granted.	Vernaculars in which recognition has been granted.	Remarks.
		ROHILKHAND DIVISION— (*concluded*).		
63	Dhian Singh Memorial High School, Kanth, district Moradabad.	Persian, Sanskrit and Drawing..	Hindi and Urdu ..	Provisional recognition extended to 1930.
64	King George Union High School, Sambhal, district Moradabad.	Persian and Sanskrit ..	Ditto ..	Provisional recognition extended to 1929.
65	Shiam Sundar Memorial Intermediate College, Chandausi, district Moradabad.	Persian, Sanskrit, Drawing, Science and Commerce.	Ditto.	
66	Government High School, Shahjahanpur.	Persian, Arabic, Sanskrit, Drawing, Science, Manual Training and Commerce.	Ditto.	
67	Abbie Rich High School, Shahjahanpur.	Persian, Arabic, Sanskrit, Drawing and Science.	Ditto.	
68	Government High School, Pilibhit.	Persian, Sanskrit, Drawing, Science, Commerce and Manual Training.	Ditto.	
		ALLAHABAD DIVISION.		
69	Government High School, Farrukhabad.	Persian, Sanskrit, Drawing and Science.	Urdu and Hindi.	

70	Government High School, Fatehgarh.	Persian, Sanskrit, Drawing, Science and Commerce.	Urdu and Hindi.	
71	Christian High School, Farrukhabad	Persian, Sanskrit, Drawing and Science.	Ditto.	
72	Diamond Jubilee High School, Kanauj, district Farrukhabad.	Persian, Sanskrit, Science and Agricultural Botany.	Ditto.	
73	Aditya Kumari Kshattriya High School, Tirwa, district Farrukhabad	Persian, Sanskrit, Drawing and Science	Ditto ..	Recognized provisionally up to 1929.
74	Government Intermediate College, Etawah.	Ditto ..	Ditto.	
75	Islamia High School, Etawah ..	Persian, Arabic, Drawing and Science.	Urdu.	
76	Sanatan Dharam High School, Etawah	Sanskrit, Drawing, Science and Commerce.	Urdu and Hindi.	
77	Government High School, Cawnpore.	Persian, Arabic, Sanskrit, Drawing, Science, Commerce, and Manual Training.	Ditto.	
78	Halim Muslim High School, Cawnpore.	Persian, Arabic, Drawing and Science.	Ditto ..	Recognized provisionally in Science and Hindi up to 1930.
79	Gur Narain Khattri High School, Cawnpore.	Persian, Sanskrit, Drawing and Science.	Ditto.	Provisional recognition extended to 1930.
80	Christ Church High School, Cawnpore.	Ditto ..	Ditto ..	

NOTE.—Science—Physics and Chemistry.

Serial no.	School.	Optional subjects in which recognition has been granted.	Vernacular in which recognition has been granted.	Remarks.
		ALLAHABAD DIVISION— *(concluded).*		
81	Kanya Kubja High School, Cawnpore.	Persian, Sanskrit and Drawing	Urdu and Hindi.	
82	D. A.-V. High School, Cawnpore	Persian, Sanskrit, Drawing and Science.	Ditto ..	Recognized provisionally in Science up to 1930.
83	Pandit Pirthi Nath High School, Cawnpore.	Ditto ..	Ditto.	
84	Bishambhar Nath Sanatan Dharma High School, Cawnpore.	Persian, Sanskrit, Drawing and Commerce.	Ditto ..	Provisional recognition extended to 1929.
85	Government High School, Fatehpur.	Persian, Arabic, Sanskrit, Drawing and Science.	Ditto.	
86	Government Interme diate College, Allahabad.	Persian, Arabic, Sanskrit, Drawing, Science and Manual Training.	Ditto.	
87	Ewing Christian Intermediate College, Allahabad.	Persian, Arabic, Sanskrit. Drawing, Science, Manual Training and Agricultural Botany.	Ditto.	
88	Kayastha Pathshala Intermediate College, Allahabad.	Persian, Sanskrit, Drawing and Science.	Ditto.	

89	Vidyamandir High School, Allahabad	Persian, Sanskrit and Drawing..	Ditto. ..	Provisional recognition extended to 1929.
90	Daraganj High School, Allahabad	Persian, Sanskrit, Drawing and Science.	Urdu, Hindi and Bengali	Provisional recognition in Bengali extended to 1929.
91	D. A.-V. High School, Allahabad	Persian, Sanskrit and Drawing	Urdu and Hindi.	
92	Modern High School, Allahabad	Persian, Arabic, Sanskrit, Drawing and Science.	Ditto.	
93	City A.-V. High School, Allahabad.	Persian, Sanskrit, Drawing, Science and Manual Training.	Urdu, Hindi and Bengali.	
94	Anglo-Bengali Intermediate College, Allahabad.	Persian, Sanskrit, Drawing and Science.	Ditto.	
		JHANSI DIVISION.		
95	Government Intermediate College, Jhansi.	Persian, Arabic, Sanskrit, Drawing and Science.	Urdu and Hindi.	
96	Government High School, Lalitpur.	Persian, Sanskrit and Drawing..	Ditto.	
97	MacDonnell High School, Jhansi	Persian, Sanskrit, Drawing and Science	Ditto.	
98	Government High School, Hamirpur	Persian, Sanskrit and Drawing..	Ditto.	
99	Government High School, Orai (Jalaun).	Persian, Arabic, Sanskrit, Drawing and Science.	Ditto.	

NOTE.—Science—Physics and Chemistry.

Serial no.	School	Optional subjects in which recognition has been granted	Vernaculars in which recognition has been granted.	Remarks.
		JHANSI DIVISION— (*concluded*).		
100	Government High School, Banda	Persian, Sanskrit, Drawing and Science	Urdu and Hindi.	
		BENARES DIVISION.		
101	Queen's Intermediate College, Benares.	Persian, Arabic, Sanskrit, Drawing and Science.	Urdu and Hindi.	
102	London Mission High School, Benares.	Persian, Sanskrit, Science and Commerce.	Ditto.	
103	Jai Narayan's High School, Benares.	Persian, Arabic, Sanskrit, Drawing and Science.	Ditto	
104	Udai Pratab College and Hewett Kshattriya School, Benares	Ditto ..	Ditto.	
105	Bengali Tola High School, Benares.	Persian, Sanskrit, Drawing and Science.	Urdu, Hindi and Bengali.	
106	Harish Chandra High School, Benares.	Ditto ..	Urdu and Hindi.	
107	Anglo-Bengali High School, Benares.	Sanskrit and Drawing ..	Hindi and Bengali.	
108	D. A.-V. High School, Benares ..	Sanskrit Drawing and Science ..	Urdu and Hindi ..	Provisional recognition in Science extended to 1930.

109	Government High School, Mirzapur.	Persian, Sanskrit, Drawing and Science.	Ditto.	
110	Rani Surajpal Kuar High School, Mirzapur.	Ditto ..	Ditto.	
111	Anglo-Sanskrit Jubilee High School, Mirzapur.	Ditto ..	Ditto.	
112	Government High School, Jaunpur.	Persian, Arabic, Sanskrit, Drawing and Science.	Ditto.	
113	Priya Nath Ghosh High School, Jaunpur.	Ditto ..	Ditto.	
114	Kshattriya High School, Jaunpur	Persian, Sanskrit, Drawing and Science.	Ditto.	
115	Government Victoria High School, Ghazipur.	Persian, Arabic, Sanskrit, Drawing, Science and Commerce.	Ditto.	
116	City High School, Ghazipur ..	Persian, Sanskrit, Drawing and Science	Ditto.	
117	Government High School, Ballia.	Ditto ..	Ditto.	
118	L. D. Meston High School, Ballia.	Persian, Sanskrit and Drawing..	Ditto.	
119	Anglo-Vernacular High School, Ballia.	Ditto ..	Ditto ..	Recognized provisionally up to 1930.
120	Meston High School, Ramnagar, (Benares State).	Persian, Sanskrit, Drawing and Science.	Ditto.	
121	Lovett High School, Gyanpur, (Benares State).	Ditto ..	Ditto ..	Provisional recognition in Science extended to 1930.

NOTE.—Science—Physics and Chemistry.

Serial no.	School.	Optional subjects in which recognition has been granted.	Vernaculars in which recognition has been granted.	Remarks.
		GORAKHPUR DIVISION.		
122	Government Jubilee High School, Gorakhpur.	Persian, Arabic, Sanskrit, Drawing, Science, Commerce and Manual Training.	Urdu and Hindi.	
123	George Islamia High School, Gorakhpur.	Persian, Arabic and Sanskrit ..	Ditto ..	Provisional recognition extended to 1930.
124	Gorakhpur High School, Gorakhpur.	Persian, Arabic, Sanskrit, Drawing and Science.	Ditto. ..	Provisional recognition extended to 1929.
125	St. Andrew's Collegiate School, Gorakhpur.	Persian, Sanskrit, Drawing and Science	Ditto.	
126	King Edward Government High School, Deoria.	Persian, Arabic, Sanskrit and Drawing.	Ditto.	
127	Government High School, Basti	Persian, Arabic, Sanskrit, Drawing and Science.	Ditto.	
128	Anglo-Sanskrit High School, Basti	Persian, Sanskrit and Drawing	Ditto ..	Recognized provisionally up to 1929
129	Ratan Sen High School, Bansi, district Basti.	Persian, Sanskrit, Drawing and Science.	Ditto.	
130	Wesley High School, Azamgarh	Persian, Sanskrit, Drawing, Science and Commerce.	Ditto	
131	Smith High School, Azmatgarh, district Azamgarh	Persian and Sanskrit ..	Ditto ..	Provisional recognition extended to 1929
132	George High School, Azamgarh..	Persian, Arabic and Sanskrit ..	Ditto ..	Ditto.

		KUMAUN DIVISION.		
133	Government High School, Naini Tal.	Persian, Sanskrit, Drawing and Science.	Urdu and Hindi.	
134	Humphery High School, Naini Tal.	Persian, Sanskrit and Drawing..	Ditto	
135	Government Intermediate College, Almora.	Persian, Sanskrit, Drawing and Science.	Ditto	
136	Ramsay High School, Almora ..	Ditto ..	Ditto.	
137	Messmore High School, Paur (Garhwal).	Sanskrit, Drawing and Science..	Hindi	Provisional recognition extended to 1929.
138	Government High School, Srinagar (Garhwal).	Ditto ..	Urdu and Hindi.	
139	Uderaj Hindu High School, Kashipur.	Persian, Sanskrit and Drawing	Ditto.	
140	King George Government High School, Lansdowne.	Sanskrit and Drawing ..	Hindi.	
		LUCKNOW DIVISION.		
141	Government Jubilee Intermediate College, Lucknow.	Persian, Arabic, Sanskrit, Drawing, Science, Commerce and Manual Training.	Urdu and Hindi.	
142	Husainabad Government High School, Lucknow.	Persian, Arabic, Sanskrit, Drawing and Science.	Ditto.	
143	C. M. S. Birkett High School, Lucknow.	Persian, Sanskrit, Drawing and Science.	Ditto.	

NOTE.—Science—Physics and Chemistry

Serial no.	School	Optional subjects in which recognition has been granted	Vernaculars in which recognition has been granted.	Remarks
		LUCKNOW DIVISION— *(continued).*		
144	Kalicharan High School, Lucknow.	Persian, Sanskrit, Drawing, Science and Commerce	Urdu and Hindi ..	Recognized provisionally in Commerce up to 1929.
145	Queen's Anglo-Sanskrit High School, Lucknow.	Ditto ..	Urdu, Hindi and Bengali.	
146	Christian Intermediate College, Lucknow	Persian, Sanskrit, Science and Commerce.	Urdu and Hindi.	
147	Hari Chand High School, Lucknow.	Persian, Sanskrit, Drawing, Science and Commerce.	Ditto ..	Provisional recognition extended to 1930.
148	Aminabad High School, Lucknow.	Persian, Arabic, Sanskrit, Drawing and Science.	Ditto.	
149	Colvin Taluqdars' High School, Lucknow.	Persian, Sanskrit, Science and Agricultural Botany.	Ditto.	
150	Amiruddaulah Islamia High School, Lucknow.	Persian, Arabic, Sanskrit, Drawing and Science	Ditto	
151	Girdhari Singh Pathshala, Lucknow.	Persian, Sanskrit, Drawing and Science.	Ditto ..	Provisional recognition extended to 1930.
152	D. A.-V. High School, Lucknow	Ditto ..	Ditto ..	Recognized provisionally in Science up to 1929.

153	Shia Intermediate College, Lucknow.	Persian, Arabic and Drawing ..	Urdu	Provisional recognition extended to 1930.
154	Kanya Kubja Intermediate College, Lucknow.	Persian, Sanskrit, Drawing and Science.	Urdu and Hindi ..	
155	Government High School, Unao	Persian, Arabic, Sanskrit, Drawing and Science.	Ditto.	
156	K. D. J. High School, Maurawan, district Unao.	Persian, Sanskrit and Science ..	Ditto.	
157	Government High School, Rae Bareli.	Persian, Arabic, Sanskrit, Drawing, Science, Commerce and Manual Training.	Ditto.	
158	Hindu High School, Rae Bareli..	Persian, Sanskrit and Drawing..	Ditto.	
159	Government High School, Sitapur.	Persian, Arabic, Sanskrit, Drawing, Science, Manual Training and Commerce.	Ditto.	
160	Colvin High School, Mahmudabad, district Sitapur.	Persian, Arabic, Sanskrit and Science.	Ditto.	
161	Seth Jai Dayal High School, Biswan, district Sitapur.	Persian, Sanskrit and Science ..	Ditto.	
162	Raja's A-V. High School, Sitapur.	Persian, Arabic, Sanskrit and Drawing	Ditto.	
163	Government High School, Hardoi	Persian, Arabic, Sanskrit, Drawing and Science.	Ditto.	
164	King George's Kshattriya High School, Hardoi.	Persian, Sanskrit, Drawing and Science.	Ditto.	Recognized provisionally in Science up to 1930.

NOTE.—Science—Physics and Chemistry.

Serial no.	School.	Optional subjects in which recognition has been granted.	Vernaculars in which recognition has been granted.	Remarks.
		LUCKNOW DIVISION— *(concluded).*		
165	Dharam Sabha High School, Lakhimpur.	Persian, Sanskrit, Drawing and Science	Urdu and Hindi ..	Provisional recognition extended to 1930.
166	Government High School, Lakhimpur.	Persian, Arabic, Sanskrit, Drawing and Science.	Ditto	
		FYZABAD DIVISION.		
167	Government Intermediate College, Fyzabad.	Persian, Arabic, Sanskrit, Drawing and Science.	Urdu and Hindi.	
168	Forbes High School, Fyzabad ..	Persian, Arabic, Sanskrit and Drawing.	Ditto ..	Provisional recognition extended to 1929.
169	Manohar Lal High School, Fyzabad.	Persian, Sanskrit, Drawing and Science.	Ditto	
170	Government High School, Gonda	Persian, Arabic, Sanskrit, Drawing and Science.	Ditto.	
171	Lyall Collegiate School, Balrampur, district Gonda.	Persian, Sanskrit, Drawing, Science and Commerce.	Ditto.	
172	Government High School, Sultanpur.	Persian, Arabic, Sanskrit, Drawing and Science.	Ditto	

173	Government High School, Partabgarh.	Ditto ..	Ditto.	
174	Ajit Sombansi High School, Partabgarh.	Persian, Sanskrit and Drawing	Ditto.	
175	Government High School, Bara Banki.	Persian, Arabic, Sanskrit, Drawing and Science.	Ditto.	
176	Government High School, Bahraich.	Ditto ..	Ditto.	
		Girls' High Schools		
177	Isabella Thoburn College, Lucknow.	Persian, Sanskrit, Latin, French, Agricultural Botany, and Domestic Science.	Urdu, Hindi and Bengali.	
178	Muslim Girls' High School, Lucknow.	Persian and Domestic Science ..	Ditto.	
179	A. P. Mission Girls' High School, Dehra Dun.	Ditto ..	Urdu and Hindi.	
180	Mahadevi Kanya Pathshala, Dehra Dun.	Sanskrit and Domestic Science	Ditto ..	Provisional recognition extended to 1929.
181	M E Mission Girls' High School, Meerut.	Persian ..	Urdu.	
182	Queen Victoria Girls' High School, Agra.	Domestic Science ..	Do.	

NOTE —Science—Physics and Chemistry.

Serial no.	School.	Optional subjects in which recognition has been granted.	Vernaculars in which recognition has been granted.	Remarks.
		Girls' High Schools—*(concluded).*		
183	Theosophical National Girls' School and Women's College, Benares.	Sanskrit and Drawing ..	Hindi, Bengali, Marathi and Gujrati.	Provisional recognition extended to 1930.
184	Crosthwaite Girls' College, Allahabad.	Persian, Sanskrit and Drawing ..	Urdu, Hindi, Marathi, Gujrati and Bengali.	
185	Jagat Taran Girls' High School, Allahabad.	Sanskrit	Bengali	Provisional recognition extended to 1930.
186	Mary Wanamaker Girls' High School, Allahabad.	Persian and Domestic Science	Urdu and Hindi.	
		High Schools for Europeans.		
187	St. George's Intermediate College, Mussoorie.	Recognized in all the subjects taught by the University for the Entrance Examination previous to the passing of the Universities Act of 1904.		
188	St. Joseph's Collegiate School, Allahabad.	Ditto.		

NOTE.—Science—Physics and Chemistry.

List of Institutions in the United Provinces recognized for the Commercial Diploma Examination of 1928.

Serial no.	Name of institution.	Remarks.
1	Meerut College, Meerut.	
2	N. R. E. C. Intermediate College, Khurja	Recognized provisionally up to 1929.
3	Lucknow Christian College, Lucknow.	
4	St. John's College, Agra.	
5	D. A.-V. College, Cawnpore.	
6	Sanatan Dharm College of Commerce, Cawnpore.	
7	Kayasth Pathshala Intermediate College, Allahabad	Provisional recognition extended to 1930.
8	Shyam Sundar Memorial Intermediate College, Chandausi.	
9	Bareilly College, Bareilly	Recognized provisionally up to 1929.

List of Institutions in the United Provinces recognized for the Board's Agricultural Diploma Examination of 1928.

1	Allahabad Agricultural Institute, Naini, Allahabad	Recognized provisionally up to the Agricultural Diploma Examination of 1930.
2	Agricultural College, Cawnpore	Recognized provisionally up to 1929.

LIST OF INSTITUTIONS OUTSIDE THE UNITED PROVINCES RECOGNIZED FOR THE EXAMINATIONS CONDUCTED BY THE BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION OF 1928.

List of Institutions situated in Ajmer-Merwara and Rajputana Agency, and admitted to the privileges of recognition by the United Provinces Board for the High School and Intermediate Examinations of 1928.

Serial no.	Name of institution.	Optional subjects and the Vernaculars in which recognition has been granted.	Remarks.
		HIGH SCHOOLS.	
1	Railway Anglo-Vernacular High School, Abu Road.	Persian, Sanskrit, Science, Drawing, Urdu, Hindi and Gujrati.	
2	Government High School, Ajmer ..	Persian, Sanskrit, Science, Commerce, Drawing, Urdu and Hindi.	
3	D. A.-V. High School, Ajmer ..	Sanskrit, Science and Hindi.	
4	Husband Memorial High School, Ajmer.	Persian, Sanskrit, Science, Hindi and Urdu.	
5	St. Anslem's High School, Ajmer ..	Latin, French, Science, Drawing and Urdu.	
6	Convent High School, Ajmer ..	French, German, Drawing and Urdu	

7	Moina Islamia High School, Ajmer	Persian, Drawing and Urdu.	
8	Mission High School, Beawar ..	Persian, Arabic, Sanskrit, Science, Hindi and Urdu.	*Recognized provisionally in Persian up to 1929.
9	Sanatan Dharam Prakashini Pathshala, Beawar.	Persian, Sanskrit, Science, Drawing, Commerce,† Urdu and Hindi.*	† Provisional recognition in Commerce extended to of 1930.
10	Cantonment Mission High School, Nasirabad.	Persian, Sanskrit, Commerce,* Urdu and Hindi ..	* Provisional recognition in Commerce extended to the High School Examination of 1929.
		INTERMEDIATE COLLEGE.	
11	Government College, Ajmer ..	Persian, Sanskrit, History, Logic, Mathematics, Physics, Chemistry and Economics,*	*Provisionally recognized in Economics up to the Intermediate Examination of 1929.

List of Institutions situated in the Indian States of Rajputana and admitted to the privileges of recognition by the United Provinces Board for the High School and Intermediate Examinations of 1928.

		HIGH SCHOOLS.	
1	Sadar High School, Bharatpur ..	Persian, Sanskrit, Science, Urdu and Hindi.	
2	Dungar Collegiate School, Bikaner	Persian, Sanskrit, Science, Drawing, Urdu and Hindi.	
3	Walter Noble's High School, Bikaner.	Sanskrit and Hindi.	
4	Darbar High School, Bundi ..	Persian, Sanskrit, Urdu and Hindi.	
5	U. F. C. Mission High School, Jaipur	Ditto.	

Serial no.	Name of institution.	Optional subjects and the Vernaculars in which recognition has been granted.	Remarks.
		HIGH SCHOOLS—(*concluded*).	
6	Maharaja's Collegiate School, Jaipur	Persian, Arabic, Sanskrit, Science, Drawing, Urdu, Hindi and Bengali.	
7	Chandpol High School, Jaipur ..	Persian, Sanskrit, Urdu and Hindi.	
8	Anglo-Vedic High School, Jobner (Jaipur State).	Ditto.	
9	State High School, Khetri (Jaipur State).	Persian, Sanskrit, Science, Urdu and Hindi.	
10	Pareek Pathshala, Jaipur ..	Sanskrit and Hindi	Recognized provisionally up to the High School Examination of 1930.
11	Birla Vidyalaya, Pilani (Jaipur State)	Sanskrit, Commerce and Hindi.	
12	Chirawa Vidyalaya, Chirawa (Jaipur State).	Ditto	Provisional recognition extended to 1930.
13	Darbar High School, Jodhpur ..	Persian, Sanskrit, Science, Drawing, Urdu and Hindi.	
14	Rajput High School, Jodhpur ..	Sanskrit and Hindi.	
15	Sri Pratap High School, Jodhpur ..	Persian, Sanskrit, Science, Drawing, Urdu and Hindi.	
16	Shree Summer Pushtikar High School, Jodhpur.	Sanskrit and Hindi	
17	Maharaja's High School, Karauli ..	Persian, Sanskrit, Urdu and Hindi.	

18	Herbert High School, Kotah ..	Persian, Arabic, Sanskrit, Science, Drawing, Urdu and Hindi.	
19	Anglo-Vernacular High School, Baran (Kotah State).	Sanskrit, Science, Drawing and Hindi.	
20	Darbar High School, Tonk ..	Persian, Arabic, Sanskrit, Urdu and Hindi.	
21	Maharaja's High School, Udaipur ..	Persian, Sanskrit, Science, Drawing, Urdu and Hindi.	Recognition in Science and Drawing extended to the High School Examination of 1929
22	Darbar High School, Jhalrapatan (Jhalawar State).	Persian, Sanskrit, Science, Drawing, Urdu and Hindi.	
23	Maharana's High School, Dholpur	Persian, Sanskrit Science, Drawing, Urdu and Hindi.	
		INTERMEDIATE COLLEGES.	
24	Maharaja's Intermediate College, Jaipur.	Persian, Arabic, Sanskrit, Logic, Ancient History, Modern History, Mathematics, Physics, Chemistry, Economics and Biology.*	* Recognized provisionally in Biology up to 1930.
25	Maharana's Intermediate College, Udaipur.	Persian, Sanskrit, Logic, Ancient or Modern History, Mathematics, Physics and Chemistry.	Provisional recognition extended to the Intermediate Examination of 1929.
26	Jaswant College, Jodhpur ..	Persian, Sanskrit, Logic, Ancient History, Economics, Mathematics, Physics and Chemistry.	
27	Herbert Intermediate College, Kotah	Persian, Sanskrit, Modern History, Economics, Mathematics, Physics and Chemistry.	Provisional recognition extended to the Intermediate Examination of 1930

List of Institutions in Gwalior State admitted to the privileges of recognition by the United Provinces Board for the High School and Intermediate Examinations of 1928.

Serial no.	Name of institution.	Optional subjects and the Vernaculars in which recognition has been granted.	Remarks.
		HIGH SCHOOLS.	
1	Victoria Collegiate School, Lashkar	Persian, Sanskrit, Science, Drawing, Urdu, Hindi and Marathi.	
2	Morar High School, Morar ..	Persian, Sanskrit, Science, Agriculture, Urdu and Hindi.	
3	Madhava Collegiate School, Ujjain ..	Persian, Sanskrit, Science, Drawing, Agriculture, Urdu, Hindi and Marathi	Recognised provisionally in Drawing up to 1929.
4	Sardar High School, Gwalior ..	Persian, Sanskrit, Science, Drawing, Agriculture, Hindi, Urdu and Marathi.	
		INTERMEDIATE COLLEGE.	
5	Victoria College, Lashkar ..	Persian, Arabic, Sanskrit, Ancient History, Modern History, Logic, Economics, Mathematics, Physics and Chemistry.	

List of Institutions in Central India admitted to the privileges of recognition by the United Provinces Board for the High School and Intermediate Examinations of 1928

		HIGH SCHOOLS.
1	Government High School, Nowgong	Persian, Sanskrit, Science, Drawing, Agriculture, Urdu and Hindi.
2	Zoroastrian High School, Mhow ..	Persian, Sanskrit, Science, Drawing, Urdu, Hindi, Marathi and Gujrati.
3	Convent High School, Mhow ..	French and Drawing.
4	Mahendra High School, Tikamgarh	Persian, Sanskrit, Urdu and Hindi.
5	Ganga Singh High School, Charkhari	Ditto.
6	Maharaja's High School, Chhatarpur	Ditto.
7	Rudrapratap High School, Panna ..	Persian, Sanskrit, Science, Urdu and Hindi.
8	Lord Reading High School, Datia ..	Persian, Sanskrit, Science, Drawing, Urdu, Hindi and Bengali.
9	Darbar High School, Rewah ..	Persian, Sanskrit, Science, Drawing, Urdu and Hindi.
10	Venkat High School, Sutna ..	Persian, Sanskrit, Science, Urdu and Hindi.

Serial no.	Name of institution.	Optional subjects and the Vernaculars in which recognition has been granted.	Remarks.
		HIGH SCHOOLS—(*concluded*).	
11	King-Emperor George V High School, Dewas (S. B).	Sanskrit, Science, Drawing, Hindi and Marathi.	
12	Victoria High School, Dewas (J. B.)..	Persian, Sanskrit, Science, Drawing, Urdu, Hindi and Marathi.	
13	Barr High School, Jaora ..	Persian, Science, Urdu and Hindi.	
14	Darbar High School, Ratlam ..	Persian, Sanskrit, Science, Drawing, Urdu and Hindi.	
15	Baneh High School, Rajgarh ..	Persian, Sanskrit, Urdu and Hindi	Provisional recognition extended to the High School Examination of 1930.
16	Victoria High School, Narsingarh ..	Ditto.	
17	Government High School, Sehore Cantonment.	Persian, Sanskrit, Science, Drawing, Urdu and Hindi.	
18	King Edward High School, Sailana	Persian, Sanskrit, Drawing, Urdu and Hindi.	
19	Anand High School, Dhar ..	Persian, Sanskrit, Science, Drawing, Urdu, Hindi and Marathi.	
20	Victoria High School, Barwani ..	Persian, Sanskrit, Urdu and Hindi.	
21	Sir Ram Singh High School, Sitamau	Persian, Sanskrit, Drawing, Urdu, Hindi and Marathi	Provisional recognition in Urdu extended to 1929.

22	Maharaja Shivaji Rao High School, Indore.	Persian, Sanskrit, Science, Drawing, Urdu, Hindi, Bengali, Gujrati and Marathi.	
23	Tilokchand Jain High School, Indore	Sanskrit, Drawing, Science, Commerce* and Hindi	* Recognised provisionally in Commerce up to 1930.
24	Government High School, Indore Residency.	Persian, Sanskrit, Drawing, Science, Urdu, Hindi, Marathi and Gujrati.	
25	Indore Christian Collegiate School, Indore.	Sanskrit, Drawing, Science, Hindi and Marathi.	
26	Canadian Presbyterian Mission Girls' High School, Indore.	Persian, Science, Latin, French, Urdu and Hindi.	
27	Chandrawati Mahila Vidyalaya, Indore.	Sanskrit, Drawing, Science, Hindi and Marathi.	
28	Daly College, Indore	Science, Urdu and Hindi.	
		INTERMEDIATE COLLEGES.	
29	Holkar College, Indore	Persian, Sanskrit, Logic, History, Economics, Mathematics, Physics and Chemistry	
30	Indore Christian College, Indore ..	Persian, Sanskrit, Logic, History, Economics and Mathematics.	

APPENDIX A.

Dates of the High School, Intermediate, Commercial Diploma and Agricultural Diploma Examinations of 1928.

In 1928.—The High School, the Intermediate, the Commercial Diploma and the Agricultural Diploma Examinations will commence on the 2nd April, 1928.

APPENDIX B.

Byelaws of the Board framed under section 20 of the Intermediate Education Act, 1921.

1. At all meetings of the Board, seven members inclusive of the Chairman shall form a quorum.

2. If a quorum is not present thirty minutes after the advertised time of the meeting, there shall be no meeting.

3. If, in the course of a meeting, any member calls attention to the absence of a quorum, the Chairman shall dissolve the meeting.

4. Every question shall be decided by a majority of the votes of the members present. In the case of the votes being equally divided, the Chairman shall have a second vote.

5. If a member continuously disregards or questions any order or ruling of the Chairman made at a meeting of the Board, the Chairman may take the vote of the meeting as to whether such member shall not be suspended for that day. If the members present decide upon suspension, the Chairman shall declare the offending member suspended, and such member shall be bound immediately to withdraw.

6. No motion which has been negatived by the Board shall be again brought forward, except with the permission of the Chairman, within one year from the date upon which it was negatived.

7. All meetings of the Board shall be presided over by the *ex officio* Chairman of the Board. In the absence of the Chairman, the members present shall elect a Chairman.

8. Meetings of the Board and of its committees shall, unless for special reasons the Chairman otherwise directs, be held at Allahabad.

9. The election of co-opted members of the Board shall be held at the annual meeting of the Board.

10. Notice in writing of meetings of the Board shall be despatched to all members of the Board not less than three weeks before the meeting, together with the agenda paper for the meeting.

11. No business other than that contained in the agenda paper shall be transacted at a meeting unless with the consent of the Chairman.

12. Notice of a motion or resolution to be moved at a meeting of the Board must be in the hands of the Secretary not less than 10 days before the meeting.

13. All questions as to whether proper notice of a motion has been given shall be decided by the Chairman, whose decision shall be final.

14. (*a*) No motion or resolution of which due notice has not been given may be moved at a meeting of the Board, except—

(1) to adjourn a debate,
(2) to adjourn the meeting,
(3) to dissolve the meeting,
(4) to change the order of business,
(5) to refer any matter to any authority of the department or the University or the Government,
(6) to pass to the next item of business,
(7) to appoint a committee,
(8) to resolve the meeting into a committee,
(9) to propose that the question be now put.

(*b*) A motion under (1), (2), (6) or (9) above shall be put to the vote without discussion.

(*c*) Motions under (1), (2), (3), (4), (6), (8) and (9) shall only be moved with the previous consent of the Chairman.

15. Every motion shall be affirmative in form, and shall begin with the word "that."

16. Every motion must be seconded, otherwise it shall drop The seconder of a motion may reserve his speech with the permission of the Chairman.

17. When a motion that is in order has been seconded, it shall be stated from the Chair, before it is discussed.

18. If no member rises to speak to the motion after it has been stated from the Chair, the Chairman shall proceed to put the question to the vote.

19. Not more than one motion and one amendment thereto shall be placed before the meeting at the same time.

20. A motion once disposed of shall not be again brought forward at the same meeting, or at any adjournment thereof.

21. No amendment shall be proposed which would in effect constitute a direct negative to the original motion.

22. Every amendment must be relevant to the motion upon which it is moved.

23. No amendment shall be proposed which substantively raises a question already disposed of by the meeting, or which is inconsistent with any resolution already passed by it.

24 The order in which amendments that are in order are to be taken up shall be determined by the Chairman.

25. An amendment must be seconded in the same way as a motion, otherwise it shall drop. A seconder of an amendment may reserve his speech with the permission of the Chairman.

26. When an amendment that is in order has been moved and seconded, it shall be stated from the Chair.

27. The mover of a motion for dissolution or adjournment has no right of reply.

28. When the Chairman has ascertained that no other member entitled to address the meeting desires to speak the mover of the original resolution may reply upon the whole debate.

29. No member shall speak to the question after the mover has entered on his reply.

30. When the debate is concluded, the Chairman shall, after summing up, if he so desires, put the question to the vote thus :—

(1) If there is an amendment, the Chairman shall state the motion and the amendment and take the vote of the meeting.

(2) If the amendment is negatived, the original motion shall be again stated from the Chair, and subject to the foregoing regulations, any other amendment which is in order may then be proposed thereto.

(3) If an amendment is carried, the motion, as amended, shall be stated from the Chair, and may then be debated as a substantive question, to which any further amendments to the original motion which are in order, so far as they shall be applicable, may be proposed, subject to the foregoing regulations. Such further amendments shall be disposed of in the same manner as the original amendment. When all the amendments have been thus dealt with, the Chairman shall take the vote of the meeting on the motion, as amended, as the substantive resolution.

31. A motion for dissolution or adjournment may be moved at any time as a distinct question, but not as an amendment, nor so as to interrupt a speech.

32. If a motion for dissolution is carried, the business before the meeting shall drop.

33. If a motion for adjournment is carried, the meeting shall be adjourned, and the business shall be resumed at the adjourned meeting.

34. A motion for the adjournment of a debate to some specified date and hour may be moved in the like manner, and if it be carried, shall have the effect of postponing the debate on the question under consideration till the date and hour specified, and the other items on the agenda paper shall be proceeded with. If the motion be negatived, the debate shall be resumed.

35. A meeting or a debate, renewed or continued after an adjournment, is to be deemed one with that preceding the adjournment.

36. A motion to pass to the next item of business may be made at any time, in like manner, and subject to the same rules as one for adjournment. If such motion be carried, the motion under consideration and the amendment thereon, if any, shall drop.

37. At any time after a motion or amendment has been made a member may request the Chairman to put the question, and if it appears to the Chairman that the motion has been sufficiently discussed, he may close the discussion by calling upon the mover for his reply, and may then put the question to the vote.

38. No member shall speak for more than fifteen minutes when proposing a motion or amendment, or for more than ten minutes when seconding or speaking to a motion or amendment, or when replying.

39. The Chairman may, at any stage in the proceedings, at his own discretion or at the request of a member, explain the scope and effect of the motion or amendment which is before the meeting. He may also, at the conclusion of a debate, sum up the debate, if he so desires.

40. Any member may, with the permission of the Chairman, rise, even while another is speaking, to explain any expression used by himself which may have been misunderstood by the speaker, but he shall confine himself strictly to such explanation.

41. Any member may call the Chairman's attention to a point of order even while another member is addressing the meeting, but no speech shall be made on such point of order.

42. The Chairman shall be the sole judge on any point of order, and may call any member to order, and may, if necessary, dissolve the meeting or adjourn it to some hour on the same or the following day.

43. A motion or amendment may be withdrawn by permission of the Chairman by any member who has given notice of such motion or amendment.

44. Any motion or amendment standing in the name of a member who is absent from a meeting may be brought forward by any other member.

45. On putting any question to the vote, the Chairman shall call for an indication of the opinion of the Board by a show of hands in the affirmative and negative, and shall declare the result thereof according to his opinion.

46. A motion for the appointment of a committee on a subject under debate may be made by any member at any time, and without previous notice.

47. A motion for the appointment of a committee must define the purpose for which the committee is to serve and the number of members to compose it. Amendments for enlarging or restricting the number may be made without previous notice. If the motion is carried, the member moving shall name the persons whom he wishes to form the committee. A ballot shall then be taken, if necessary, and the requisite number appointed from those who obtain the largest number of votes.

48. The Convener of a committee shall be appointed at the time of the appointment of the committee.

49. The resolutions of a committee appointed by the Board shall be embodied in a report. The report shall be presented to the Board at its next meeting, subject to due notice.

50. Notice of meetings of committees may be sent to members by the Conveners through the Secretary or direct, but in the latter case a copy of the notice must invariably be sent to the Secretary.

51. Meetings of all ordinary committees of the Board shall, as far as possible, be held immediately before the meetings of the Board.

52. The Convener of a committee shall furnish to the Secretary a copy of the report of every meeting of the committee together with a list of the members present.

53. The quorum of a committee shall not be less than a majority of the members constituting it.

54. If the meeting of a committee fails for want of a quorum, the meeting may be adjourned to some other date when the members present will, even in the absence of a quorum, transact the business notified for the original meeting. The business of a meeting which fails for want of a quorum may also be transacted by correspondence.

55. Committees of Courses may dispose of their business partly by meeting and partly by correspondence.

56. At meetings of committees of the Board every question shall be decided by a majority of the votes of the members present. In the case of the votes being equally divided, the person presiding shall have a second vote.

56(*a*). A member of a Committee of Courses or of the Curriculum Committee or of a Sub-Committee who has or has had any pecuniary interest in a book which is submitted to the Committee or Sub-Committee for consideration as a text-book or for class use shall withdraw from the meeting while the book is under discussion.

57. As soon as practicable, after meeting of the Board, a draft of the minutes of such meeting shall be submitted by the Secretary to the Chairman and attested by him. The minutes shall then be printed and circulated to all members and such of them as were present shall, within a fortnight of the issue of the minutes, communicate to the Secretary any exceptions they may take to the correctness thereof. The minutes and the exceptions taken, if any, shall be laid before the next meeting of the Board, and the minutes in their final form shall then be confirmed.

58. In any case not provided for by these byelaws the Chairman shall be entitled to give his own ruling as to procedure.

APPENDIX C.

List of the Panel of Inspectors for the Inspection of Intermediate Colleges.

The following persons have been nominated by the Board under Regulation 4, Chapter VII of the Board's Regulations, for the inspection of Intermediate Colleges in association with the Divisional Inspector of Schools :—

1. Dr. S. A. Khan, Head of the Department of History, Allahabad University, Allahabad.

2. Dr. P. K. Acharya, Head of the Sanskrit Department, Allahabad University, Allahabad.

3. Dr. N. R. Dhar, Professor, Allahabad University, Allahabad.

4. Mr. A. A. Simpson, Principal, Training College, Allahabad.

5. Mr. H. Tinker, Principal, Training College, Agra.

6. Dr. Tara Chand, Principal, Kayastha Pathshala University College, Allahabad.

7. The Rev. Canon A. W. Davies, Principal, St. John's College, Agra.

8. Lala Diwan Chand, Principal, D. A.-V. College, Cawnpore.

9. Dr. W. S. Dudgeon, Professor of Botany, Ewing Christian College, Allahabad.

10. Dr. S. Higginbottom, Principal, Agricultural Institute, Naini (Allahabad).

11. Mrs. Saralabai Naik, Principal, Muslim Girls' High School, Lucknow.

12. The Rev. Dr. J. R. Chitambar, M.A., D.D., Principal, Lucknow Christian College, Lucknow.

13. Mr. S. G. Dunn, Head of the English Department, Allahabad University, Allahabad.

14. Mr. B. Sanjiva Rao, Principal, Queen's Intermediate College, Benares.

15. The Rev. E. M. Moffatt, Principal, Christian School of Commerce, Lucknow.

16. Mr A. B. Dhruva, Pro-Vice-Chancellor, Benares Hindu University, Benares.

17. Dr. Ganesh Prasad, Hardinge Professor of Higher Mathematics, Calcutta University.

18. Mr. P. K. Telang, Professor of History, Benares Hindu University, Benares.

19. Mr. S. B. Smith, Professor of History, Lucknow University, Lucknow.

20. Dr. Radha Kamal Mukerjee, Professor of Economics and Sociology, Lucknow University, Lucknow.

21. Dr. Wali Muhammad, Professor of Physics, Lucknow University, Lucknow

22. Dr. Zia-ud-din Ahmad, Pro-Vice-Chancellor, Aligarh Muslim University, Aligarh.

23. Mr. M. M. Sharif, Professor of Philosophy, Aligarh Muslim University, Aligarh.

24. Dr. L. K. Hyder, Professor of Economics, Aligarh Muslim University, Aligarh.

25. Mr. M. Hyder Khan, Professor of Chemistry, Aligarh Muslim University, Aligarh.

26. Dr. A. S. Tritton, Professor of Arabic, Aligarh Muslim University, Aligarh.

27. Dr. K. C. Mehta, Professor of Biology, Agra College, Agra.

28. Mr. H. Krall, Professor of Chemistry, Agra College, Agra.

29. Mr. A. C. Dutt, offg. Principal, Bareilly College, Bareilly.

30. Mr. T. D. Sully, Vice-Principal, St. John's College, Agra.

31. Major E. W. Dann, Professor, Aligarh Muslim University, Aligarh.

32. Mr. D. P. Bhattacharya, Professor of Mathematics, Bareilly College, Bareilly.

33. Mr. V. S. Tamma, Professor of Physics, Meerut College, Meerut.

34. Mr. Madho Prasad, Professor of Chemistry, Meerut College, Meerut.

35. Mr. Chand Bahadur, Professor of English and History, Meerut College, Meerut.

36. Mr. Lakshman Prasad, Principal, D. A.-V. Intermediate College, Dehra Dun.

37. Maulvi M. A. Nami, Lecturer, Arabic and Persian Department, Allahabad University, Allahabad.

38. Dr. N. G. Chatterji, Assistant Chemist, Government Technological Institute, Cawnpore

39. Mr. F. Shah Gilani, Professor of Persian, Meerut College, Meerut.

40. Mr. C. D. Thompson, Head of the Economics Department, Allahabad University, Allahabad.

41. Mr. C. A. Warburton, Professor of Economics, Allahabad University, Allahahad.

42. Mr. J. A. Strang, Professor of Mathematics, Lucknow University, Lucknow.

43. Mr. W. G. P. Wall, Principal, Government Intermediate College, Allahabad.

44. Mr. R. S. Weir, Inspector of Schools, Lucknow division, Lucknow.

45. Mr. S. P. Prasad, Professor of Physics, Agra College, Agra.

46. Maulvi S. M. Ibn Ibrahim, Professor of Arabic and Persian, Agra College, Agra.

47. Mr. Hitkari Singh Seth, Professor of Zoology, Agra College, Agra.

48. Mr. J. C. Powell-Price, Inspector of Schools, Gorakhpur division, Gorakhpur.

49. The Rev. A. C. Pelly, Principal and Professor of English, St. Andrew's College, Gorakhpur.

50. Mr. G. N. Basu-Mullick, Professor of History, Meerut College, Meerut.

51. Mr. P. Seshadri, Professor of English, Benares Hindu University, Benares.

52. Mr. R. H. Moody, Inspector of Schools, Allahabad division, Allahabad.

53. Dr. K. N. Bahl, Professor of Zoology, Lucknow University, Lucknow.

54. Dr. S. M. Sane, Professor of Chemistry, Lucknow University, Lucknow.

55. Mr. Maya Das, Principal, Agricultural College, Cawnpore.

56. Dr. Meghnad Saha, Professor of Physics, Allahabad University, Allahabad.

57. Mr. M. K. Ghosh, Reader, Commerce Department, Allahabad University, Allahabad.

58. Mr. Hira Lal Khanna, Principal, B. N. Sanatan Dharm Intermediate College, Cawnpore.

59. Mr. Shankar Prasad Bhargava, Principal, S. D. College of Commerce, Cawnpore.

60. Mr. S. C. Chatterji, Principal, Christ Church College, Cawnpore.

61. Rai Sahib Pandit Kali Prasad, Principal, Government Jubilee Intermediate College, Lucknow.

62. Qazi Khurshed Ahmad, Principal, Government Intermediate College, Jhansi.

63. Lala Kishen Chand, Principal, Government Intermediate College, Moradabad.

64. Pandit Manohar Lal Zutshi, Principal, Government Training College, Lucknow.

65. Mr. F. J. Fielden, Principal, Agra College, Agra.

66. Miss M. E. Shannon, Principal, Isabella Thoburn College, Lucknow.

67. Mrs. Padma Bai S. Rao, Principal, Theosophical National Girls' School and Women's College, Benares.

68. Maulvi Mahdi Husain Nasiri, Head Master, Government High School, Bara Banki.

69. Pandit Gopi Nath Kaviraj, Principal, Government Sanskrit College, Benares.

70. Mr. J. D. Talibuddin, Principal, Government Intermediate College, Allahabad.

71. Mr. K. A. Subramanya Iyer, Reader in Sanskrit, Lucknow University, Lucknow.

72. Rai Sahib Pandit Sukh Deo Tiwari, Principal, Kanya Kubja Intermediate College, Lucknow.

73. Mr. Narayan Das, Principal, Radhaswami Educational Institute, Agra.

74. Mr. Brahma Swarupa, Principal, N. R. E. C. Intermediate College, Khurja.

75. Mr. Asit K. Haldar, Principal, Government School of Arts and Crafts, Lucknow.

76. Dr. D. R. Bhattacharya, Allahabad University.

77. Dr. Ram Prasad Tripathi, Allahabad University.

78. Mr. S. K. Rudra, Allahabad University.

79. Pandit Amaranatha Jha, Allahabad University.

80. Dr. J. H. Mitter, Allahabad University.

81. Mr. Khushal Kishore, Training College, Allahabad.

82. Mr. D. L. B. Riley, Agra College, Agra.

83. Mr. J. T. Goodchild, St. John's College, Agra.

84. Mr. A. C. Datta, St. John's College, Agra.

85. Rev. C. D. Wood, Christ Church College, Cawnpore.

86. Dr. K. C. Pandya, St. John's College, Agra.

87. Mr. N. K. Sidhanta, Lucknow University.

APPENDIX D.

List of the Teaching Staff of Colleges in and outside the United Provinces recognized by the Board.

MEERUT COLLEGE, MEERUT.

Affiliated in Arts, 1892 *and* 1895; *in Science*, 1906 *in Law*, 1893.

This institution owes its origin to the liberality of the nobility and gentry of the Meerut division, who created an Endowment Fund for the encouragement of higher education within the division.

The College, which is aided by the Government and by the District and Municipal Boards, teaches up to the M.A., B.A., B.Sc. and LL.B. standards, and also for the Intermediate Arts, Science and the Commercial Diploma Examinations of the Board.

There is a Business department in which Typewriting, Shorthand and Book-keeping are taught.

The College stands on its own grounds, 63 bighas in extent. The building consists of (1) the College, (2) old Hindu Hostel including quarters for Indian Professors, (3) new Hindu Hostel with a Pooja Hall given by L. Hardeo Prasad, (4) third Hindu Hostel, (5) Mahommedan Hostel, (6) Principal's and Vice-Principal's bungalows. The College Hostels provide accommodation for 226 students and there are twelve Professors living in residential quarters in the College compound.

The new College building, which up to the present has cost about Rs. 1,00,000, consists of two wings, one containing the Arts classes and the other the Laboratories and Science lecture rooms, with workshop and gas plant.

The institution was founded in 1892, and is governed by a Board of Management, but the immediate control of the College is in the hands of an Executive Committee,

three members of which are *ex officio* and the rest elected by the Board of Management.

An endowment, producing some Rs. 400 annually, was given by the late Rai Ramanuj Dayal Bahadur. The endowment is spent in providing scholarships to poor students of the Meerut College.

There are also :—

(1) Four L. Har Sahai Scholarships of Rs. 4 each.

(2) Rai Bahadur Nihal Chand Scholarship for the best Sanskrit student of the Vaish community. (Rs. 60 a year.)

(3) Four L. Nanak Chand Scholarships (one for each year) for Hindu students whose circumstances render it difficult to continue their studies. (Rs. 312 a year.)

(4) A Scholarship of Rs. 5 per mensem on behalf of the Beopar Sahayak Bank, Ltd., Meerut, for a needy student of the Meerut College.

(5) Professors' and students' King Edward VII Memorial Scholarships (eight scholarships of Rs. 4 and eight of Rs. 3 each were awarded during the year 1924-25).

(6) Hafiz Abdul Karim Scholarships for needy Mahommedans. (During the year 1924-25 eight Scholarships of Rs. 600 in all were awarded.)

Besides these scholarships nine Government Scholarships were awarded during the year 1924-25 to the meritorious students of the College.

The "Hem Swarup Medal" is awarded annually to the best student in the fourth year B.A. class; the "Nirtya Kali Dassi Silver Medal" to the best student in the fourth year B.Sc. class; and the "Ganga Saran Silver Medal" to the first student in the Intermediate Arts and the "Oswiny Coomar Silver Medal" to the first student in the Intermediate Science class.

INSTRUCTIVE STAFF.

1.	Lt.-Col. T. F. O'Donnell, M.C., B.A. (Honours) Classics, Royal University, Dublin.	Principal.
2.	V. S. Tamma, M.Sc. (Allahabad).	Physics, XII.
3.	P. G. Abraham, B.A. Honours (Madras), B.A. Honours (Oxon.).	English Text, XII.
4.	G. N. Bose Mullick, M.A. (Allahabad).	History, XII.
5.	Chand Bahadur, M.A. (Punjab) History, (Allahabad) English.	English Text, XII and XI, General English.
6.	J. N. Sinha, M.A., P.R.S. (Calcutta).	Logic, XI.
7.	Madan Mohan, M.A. (Benares)	Mathematics, XII and XI.
8.	F. Shah Gilani, M.A. (Punjab)	Persian, XII and XI.
9.	Dharmendra Nath Shastri, M.A., M.O.L. (Punjab), M.R.A.S.	Sanskrit, XII and XI.
10.	Nand Lal, M.A. (Allahabad)	Economics, XII and I-C. D. and II-C. D.
11.	V. P. Bidwai, M.Sc., LL.B. (Allahabad).	Physics, XI.
12.	Dori Lal Dubey, M.A. (Allahabad).	Economics, XII, XI and I-C. D.
13.	Amba Datt Choudhry, M.Sc. (Allahabad).	Chemistry, XII.
14.	Rameshwar Dayal, M.A. (Allahabad).	Mathematics, XII and XI.
15.	J. C. Biswas, M.A. (Calcutta)	General English, XII; English Text, XI.

16.	H. M. Mukerjee, M.A. (Calcutta).	English General, XII and English Text, XI.
17.	Parmatma Saran, M.A. (Benares).	English General, XII and I.C.D.; History, XI.
18.	J. P. Suda, M.A. (Allahabad)	Logic, XII.
19.	Piyare Lal Shastri (Punjab)	Sanskrit, XII and XI.
20.	S. Mahmud Ali Grami, Munshi Fazil (Punjab).	Persian, XII and XI.
21.	Banwari Lal (CER. COM. DIP.).	Shorthand, XII and XI; Book-keeping, XII; Typewriting, XII and XI.
22.	S. K. Tankha, B. COM. (Bombay).	Business Methods, XII and XI; Book-keeping, XI; Commercial English, XII; Commercial Geography, XII and XI.
23.	Shanker Lal, B. COM. (Lucknow).	Commercial English, XI.
24.	Radhika Behari Mathur, M.SC. (Allahabad).	Physics, XII.
25.	M. Muhammad Sharif, M.SC. (Aligarh).	Chemistry, XII.
26.	Mahi Pal Gupta, M.SC. (Allahabad).	Chemistry, XI.
27.	Ghasi Ram Jain, M.SC. (Allahabad).	Physics, XII.
28.	P. K. Goswami, M.A. (Allahabad).	General English, XII; English Text, XI; Sanskrit, XI.
29.	U. N. Mathur, M.A. (Allahabad).	General English, XI and XII; Persian, XI.

DAYANAND ANGLO-VEDIC INTERMEDIATE COLLEGE, DEHRA DUN.

This institution was first started at Meerut in 1893 as a school under the control of a committee of management. The school was afterwards taken over to Dehra Dun in 1904 and the munificent liberality of Thakur Puran Singh Negi infused a new life into it. The signal success and improvement which began to attend the institution from 1912 encouraged the Managing Body to take steps for raising its status, and it was converted into an Intermediate College in 1922. It attracts students not only from different parts of India but also from places such as Nepal, Burma and Kabul.

The College has an ideal site commanding a view of the Himalayas and measuring about 20 acres. The College buildings which have been erected at a cost of three lakhs of rupees now comprise 16 spacious class rooms, a library, a Professors' common room and a big central hall. Two large wings called the Shatabdi Blocks have recently been completed at a cost of Rs. 54,000 containing four separate lecture halls and two laboratories.

The Hostels are surrounded by extensive playing fields and have accommodation for about 200 students. All Hostels have resident Superintendents, almost all of them being teachers in the College. The laboratories are equipped with adequate arrangements for practical work in Physics and Chemistry. The apparatus and chemicals alone cost Rs. 20,000. One lakh of rupees is annually spent on the maintenance of the College and Hostels. Attached to the College and under the control of the Principal is a Sanskrit Pathshala which imparts free instruction up to the standards of Shastri, Acharya and Tirtha Examinations of the various Indian Universities.

The staff consists of 37 experienced and qualified teachers, among whom are to be reckoned 9 M.A.'s and M.Sc.'s and 6 B.A.'s and B.Sc.'s trained or experienced.

Adequate provision has been made for the physical welfare of the students and athletic instruction is imparted according to Indian as well as European methods. Religious instruction constitutes a special feature of the institution. The College has debating Societies, the object of which is to inculcate in the students a higher conception of civic life and stimulate the powers of expression. Extensive additions have been made to the College Library which consists of carefully-selected educational books. The Reading Room is provided with useful periodicals, newspapers and magazines, both English and Vernacular. Drawing, Painting and Handicrafts receive special encouragement and the College Museum affords ample testimony to it. First-aid lectures are regularly given for the purpose of promoting social service among the students.

INSTRUCTIVE STAFF.

1.	Lakshman Prasad, M.A., Principal.	English Translation, XI and XII; English Dictation, X-A and X-B.
2.	A. D. Banerji, M.A., B.L., Vice-Principal.	History, X, XI and XII.
3.	Badri Nath Chhibbar, B.A., L.T.	English Text and Comp., X; Indian History and Geography, X.
4.	S. C. Bhattacharya, M.A ...	English Poetry, General English and Grammar, X; English Text, Poetry and Comp., XI and XII.
5.	A. S. Sinha, M A., L.T. ...	Mathematics, X, XI and XII.
6.	L. N. Gupta, M.Sc. ...	Science, X; Chemistry, XI and XII.

7.	Jitendra Pati Roy, M.Sc. ...	Science, IX; Physics, XI and XII.
8.	S. B. Roy, M.A.	Logic, XI and XII; English Text, Grammar and Geography, IX.
9.	Shankar Lal, M.A. ...	Economics, XI and XII; English Translation, X and English Text and Rapid Reading, IX.
10.	Pandit Krishna Nand Pant, M.A., M.O.L., Shastri, Sahitya-charya, Kavya Tirth.	Sanskrit X, XI and XII; Hindi, X.
11.	Ralia Ram, B.A. ...	Mathematics, IX and X.
12.	Prem Singh, B.A. ...	English Translation and Comp., IX; History, IX.
13.	Salig Ram, B.A. ...	English Text and Comp., IX; English History, IX and X.
14.	Mathura Prasad, B.Sc. ...	Demonstration Science, IX.
15.	Pandit Ramchandra, Madhya-ma, Acharya, Part I.	Sanskrit, IX; Hindi, IX.
16.	Pandit Raghuber Dyal Shastri, Acharya.	Hindi, IX.
17.	Sayed Abbas Husain (experienced).	Persian, IX, X and XII.
18.	Sayed Taqi Husain, Munshi...	Urdu, IX and X.
19.	Ayodhya Nath Khanna, Drawing Master, Senior Certificate, Punjab Mayo School of Arts, Lahore.	Drawing, IX and X.

N. R. E. C. INTERMEDIATE COLLEGE, KHURJA.

The N. R. E. C. Intermediate College, Khurja, was established as a High School in 1902 by the late Hon'ble Rai Nathi Mal Bahadur, C.I.E., and his brother Lala Ram Sahai Mal. It continued to prosper under the fatherly care of the founders until 1915 during which period the main building consisting of a hall and 20 rooms and Govind and Hewett Hostels each accommodating about 100 students were built at a cost of about Rs. 1,59,319. The Hon'ble Rai Nathi Mal Bahadur, C.I.E., died in 1915, but he very sagaciously had made over the institution in his lifetime to a Board of Trustees and had endowed it handsomely. The endowment at present consists of a village worth about Rs. 80,000 and cash Rs. 99,000, invested in various securities.

The Board of Trustees are managing the institution since 1909. Two very fine blocks, one Physics laboratory and the other for the Chemistry laboratory, have been built since and also a bungalow for the Principal and one set of six class rooms for classes IX and X at a cost of about Rs. 22,834, Rs. 16,310, Rs. 10,287 and Rs. 16,339, respectively.

Another block of six rooms has been built for the Intermediate and C. D. classes which were added in 1923 and 1924 respectively.

A hostel for College classes is nearing completion. The Government has generously given the entire cost of both the above.

INSTRUCTIVE STAFF.

1.	Brahma Swarupa, M.A., Principal.	English Text, XII, XI, II-I C. D.; Math., XI.
2.	Chunnilal Mazumdar, M.A., B.T., Vice-Principal.	Economics, XII, XI, II and I. C. D.; English, IXB.
3.	Ramsaran Das Saksena, M.SC.	Chemistry, XII to IX.

4.	Din Dayal Gupta, M.Sc., LL.B.	Physics, XII to IX.
5.	S. S. Chatterji, M.Sc. ...	Mathematics, XII to X and IXA.
6.	Deokinandan Sharma, M.A., LL.B.	Logic, XII and XI; English, XIIB and IXA.
7.	Raghukul Tilak, M.A. ...	History, XII to X; Civics, XII and XI.
8.	Hari Har Nath Hukku, M.A.	English, XIIA, XI, and XB.
9.	Shridhar Singh, M.A. ...	Hindi, XII to IX; English, IXC.
10.	Govind Narain Singhal, M.A.	History, XII, XI and IX; English, XA; Mathematics, IXC.
11.	Asa Ram Kaushic, M.A. ...	Persian and Urdu, XII and XI; English, IXC.
12.	Gopi Saran Bhatnagar, C.D. ..	Shorthand, II and I-C. D.; Typewriting, II-C. D.; English, II and I-C. D.; Com., IX.
13.	Chandra Deo Prasada Srivastav, B. COM.	Book-keeping and Business Methods, II and I-C. D.; English, I-C. D.
14.	Shri Ram Gupta, B. COM. (Pt. I).	Typewriting, I-C. D.; Commerce, X.
15.	Ramchandra Singhal, Inter., Grade Drawing.	Drawing, X and IX.
16.	Hoti Prasada Gupta, B.Sc. ...	Geography, X and Mathematics, IXB.
17.	Ram Singh, B.A., O.T. ...	Geography, IX and Mathematics, IXA.

18. P. D. Seshachal Shastri, Kavya-tirtha. Sanskrit, IX to XII.

19. Ziaul Hassan, Munshi ... Persian and Urdu, X and IX.

AGRA COLLEGE, AGRA.

In 1818 Pandit Ganga Dhar Shastri bequeathed to the East India Company the rents of certain lands in the districts of Aligarh and Muttra for the promotion of education. In accordance with the Shastri's will the Agra College was opened in 1823, the endowment then yielding over Rs. 22,000 a year. Subsequently Government added to the income and raised the College to its present status.

In 1883 the management was transferred to a Board of Trustees. At the time of the transfer the Trustees made an appeal to the noblemen and gentlemen of the Province of Agra, and a lakh of rupees was added to the endowment while the capital of the Scholarship Fund was raised from Rs. 25,000 to Rs. 58,500. The Maharaja of Bharatpur maintains additional scholarships.

The immediate control of the College is in the hands of a committee, two of the members of which are official, the rest nominated by the Trustees.

The College formerly consisted of two departments, viz., the College proper under a Principal and the school under a Headmaster. But in July, 1909, the School department was handed over to Government by the Trustees in order that they might be free to devote all their resources for the benefit of the College.

There are 422 students enrolled in the Intermediate (Arts and Science) classes, 331 in the degree and post-graduate classes of the College department and 204 in the Law department, including 65 students who have taken both M.A. or M.Sc. and Law simultaneously.

There are 378 College students resident in the College Hostels and 77 in the Caste Boarding Houses.

INSTRUCTIVE STAFF.

1.	F. J. Fielden, M.A. (London), M.A. (Cantab.), 1st class with distinction in Medieval and Modern Languages Tripos (English and French).	Principal.	
2.	Hitkari Singh Seth, M.Sc., LL.B. (Allahabad), Zoology.	Professor of Zoology.	
3.	Chandra Puri Goswami, M.A., LL.B. (Allahabad), English.	Ditto	English.
4.	Syed Muhammad Ibn Ibrahim, M.A. (Allahabad), 1st class, Arabic.	Professor of Arabic and Persian.	
5.	Krishna Lal Misra, M.A. (Allahabad), Sanskrit.	Professor of Sanskrit.	
6.	Agha Mahdi Husain, M.A. (Punjab), History.	Lecturer in History.	
7.	P. M. Bhambhani, B.A. (Honours), M.A. (Bombay), Philosophy.	Ditto	Logic.
8.	Hari Ram, M.A., B.T. (Punjab), English, M.A. (Allahabad), Philosophy.	Ditto	English.
9.	Gokul Chand, M.A., LL.B. (Allahabad), English.	Ditto (*on leave*).	ditto
10.	Nagendra Nath Mukerji, M.A. (Calcutta), English, F.R.E.S. (London).	Ditto	ditto.
11.	D. M. Borgaonkar, M.A. (Allahabad), English, 1st (Internal side) University Research scholar in English.	Ditto	ditto.
12.	Shyam Sunder Chaturvedi; M.A. (Allahabad), English.	Ditto	ditto

13.	Mannoo Lal Misra, M.A. (Allahabad), 1st class, First, Mathematics.	Lecturer in	Mathematics.
14.	Rama Kant Chaturvedi, M.Sc., B.Sc. (Hons.), (Lucknow).	Ditto	ditto.
15.	Chaman Lal Mital, M.Sc. (Allahabad), Chemistry.	Ditto	Chemistry.
16.	Jang Bahadur Jha, M.Sc. (Allahabad), Chemistry.	Ditto	Chemistry
17.	Moti Lal, M.Sc. (Allahabad), Chemistry.	Ditto	ditto.
18.	Sukhdeo Prasad Khandelwal, M.Sc. (Allahabad), Physics. F.C.I. (Birm.).	Ditto	Physics.
19.	Madho Lal Jaiswal, M.Sc. (Allahabad), Physics.	Ditto	ditto.
20.	Salig Ram Sud, M.Sc. (Punjab), Botany.	Ditto	Biology.
21.	Kanhaiya Lal, M.Sc. (Allahabad), Zoology.	Ditto	ditto.
22.	Nawal Kishore Singh, M.Sc. (Allahabad), Zoology.	Ditto	Zoology.
23.	Mrs. Riley, Exhibitioner, Somerville College, Oxford, B.A. (distinction), History, shortened Honours course.	Ditto	Economics.
24.	Kashi Prasad Mathur, M.A. (Allahabad), Economics.	Ditto	ditto.
25.	Praneshwar Nath Kathju, M.Sc. (Allahabad), Chemistry.	Demonstrator in	Chemistry.
26.	Purushottam Das Goyal, M.Sc. (Allahabad), Chemistry.	Dttto	
27.	Lalta Prasad Saksena, B.Sc. (Allahabad).	Ditto	
28.	Sada Behari Raizada, M.Sc. (Allahabad), Physics.	Demonstrator in	Physics.

29.	Ram Swarup Sinha, M.Sc. (Allahabad), Physics.	Demonstrator in Physics.
30.	Mata Prasad Mathur, B.Sc. (Allahabad).	Ditto.
31.	Shambhu Nath Dube, M.Sc. (Allahabad), Zoology.	Demonstrator in Biology.
32.	Raghunandan Prasad, M.Sc. (Allahabad), Zoology.	Ditto.
33.	Babu Lal Gupta, M.Sc. (Allahabad), Botany.	Ditto.
34.	Maharaj Krishna Varma, Medallist, Elementary and Intermediate (I, II and III) Grade Drawing Examinations of Government J. J. School of Arts, Bombay.	Drawing Master.

ST. JOHN'S COLLEGE, AGRA.

The College is under the general control of the Church Missionary Society and a Governing Body of which the Bishop of Lucknow is *ex officio* Chairman.

The object of the College is twofold: to provide education on Christian principles for the Christian under-graduates of the University, and to provide an opportunity for those who have been brought up in the religious atmosphere of a mission school to continue their student life in surroundings similar to those to which they have grown accustomed.

The Degree and Intermediate classes have not been separated and the students of both the classes live together in the five College Hostels. The number of Intermediate students on the rolls in January 1927 were as follows:—

First year—83.

Second year—111.

The College provides instruction in Arts, Science and Commerce for both Intermediate and Degree students.

There are various scholarships both for Christian and non-Christian students, details of which may be had from the College office.

INSTRUCTIVE STAFF.

1.	The Rev. Canon A. W. Davies, M.A. (Oxon.), Lit. Hum.	Principal.
2.	The Rev. T. D. Sully, M.A. (Oxon.), Vice-Principal.	Logic, XII.
3.	C. Mahajan, M.A. (Bombay)...	English Text and Composition, XII.
4.	P. N. Nascar, M.A., L.T. (Allahabad).	English Text and Translation, and Composition XII.
5.	T. R. Milford, B.A. (Oxon.) ...	English Text, XII.
6.	R. D. Trivedi, M.A. (Allahabad).	English Text, and Composition, XII and XI; Translation, XII and XI.
7.	Suraj Prasad, M.A. (Allahabad)	English Text, and Composition, XII, and Translation, XI.
8.	J. C. Taluqdar, M.A. (Calcutta)	History, XII.
9.	Bishan Narain Verma, M.A. (Allahabad).	History, XII and XI.
10.	H. B. Mundle, M.A. (Calcutta)	Logic, XI.
11.	G. S. Saksena, M.A. (Lucknow)	Economics, XI.
12.	Ram Swarup Dwivedi, B. COM. (Allahabad).	Economics, XII Arts and Commerce and XI Commerce; Commercial Geography, XI and XII.
13.	G. S. Sharma	Sanskrit, XI and XII.
14.	Abid Hasan Faridi, M.A, L.T. (Allahabad).	Persian, XI.

15.	Ali Ahmad Khan ...	Persian, XI and XII.
16.	Hamid Hasan Kadri, Inter. (Punjab) and Hons. in Persian (Punjab).	Persian, XII.
17.	Champa Ram Chaturvedi, M.A. (Allahabad).	Mathematics, XI.
18.	Kanwar Bahadur, M.A. (Punjab).	Mathematics, XII and XI.
19.	Miss D. M. Honeybourne, M.A. (London).	Mathematics, XII and XI.
20.	K. C. Banerji, M.Sc. (Allahabad).	Physics, XII (Theory and Practical).
21.	W. C. Chowfin, M.Sc. (Lucknow).	Physics (Theory and Practical), XI and Physics Practical, XII.
22.	R. N. Bhar, M.Sc. (Lucknow)	Physics (Pr.), XII and XI.
23.	K. C. Pandya, M.A. (Bombay), Ph.D. (London).	Chemistry, XII.
24.	N. M. Antani, M.A. (Bombay)	Chemistry, XII and XI.
25.	Param Sukh, M.Sc. (Allahabad)	Ditto.
26.	F. C. Bosman, B.Sc. (Allahabad).	Chemistry Demonstrator.
27.	L. P. Mathur, M.Sc. (Benares).	Zoology, XII and XI (Theory and Practical) XII.
28.	Beni Charan, M.Sc. (Allahabad).	Zoology Demonstrator, Practical XII and XI.
29.	N. M. Mukerji, M.Sc. (Calcutta).	Botany, XII and Practical XII.
30.	C. S. Krishnamurti, M.Sc. (Benares).	Botany, XI and Practical XI and XII.

31.	N. Timothy, B. COM. (Lucknow).	Commercial English, Business Organization and Book-keeping, I and II-C.D.
32.	E. W. Lall, Diploma in Shorthand and Typewriting.	Shorthand and Typewriting, I and II-C.D.

RADHASWAMI EDUCATIONAL INSTITUTE, AGRA.

This institution was founded by the Radhaswami Satsang Sabha, Dayalbagh, Agra, with the object of placing the education of boys and girls on a sound moral and spiritual basis. It was raised to the High School standard in July, 1918, and to the status of an Intermediate College in 1922. The institution is recognized in History, Geography, Persian, Sanskrit, Science and Drawing for the High School Examination and in Physics, Chemistry, Biology, Mathematics, History, Economics, Logic, Persian and Sanskrit for the Intermediate Examination of the Board.

The institute is located in a healthy locality outside the township of Agra and classes are conducted in a magnificent double-storied building of red brick interspersed with white marble, constructed by the Sabha at a considerable cost.

The management of the institution is placed in the hands of a Managing Committee consisting of eleven members. The institute is in receipt of grant from the provincial revenues, and the difference, between the income and expenditure of the Institute is made good by the Radhaswami Satsang Sabha from its funds. Besides meeting this difference the Sabha has, up to this time, spent about 5 lakhs on the construction and equipment of College buildings, hostels, residential quarters for the staff, etc.

Of the important and distinguishing features of the Institute mention may be made of the following:—

(1) The majority of the students live in the hostels, and quarters have been provided to almost all the members of the staff in the vicinity of the Institute, so that they may associate closely and frequently with the pupils.

(2) Co-education is encouraged and boys and girls are taught together up to a certain age in the High School department. There is, however, no hostel arrangement for girls yet.

(3) It is an all-India institution and boys from all parts of the country are admitted and made to live and dine like members of a common brotherhood.

(4) Manual Training is encouraged among the senior boys, and facilities for the same are provided in our Model Industries workshop.

(5) A religious class is held every Sunday, in which lectures are delivered on non-denominational theistic subjects and general principles of morality, with the object of making the students God-fearing and God-loving young men.

INSTRUCTIVE STAFF.

1.	Narayan Das, B.A., S.C. (Allahabad), F. R. S. A., Principal.	Logic, XII; General English, XII—IX.
2.	V. Madhavarao Naidu, M.A. (Madras), Vice-Principal.	Mathematics, XII.
3.	Misri Lal Gupta, M.A., L.T. (Allahabad). M. R. A. S. (London).	Mathematics, XII and X; History, XII and XI.
4.	Charan Adhar, M.A. (Punjab), F.R.E.S. (London).	Economics, XII and XI; History, X and IX.

5.	Badri Prasad Mathur M.A. (Allahabad), T. DIP. (London), Member of the Royal Society of Literature.	English, XII and IXB.
6.	A. C. Datta, M.A. (Calcutta), F.C.S. (London).	Physics, XII and XI.
7.	Nand Lal Ghiek, B.Sc. Honours (Wales), F.C.S. (London).	Chemistry, XII and XI.
8.	Som Prakash, M.Sc. (Allahabad).	Biology, XII and XI.
9.	Gur Prasad Mehra, B.A. (Allahabad), B.T. (Punjab).	English Composition, XI; English, XA, Geography, X and IX.
10.	Tulja Ram Thadani, S.T.C. (Honours).	English, XI and XB.
11.	Sahab Prasad Mathur, M.A. (Aligarh), B.T. (Aligarh).	English Composition, XII.
12.	Balwant Singh, M. S. (Allahabad).	Mathematics, XI, X and IX.
13.	Ram Charan Prasad, B.Sc. (Allahabad), L. T. (Benares).	Science, X and IX.
14.	Dhirendra Lal Pal, M.A. (Calcutta).	English, IX; Logic, XI.
15.	Ram Das Dhingra, B.A. (Punjab), S.A.V. (Punjab).	Drawing, X and IX.
16.	Kamta Prasad, Mulla (Allahabad), Munshi Fazil (Punjab), and Inter.	Persian, XII and XI; Persian, X and IX; Urdu, X.
17.	Mani Ram Shastri, Sahitya Tirtha (Calcutta).	Sanskrit, XII to IX.
18.	Muhammad Qasim, Government School of Arts and Crafts (Lucknow).	Drawing, X and IX.
19.	Ram Narayan Lal, Matric ...	Hindi, X and IX.

BAREILLY COLLEGE.

This College was started in 1884 in the form of College classes attached to the Bareilly High School to take the place of a College formerly maintained by Government at Bareilly, which, having been originally started as a school in 1836, became a College in 1850, and on the abolition of the College department in 1877 was converted into a High School.

The College is maintained from a fund raised by public subscription, among the original subscribers having been the Most Hon'ble the Marquis of Ripon, K.G., His Highness the late Nawab of Rampur, His Highness the late Maharaja of Darbhanga, Raja Jagat Singh of Jaipur, Raja Madhava Rao Venayek, Raja Jai Kishen Dass, C.S.I., of Moradabad, Munshi Newal Kishore, C.I.E., Maharani Sarnomai of Kassimbazaar, Bengal, and others. The College is aided by Government and by the principal District and Municipal Boards of Rohilkhand and Kumaon.

An increase in the Endowment Fund and handsome donations from Raja Kishen Kumar of Moradabad, the late Rai Sheo Bakhsh, Rai Bahadur, and Rani Naraini Koer, supplemented by liberal contributions from Government, have made the foundation of the College as an independent institution possible, and it has now been transferred to buildings which were erected on a site presented by His Highness the Nawab of Rampur, and were opened by His Honour Sir J. D. LaTouche, K.C.S.I., Lieutenant-Governor of the United Provinces, on July 17, 1906.

The general control of the College is vested in a Board of which the Commissioner of Rohilkhand is President, the executive management being in the hands of a committee elected from the Board of Control.

There is a residential house for students erected by Government. It has accommodation for 72 students. The library is well-equipped and is divided into general and departmental sections. The departmental sections are in charge of professors of the various departments.

The students' organizations comprise a College Debating Society called the Union, a Hindi Literary Society, a Urdu Literary Society and a Boarding House Debating Union The College Common Room is managed by students themselves. All the organizations are under the direct supervision of members of the staff.

The College teaches up to the B. A. and B Sc. standards of the University of Agra, and prepares for the Intermediate Examinations in Arts and Sciences and the Commercial Diploma Examination, conducted by the Board of High School and Intermediate Education, United Provinces. The Intermediate and Commerce classes are carried on in the same buildings as the degree classes and with very largely the same staff.

Besides six Government stipends, there is a scholarship fund for the benefit of the poor and deserving students of the Bareilly College. There are 13 endowed and 12 municipal and other scholarships. Medals and prizes are annually awarded to deserving candidates.

The College has undergone considerable development and an extension fund has been opened for purposes of further expansion. The family of the late Lala Brij Mohan Lal have donated over Rs. 15,000 towards the construction of a chemistry block in his memory. The building is complete and the equipment has been finished by Messrs. Mansfield & Sons, Calcutta.

The number of students at the close of the session was 171 in the Intermediate, and 43 in the Commercial Diploma classes.

INSTRUCTIVE STAFF.

1.	E. C. E. Hemsled, M.A. ...	Principal.
2.	A. C. Dutt, M.A. (Allahabad and Lucknow), M.R.A.S. (England).	English Text, XII and XI.
3.	B. K. Pande, M.A. (Allahabad), Research Scholar in English.	English Text, Essay, Translation and Unseen, XII.

4.	D. P. Bhattacharya, M.A. (Calcutta), Griffith Prizeman for 1918.	Mathematics, XII and XI.
5.	Ram Krishen, M.Sc. (Allahabad), Research Scholar in Mathematics.	English Text, Essay, Translation and Unseens, XI, and Mathematics, XII.
6.	S. B. Banerji, M.A. (Calcutta)	History (Indian and Modern European), XII and XI.
7.	R. K. Sharma, M.A., LL.B. (Allahabad).	Economics and (Practical), XII.
8.	Rafique Ahmad Khan, M.A., LL.B. (Allahabad).	Economics, XI and C. D. I and II; General English, C. D. I and II.
9.	H. D. Gupta, M.A. (Allahabad), first (Previous), third (Final).	Logic (Deductive and Inductive), XII and XI.
10.	Kabir Ahmad, M.A., Persian (Allahabad), Alim Examination and M.A. (Previous Arabic) (Allahabad).	Persian, XII and XI.
11.	Sridhar Pant, M.A. (Allahabad), L.T. (B. H. U.), Sankhya-Yoga Shastri (Bengal), Sahitya-Shastri (Jaipur), Kavyatirtha (Patna).	Sanskrit, XII and XI.
12.	J. C. Pal, M.Sc. (Allahabad)...	Physics (Theory and Practice), XI.
13.	Bishambhar Prasad Saksena, M.Sc. (Lucknow), LL.B. (Lucknow).	Physics (Theory and Practice), XII.
14.	A. K. Bhattacharya, M.Sc. (Allahabad).	Chemistry (Theory and Practice), XII and XI.

15.	Shanker Lal, M.A. (Allahabad), B. COM. (Lucknow).	Accountancy, Bookkeeping and Business Methods, and Commercial English, C. D. II and I.
16.	Raghubir Narain, COM. DIP. (Allahabad).	Shorthand and Typewriting, C. D. II and I.

SHYAM SUNDAR MEMORIAL INTERMEDIATE COLLEGE, CHANDAUSI.

Recognized, 1909.

This institution was founded in loving memory of the late Sahu Shyam Sundar by his widow Rani Ram Kali Devi, K.I.H., and mother Srimati Tulsa Devi, *Raises*, bankers and landholders of Chandausi. It was started as a High School in the year 1909, and raised in 1923 to the status of a College teaching up to the standard of the Intermediate and Commercial Diploma Examinations.

The College stands on an ideal site measuring about 173 *bighas*. The buildings comprise five blocks.

There is a net annual income from endowments of Rs. 9,000 and an annual grant of Rs. 5,000 for the upkeep of the College classes.

Hostels.—Attached to the College are five hostels to accommodate 250 boarders. A whole-time medical officer, a dairy, a *dhobi*, a barber and a book and stationery shop have been provided within the College premises.

Courses of study.—As prescribed by the Board. Lectures on First-Aid and Hygiene and lessons on Music are also given.

Scholarships, prizes and medals.

A number of small scholarships aggregating in value Rs. 116 per mensem and medals and prizes are awarded annually to deserving students.

Games.—Ample provision exists. One shield and three cups are annually competed for by the different teams of the College.

Besides a College magazine which appears once a quarter, there are a number of associations, viz., *Commerce Association*, *Nagri Pracharni Sabha*, *Historical Society*, *Debating Society* and *Old Boys' Association*. A *Poor Boys' Aid Library* and a *Loan Fund* are managed by the Old Boys' Association for the benefit of the poor students.

INSTRUCTIVE STAFF.

1.	Rai Sahib J. Mukharji, B.A. (Calcutta), Principal.	English Grammar, XII, II-C. D. and X.
2.	Shiva Shankar Saxena, M.A., L.T. (Allahabad), F.R. Econ. S., Vice-Principal.	English Text, XII, XI, II and I C. D.; English Composition and Translation, XII; English Essay, II C. D.; Persian, English Translation, XII.
3	Womesh Chandra Banerji, M.A. (Previous History), M.A., L.T. (Allahabad), F.R. Hist. S.	English General, XII; English Essay and Grammar, 1 C. D.; History, XII; Logic, XII and XI.
4.	Moti Lal Mathuria, M.A., 1st class (Maths.), M.Sc. (Physics), (Allahabad), F.P.S. (London), Sir Elliot Colvin Medalist, and Cox Gold Medalist.	English History, XI; Physics, XII and XI; Mathematics, XI.
5.	Krishna Kumar Gupta, M.Sc. (Chemistry), 1st class (Allahabad).	Chemistry, XII and XI; Science, X.
6.	Mewa Ram Saxena, M.A., 1st class, 1st (B. H. U.), B.Sc. (Allahabad).	Mathematics, XII, X and IX.

7.	Y. D. Keskar, M.A. (COM.), 1st class, 1st Prize-winner (Calcutta), Gold Medalist, B. COM. (Bombay), F.R. ECON. S.	English Correspondence, II and I C. D.; Economics, I and II C. D.; Book-keeping, II C. D.; Business Method, II and I C. D.
8.	Shiva Dut Tripathi Shastri, M.A. (ECON.), (B. H. U.).	English General, XI; Economics, XI, English, X; History, X.
9.	Pandit Bhagwan Das Gaur, M.A. (Allahabad), Shastri (Jaipur), Acharya, Part 5 (Benares).	Sanskrit, XII to X; Hindi, Text and Unseen, X; Sanskrit Grammar, IX.
10.	Banwari Lal Vaish, M.A., Allahabad, L.T. (B. H. U.).	History and English IX; Indian History, XI.
11.	Kamta Prasad, B.A., L.T. (Allahabad).	English, X; Urdu, IX.
12.	Rahas Behari Lal, B.A., L.T. (Allahabad).	Geography, X and IX.
13.	Mahadev Prasad Vaish, B.A., M.A. (Prev.), (Allahabad).	English, IX.
14.	Jainti Prasad Choubey, B.Sc. (Allahabad).	Mathematics and Science, IX.
15.	Jaidev Prasad Gupta, B. COM. (Lucknow), M. A. (Prev.). Economics.	Précis and Commercial Geography, II and I C. D.; Business Method, X and IX.
16.	Jagdish Saran Agarwala, COM. DIP. (Allahabad), F.C.I., C.T.D. (Birmingham).	Shorthand, I C. D.; Typewriting, II C. D.; Book-keeping, X; Business Methods and Typewriting, IX.

17.	Reoti Saran Sharma, B. COM. Part I.	Typewriting, I C. D. and X; Book-keeping, Accountancy, XI C. D. and IX; and Shorthand, II C. D.
18.	Chhail Behari Lal Varma, School of Arts and Crafts (Lucknow), Fine Arts, School of Arts (Bombay), Medalist.	Drawing, X and IX.
19.	Maulvi Shabbir Husain, Maulvi Fazil (Punjab).	Persian, XII to IX; Urdu, X.
20.	Pandit Maya Ram Pande, Madhyam Visarat (Benares).	Sanskrit and Hindi, IX, and Hindi Grammar and Composition, X.

CHRIST CHURCH COLLEGE, CAWNPORE.

Affiliated in Arts, F. A. 1892; *B. A.* 1896; *M. A.* 1899.

Degree classes re-started, 1926.

College classes were, at the outset, held in the High School building. A separate College building was erected and opened for use in 1897.

To the main building additions have since been made. In 1908 a Science lecture room and Physical and Chemical laboratories were built. In 1911 the reading room was enlarged and converted into a Library. The College Hall was enlarged and re-furnished in 1916.

The College Hostel provides accommodation for about 70 students, Hindu, Muhammadan and Christian. It was opened in 1896 and has since been enlarged by the addition of two new blocks. A European member of the staff is in residence as Warden of the Hostel.

The College is under the general control of the Lucknow Diocesan Board of Missions and a Governing Body of which the Right Revd. the Lord Bishop of Lucknow is Chairman.

INSTRUCTIVE STAFF.

1.	S. C. Chatterji, M.A. (Punjab),	Principal.
2.	S. D. Seth, M. Sc. (Allahabad), Vice-Principal.	Mathematics, XI and XII.
3.	D. B. Haseler. B.A. Cantab).	English Text, XI and XII.
4.	Rev. R. P. Dodd, M.A. (Cantab.), B.D. (Manchester), M.C. (Part-time Hony).	English Text, XII.
5.	Rev. C. D. Wood, M.A. (Oxon.), Part-time (Hony.).	English Text, XI and XII.
6.	F. T. Fisher, B.A. (Cantab.)...	English Text, XI and XII.
7.	C. B. Gordon, B.A. (Cantab.), (Mathematical Tripos 1st class).	Mathematics, XI and XII.
8.	J. K. Mehta, M.A. (Allahabad)	Economics, XII.
9.	Murari Lal, M.A. (Allahabad)	Logic, XI and XII, English Composition, XII.
10.	P. D. Gupta, M.A. (Allahabad).	English History, XI and XII; Economics, XI.
11.	L. K. Tripathy, M.A. (Allahabad).	Indian History, XI and XII, English Composition, XII.
12.	V. Miter, B.A. (Punjab)	English Composition, XI and XII.
13.	A. K. Chowdhry, M.Sc. (Allahabad).	Chemistry, XI and XII.
14.	J. N. Budhwar, M.Sc. (Lucknow).	Physics, XI and XII.
15.	Khwaja Abdul Wajid, B.A. (Punjab), Final Examination Dar-ul-ulum Nadwa.	Persian, XI and XII.

16. Pandit Bhudeva Shastri (Punjab). — Sanskrit, XI and XII.
17. M. Daya Narain Nigam, B.A. (Allahabad), (Editor, "Zamana"). — Urdu, XI.
18. Pandit Tribeni Prasad Bajpai, M.A. (Benares). — Hindi, XI; English Composition, XI and XII.

DAYANAND ANGLO-VEDIC COLLEGE, CAWNPORE.

The Dayanand Anglo-Vedic College, Cawnpore, was started in 1919 as a Degree College, including Intermediate (Arts) and Commercial Diploma classes.

The College has been housed in a bungalow with a commodious compound. This building was purchased by the College Managing Committee in the year 1918. The accommodation available in it was soon found to be inadequate and additions have been made to the building. The attention of the Managing Committee has, during the last 5 or 6 years, been mainly devoted to providing accommodation for classes and for residence of students. A hostel providing accommodation for 140 students has been erected in close proximity to the College. A block of 14 rooms has been constructed for the Collegiate High School and the construction of the main College building is taken in hand. The ground floor of the left wing of the main College building has been completed at a cost of about Rs. 50,000. It consists of six big, airy rooms 25′ × 30′ × 20′ and three smaller rooms. A separate Science block for Intermediate and B.Sc. classes is in process of construction. It is expected to be completed by the end of the present academic year. When the Science block has been erected, the College and Boarding House buildings will have cost about three lakhs of rupees.

The results achieved by the students of the College at the University and the Intermediate Board's Examinations

have been satisfactory. The percentage of passes has uniformly been above the average.

There are a number of scholarships awarded by local bodies and philanthropic organizations and individuals. The number of such stipends in the year 1924-25 was 13. The College also affords assistance in the form of concessions in fees, etc.

The special features of the College are as follows :—

(1) Religious and moral instruction in accordance with the broad principles of Vedic Theology is given in addition to the secular education required for the various University and Intermediate Board's Examinations.

(2) Students are brought in close personal touch with their professors, who not only supervise their studies but also see that they make proper use of their opportunity to develop a good moral character.

(3) Simple living and high thinking is the guiding principle for all who work in the College as professors or as students.

INSTRUCTIVE STAFF.

1.	Diwan Chand, M.A. (English, Punjab; Philosophy, Calcutta).	Principal.
2.	Eka Nath Banerji, M.A. ...	Mathematics, XI and XII.
3.	Rajendra Kumar Ghosh, M.A. (Calcutta).	English, XI and XII.
4.	Ram Chandra Rao, M.A. (Allahabad).	English, XI and XII.
5.	Kalka Prasad Bhatnagar, M.A., LL.B. (Allahabad).	Economics, XI and XII.
6.	Raj Bahadur Gupta, M.A. (B. H. U.).	Economics, XI and XII.

7.	Gobind Ram Seth, M.A. (Punjab).	History, XI and XII.
8.	Kanhaiya Lal Verma, M.A. (B. H. U.)	Civics, XI and XII.
9.	Ram Behari Lal, Shastri, Ved. Tirth, M.A. (Previous, Allahabad).	Sanskrit, XI and XII.
10.	Deputy Lal Nigam, M.A. (Calcutta).	Persian, XI and XII.
11.	Krishna Kumar, M.A. (Punjab).	Logic, XI and XII.
12.	Kanhaiya Lal Misra, M.A., B.Sc. (Allahabad).	Mathematics, XI and XII.
13.	Shankar Lal Jindal, M.Sc. (Allahabad).	Chemistry, XI and XII.
14.	Hazari Lal Rohatgi, M.Sc. (Allahabad).	Chemistry, XI and XII.
15.	Pandit Tota Ram Sharma, M.Sc. (Allahabad).	Physics, XI and XII.
16.	Bishambher Dayal, M.Sc. (Allahabad).	Physics, XI and XII.
17.	Munshi Ram Sahityalankar, M.A. (Punjab).	Hindi, XI and XII.
18.	Dattatraya Krishna Sakhwalkar, M.A. (Commerce-Calcutta), B.A. (Honours), LL.B., B.COM. (Bombay).	Business Methods, Economics and Geography, C. D-I and II.
19.	Thakur Balwan Singh, M.A. Allahabad), B.COM. (Lucknow).	Accountancy and Commercial English, C.D.-I and II.
20.	Raghunath Sahai Saksena, COM. DIP. (Allahabad).	Shorthand and Typewriting, C.D.-I and II.
21.	Raj Bahadur Gupta, M.A. (B. H. U.).	General English, C.D.-I and II.
22.	Kanhaiya Lal Verma, M.A. (B. H. U.)	General English, C D.-I and II.

BISHAMBHAR NATH SANATAN DHARMA INTERMEDIATE COLLEGE, CAWNPORE.

The College is under the general control of Brahmavarta Sanatan Dharma Mahamandal, Cawnpore. It aims at imparting the liberal education in Arts and Science up to the Intermediate standard in such a religious atmosphere that its products may be inspired by the high ideals of the Sanatan Dharma.

The institution was first started in 1917 as a small Pathshala, which within two years developed into a Middle School. In 1922, it was raised to the status of a High School with Commerce as its special feature. Being the only institution of its kind in the vicinity it soon gained in popularity.

Thanks to the munificience of late Rai Bishambhar Nath Bahadur who in addition to the endowment of property worth one lakh of rupees, made a gift of a valuable garden on the Mall, which enabled the Managing Committee to convert the institution into an Intermediate College.

There are two departments of the College, distributed over in two separate buildings. The upper department consisting of classes VII to XII is in the new building on the Mall, and the lower department, consisting of classes III to VI, is accommodated in the old building on the Meston road under a separate staff altogether.

INSTRUCTIVE STAFF.

1.	Hira Lal Khanna, M. Sc., Principal.	Mathematics, X and XI.
2.	Bakshi Mangal Sain, B.A., B.T., Vice-Principal.	English, IX and X.
3.	Mahadeo Prasad, M.A., B. Com.	English, IX and XI.
4.	Chhotey Lal Mehrotra, M.A....	Economics, XI.
5.	Sadgur Saran Awasthi, B.A. ...	English, IX and Hindi, IX, X and XI.

6.	Gokarn Nath Misra, M.A. (Prev.)	Mathematics, IX and X; History, XI.
7.	Sardar Narain Singh, B.A., L.T.	English, IX; Geography, IX and X.
8.	Lakshman Rao Narain Gadgeel, B A., L.T.	History, IX and X; Sanskrit, XI.
9.	Shiva Narain, B.A., L. T. ...	Mathematics, IX.
10.	Bachhan Lal, C.D. ...	Commerce, IX and X.
11.	Ganesh Narain, Normal Trained, passed 3rd Grade School of Art., Bombay.	Drawing, IX and X.
12.	Ahmad Husain Khan, Munshi Alam.	Persian, IX and X.
13.	Kanahya Lal, Viyakarn Tirth	Sanskrit, IX, X and XI.
14.	Shiva Balak Ram, Normal Trained.	Hindi, IX.

EWING CHRISTIAN COLLEGE, ALLAHABAD.

In October, 1846, the British East India Company made over its College work at Allahabad to the American Presbyterian Mission. When the Civil Station was removed from the Jumna in 1853, the Mission purchased the Court building for educational work and started a Collegiate School. After a few years College classes were given up and school classes alone continued, the institution being known as the Jumna Mission School or the A. P. Mission High School.

In 1900 the American Presbyterian Mission decided to reopen the College at Allahabad, and the First Class was formed in 1902. In order to keep school and College separate, the old Court building was torn down and a better home for the school erected at the western end of the Jumna compound, leaving the eastern end free for the College.

This has now the following buildings:—A main College building with a Laboratory for Biology, a Library (of more than ten thousand volumes), administrative offices, eleven

lecture rooms, and an Assembly Hall to seat one thousand; a Laboratory for Physics and one for Chemistry; an Infirmary, ten residences for members of the Staff; and five Hostels, with a total accommodation for two hundred. Four of the Hostels are arranged with suites of rooms for one or more unmarried professors.

In 1923, as a result of the reconstruction of the University of Allahabad, the College gave up its B.A. and M.A. classes to the University, and was resolved into two institutions—an Intermediate College, which took over classes IX and X from the High School, and an Internal College which provided Hostels for University students and gave them tutorial instruction.

The Intermediate College now (August, 1925,) has 580 students on its roll.

INSTRUCTIVE STAFF.

1.	C. A. R. Janvier, M.A. (PRINCETON), D.D. (URSINUS), Principal.	English.
2.	C. H. Hazlett, B.A. (Washington and Jefferson). B. D. (Western).	Ditto.
3.	Roger C. Roy, B.A., L.T. (Allahabad).	Ditto.
4.	Bene Simlai, M.A. (Lucknow)	Ditto.
5.	N. K. Biswas, M.A. (Calcutta)	Ditto.
6.	T. B. Shah, B. A. Hons. (Lucknow).	Ditto.
7.	Mrs. C. A. R. Janvier ...	Ditto.
8.	H. T. Bose, M.A. (Calcutta)...	Logic.
9.	Saraswati Prasad, M.A., L.T. (Allahabad).	Economics.
10.	R. W. Bandy, B.A. (Parsons)	Ditto.
11.	E. Charles Bhatty, M.A. (Allahabad).	Ditto.
12.	F. R. Collins, M.A. (Wooster)	History.

13.	N. N. Ghosh, M.A., L.T. (Allahabad).	History.
14.	A. Ralla Ram, B.A. (Punjab)	Ditto.
15.	C. J. Adams, B.A. (Allahabad), Librarian.	Ditto.
16.	J. C. Manry, M.A., B.D. (Harvard), PH. D. (Iowa).	Geography.
17.	E. V. Noble, B.A., L T. (Allahabad).	Ditto.
18.	Ram Narain Misra, B.A. (Allahabad.)	Ditto.
19.	Mohammad Anwar-ul-Hakk, M.A., LL B. (Allahabad).	Persian and Urdu.
20.	Hammad Ali, M.A. (Allahabad).	Ditto.
21.	Muhammad Habib Husain, Fazil.	Ditto.
22.	Sibtul Hasan, Fazil ...	Ditto.
23.	R. K. Shukla, M.A. (Allahabad).	Sanskrit and Hindi.
24.	Pandit Krishna Shastri ...	Ditto.
25.	Ram Lakhan Shukla, B.A. (Allahabad).	Ditto.
26.	Ram Naresh Misra, B.A. (Allahabad).	Ditto.
27.	N. B. Mitra, M.A. (Calcutta)...	Mathematics.
28.	S. Bose, M.Sc. (Allahabad) ...	Ditto.
29.	Avadh Behari Lal, M.Sc. (Allahabad).	Ditto.
30.	B. B. Malvea, M.A., M.Sc. (Allahabad).	Chemistry.
31.	S. C. Agarwal, M.Sc. (Allahabad).	Ditto.
32.	B. R. Chatterji, B.Sc. (Allahabad .	Ditto.
33.	Shyam Sundar Lal, B.Sc. (Allahabad).	Ditto.

34.	Ram Kishore Sharma, M.Sc. (Allahabad).	Physics.
35.	K. B. Mathur, M Sc. (Allahabad).	Ditto.
36.	A. C. Roy, B.Sc. (Allahabad)	Ditto.
37.	Bala Prasad Srivastava, B.Sc. (Allahabad).	Ditto.
38.	Winfield Dudgeon, Ph.D. (Chicago).	Botany.
39.	D. N. Coondoo	Ditto.
40.	H. G. Kribs, B.D. (Union) PH. D. (Pennsylvania).	Zoology.
41.	Kali Sahai Srivastava, B.Sc. (Allahabad).	Ditto.
42.	K. D. Banerji, B.Sc. (Calcutta).	General Science
43.	Bhagwati Prasad (Government Carpentry School).	Manual Training.
44.	A. W. Singh ...	Ditto.

KAYASTHA PATHSHALA INTERMEDIATE COLLEGE, ALLAHABAD.

The Kayastha Pathshala owes its origin to the magnificent generosity and far-sighted patriotism of Munshi Kali Prasad Kulbhaskar, who gave away his entire property for the intellectual, moral, and physical uplift of the Hindu community. In 1873 it was started as a Primary School; it was raised in 1878 to the status of an Anglo-Vernacular School, and in 1882 to that of a High School. In 1895-96 it was affiliated to the Allahabad University up to the Intermediate standard, and in 1914 to the B.A.

Since April, 1922, the Kayastha Pathshala has been divided into three departments :—

(i) The Internal College of the University which provides residence and tutorial and supplementary instruction for students reading in the University ;

(ii) The Intermediate College, which consists of classes IX and X of the High School; the First and Second year classes of the College (called now classes XI and XII); and the First and Second-year commerce classes preparing candidates for the Commercial Diploma Examination of the Intermediate Board; and

(iii) The Middle School which consists of classes III to VIII.

INSTRUCTIVE STAFF.

1.	F. G. Pearce, B.A. (London)		English, XII to IX and C. D.
2.	S. Deva, M.A. ...	...	English, XII and XI.
3.	J. Sen, M.Sc. ...	...	Mathematics, XII to X.
4.	G. Bhargava, M.Sc.	...	Physics, XII and XI.
5.	Brajraj, M.A., B.Sc., LL.B.	...	English, XII, X and C. D.
6.	B. C. Bose, M A.	...	Logic, XII and XI; English, XII and XI.
7.	B. L. Varma, M.A.	...	History, XII to IX.
8.	Madho Pershad, M.A., L.T.	...	Geography, X and IX.
9.	Dharam Narain, M.Sc.	...	Biology, XII and XI.
10.	Ganeshi Lal, B.A., M.F.	...	Persian, XII to IX.
11.	D. Murty, M.A., Kavyatirth	...	Sanskrit, XII to IX.
12.	Jalpa Pershad, M.Sc.	...	Chemistry, XII and XI.
13.	Sundar Lal, M.A., L.T.	...	English, X and IX.
14.	Ganesh Pershad, B.A.	...	Mathematics, X and IX.
15.	K. S. Asthana, M.A.	...	Economics, XII, XI and C. D.; English, XI.
16.	Gaya Prasad, M.A., B.Sc.	...	English, IX; Science, X and IX.

17.	Dwarka Prasad, Entrance Grade Drawing.	III	Drawing, X and IX.
18.	Anandi Prasad ...	...	Hindi, X and IX.
19.	S. Sharma, B.COM.	...	Book-keeping and Shorthand, C. D. classes.
20.	P. D. Saxena, B.COM.	...	Business Method and Typewriting, C. D. classes.
21.	Babu Ram, M.F.	...	Urdu, X and IX.

ANGLO-BENGALI INTERMEDIATE COLLEGE, ALLAHABAD.

This institution took its birth as a humble pathshala in November, 1875, when the Bengali residents of Allahabad, feeling the want of a suitable school for imparting English education to the Bengali boys through the medium of their mother-tongue, made a small beginning with five boys and one teacher in a private house in the city. With the help of private subscription this infant school steadily worked its way through many weary years of struggle. In the year 1886 it became a self-supporting institution with 178 boys on its roll and it taught up to the Entrance Standard of the Calcutta University down to 1888 and in 1889 it was affiliated to the Allahabad University, sending up boys for the Matriculation Examination every year and achieving excellent results in most years.

In 1894 Sir Promoda Charan Banerji laid the foundation-stone of the present building, and on 28th November, 1899, the late Sir Arthur Strachey, Chief Justice, opened the school in the new building as it then stood. At the end of December, 1925, when it had completed 50 years of its existence, it had 523 boys on its roll. With the sanction of the Board of High School and Intermediate Education the school was raised to the status of an Intermediate College, recognition in the first instance having been limited to English, Mathematics, Sanskrit,

Modern History and Logic, and it was formally opened on the 9th July, 1926. The primary classes I to IV have been removed to a separate building.

The school was managed by the Allahabad Bengali Educational Society, which is a registered body.

The college is located in a double-storied commodious building in a healthy part of the town between the city and civil station on a public road and has ample play-grounds.

The management of the institution is placed in the hands of a managing committee formed out of the above society, consisting of a President, two Vice-Presidents, one Secretary and two Assistant Secretaries and 25 elected members. The office-bearers are as follows :—

President.—Sir Promoda Charan Banerji, Kt.

Vice-Presidents.—The Hon'ble Mr. Justice Lal Gopal Mukerjee

and

Dr. Saraju Kumar Mukerji, Rai Bahadur.

Secretary.—Babu Durga Charan Banerji.

Assistant Secretaries.—Babu Haridas Mukerji

and

Babu Kumar Chandra Bhattacharya.

INSTRUCTIVE STAFF.

1.	Principal (vacant) Babu Phakir Chand Ghosh, B.A. (Allahabad), officiating.	General English, XI ; English Text, X; General English, IX.
2.	Kali Charan Mukerji, M.A. (Math.), (Calcutta), L.T. (Allahabad).	Logic, XII; Mathematics, XII and XI.
3.	Dhrubajyoti Sen, M.A. (Hist.), Calcutta.	History (European, English and Indian), XII and XI ; History (English and Indian), X and IX.

4.	Devendra Nath Dutt, M.A. (Eng.) and B.T., Calcutta, B A. (Hons. English), M.A. Prev. English, Lucknow.	English Text and General English, XII and X; and English Text, XI.
5.	Birendra Nath Chakravarty, M.A. (Sans.), Calcutta.	Sanskrit, XII and X; Bengali, X and IX; Logic, XI.
6.	Kiran Chundra Sinha, M.A., L.T. (Allahabad), (Late Research Scholar in History, Allahabad University).	English Text and General English X and IX, History IX.
7.	Jogendra Nath Bhattacharya, B.A. (Calcutta), L.T. (Allahabad).	Mathematics, XI, X and IX.
8.	Jotindra Nath Bhattacharya, B.A. (Allahabad).	Geography, X and IX.
9.	Girija Kanta Bhattacharya, B.Sc. (Calcutta).	Science, X and IX.
10.	Manindra Narayan Bagchi, B.A., (Calcutta) L.T., (Benares).	General English, IX.
11.	Abhoy Taran Bhattacharya, B.A. C.T., (Allahabad).	Mathematics, IX.
12.	Surendra Nath Banerji, F.A. Madhyama, (Calcutta).	General English, X and IX.
13.	Pandit Gopi Pada Shastri, Sanskrit Madhyama and Sastri (Benares).	Sanskrit, IX; Bengali, IX.
14.	Sreepati Chatterji (Hooghly Normal Trained).	Drawing, X and IX.
15.	Dhirendra Nath Das, Inter. (Calcutta).	Bengali, X and IX.
16.	Maulvi Mohammad Ameer-ud-din, Mullah (Allahabad).	Persian and Urdu, X and IX.
17.	Maulvi Muhammad Umar, Munshi (Allahabad).	Urdu Translation, X and IX.

18. Pandit Keshabdeva Malavya, Madhyama (Benares). — Hindi, X and IX.
19. Pandit Kailash Chundra Misra, I.A. Madhayama, (Allahabad). — Hindi, IX.
20. Shushil Chundra Sinha, (I.Sc.) — Science Practical, IX.

UDAI PRATAP COLLEGE AND HEWETT KSHATTRIYA SCHOOL, BENARES.

The Udai Pratap College and Hewett Kshattriya School was originally a High School founded by Raja Udai Pratap Singh, C.S.I., of Bhinga, with an endowment of 10½ lakhs of rupees for the purpose of spreading English education among the Kshattriya community and fostering the traditional characteristics of the Kshattriya race. The endowment was generously increased in July, 1921, by the Maharani Sahiba, widow of the late founder, to 12½ lakhs to provide for increase of salaries to the staff and has recently been further increased by her to 18½ lakhs to raise the school to the status of an Intermediate College.

The management of the institution is under the control of the Local Government assisted by a committee of management composed of Government officials and Kshattriya Rajas and gentlemen.

His Excellency the Governor of the United Provinces and some Kshattriya Ruling Chiefs are visitors of the school.

The school was opened on the 1st of January, 1909, in the old school building by Sir H. V. Lovett, K.C.S.I., I.C.S., the then Commissioner of Benares. The foundation-stone of the new building was laid on the 25th November, 1909, by His Honor Sir J. P. Hewett, G.C.S.I., K.C.I.E., the then Lieutenant-Governor, United Provinces.

A new Science Laboratory has been constructed and equipped at a cost of about Rs. 75,000.

The grounds cover more than 50 acres. The total value of land and buildings exceeds 8 lakhs of rupees.

The staff consists of a European Principal and a Vice-Principal and over 30 Assistants, most of whom are Kshattriyas and resident.

Foundation scholarships, aggregating Rs. 3,960, are awarded annually on the combined results of the half-yearly and yearly examinations. One Edward Kshattriya scholarship each year to the value of Rs. 96, also Bhinga Raj scholarships aggregating Rs. 684, are now tenable only in this institution.

All masters and pupils before their appointment are required to make a declaration of loyalty to the British Government, and a promise to keep aloof from sedition, race hatred, rowdyism, and ribaldry. The aim and object of this institution as set forth by its founder is not only to stimulate English education amongst his community, but also to turn out God-fearing Kshattriyas, loyal to the King-Emperor, dutiful to their parents-and respectful towards their superiors.

INSTRUCTIVE STAFF.

1.	B. A. English, Esq., B.A., Principal.	English (N. D.) and Comp., XII and XI; Text and Unseen, XA.
2.	N. K. Ghosh, Esq., B.A., Headmaster.	Logic, XI; Eng. Text and Unseen, XB.
3.	Ganga Saran Bhargava, B.Sc., L.T.	Science, X and IX.
4.	Lautoo Singh, B.A., L.T. ...	History, XII to IX.
5.	Pudhsen Agarwala, M.A. ...	Economics, XII and XI; Mathematics, IXA and IXB.
6.	Tara Prasad Singh, M.A., LL.B.	Logic, XII; English detailed and Translation, XII and XI; English Text and Unseen, IX-B.

7.	Rajwant Singh, M.Sc., LL B....	Mathematics, X, XI and XII.
8.	Thakur Durga Singh, M.Sc., LL B.	Chemistry and Physics, XI and XII.
9.	Lalita Prasad Sinha, B.A., L.T.	English Grammar, Composition and Translation, IXB; English Text, Unseen, IXA; English R R, Composition, Translation, and Dictation, XB.
10.	Ram Pratap Singh, S.L.C., C.T.	Geography, XA, XB, IXA and IXB.
11.	Ram Palat Singh, M.A. ...	English Rapid Reader and Dictation, IXA; English Grammar, XA; Hindi, XA; XB and IXB.
12.	Ram Chandra Pathak, B.A. ...	English Rapid Reader, Translation and Composition and Dictation, XA; English Grammar, Composition and Translation, IXA.
13.	Jwala Prasad, B.A. ...	English Rapid Reader and Dictation, IXB and XB.
14.	Jagmohan Jha, Kavyatirtha and Entrance.	Sanskrit, XII, XI, IXA, IXB, XA and XB; Hindi, IXA.
15.	Bahadur Ali, B.A., LL.B. ...	Persian, XII and XI; Persian and Urdu, XA and XB.
16.	Syed Asghar Husain, Munshi Fazil and Mulla.	Persian and Urdu, IXA and IXB.

17. Bechan Singh, (Intermediate Grade Drawing Examination of Bombay Government and S.L.C. with Drawing). Drawing, X and IX (A and B).

ST. ANDREW'S COLLEGE, GORAKHPUR.

The Intermediate classes were opened in 1901 when recognition was granted in the usual subjects including Science. There were 29 students in the two classes in that year and they formed additional classes to the Mission High School. In the year 1905 the numbers had risen to 35 and recognition was granted in Physiology. During these early years the Rev. R. J. Kennedy was Principal.

About the year 1915 it was decided to open B.A. classes for which a new building was a necessity. It was made possible by a generous gift from a friend of the College and was opened during the principalship of Dr. Garfield Williams in 1916 by Sir James Meston, the then Lieutenant-Governor of the United Provinces. The Intermediate classes were moved into the new building, but the teaching of Science subjects was dropped. Since this date the numbers have steadily risen until to-day the numbers in these classes total 170.

Another step forward in the history of the College was made possible in 1925 by the liberal help from the local gentry. A new Science department was built and recognition was granted by the Intermediate Board in Chemistry, Physics and Biology. This department like the Arts department is well built, well equipped and well staffed.

The College is under the control of the Church Missionary Society. It endeavours to meet the needs of higher education in the Gorakhpur division. In examination results its record is remarkably good. It is well situated in a convenient site with play-ground close at hand, but its hostel accommodation is at present inadequate. It is hoped to make good this weakness as soon as possible.

INSTRUCTIVE STAFF.

1.	Rev. A. C. Pelly, M.A. (Cantab.), Principal.	English, XI.
2.	C. C. Chatterji, M.A., B.Sc. ...	English, XII.
3.	Johir-ud-din Khan, B.A., L.T., (M. A. Prev.),	English, XI and XII.
4.	V. Ll. Griffiths, B.A. (Oxon.)	English, XI and XII.
5.	N. N. Mundle, M.A.	History, XI and XII.
6.	R. N. Sanyal, M.A. ...	History, XI and XII.
7.	B. G. Nandi, B.A. ...	Logic Deductive and Inductive XII.
8.	A. Osmand, M.A ...	Logic Deductive, XI and General English, XII
9.	K. C. Chatterji, M. Sc. ...	Mathematics, XI and XII.
10.	L. M. Kar, M.A. ..	Sanskrit, XI and XII.
11.	Muhammad Asghar ...	Persian, XI and XII.
12.	J. W. Paul, M.Sc. ..	Chemistry, XI and XII.
13.	B. N. Ghose, M.Sc. .	Physics, XI and XII.
14.	M. O. Varkey. M.Sc. ...	Biology, XI and XII.
15.	Jokhu Lal Agarwala, B.Sc ...	Demonstrator, XI and XII.

LUCKNOW CHRISTIAN COLLEGE, LUCKNOW.

This institution was founded in the year 1866 in Inayat Bagh, and in the year 1877 the school was removed to Golaganj and a beautiful and strong brick building known as the Centennial High School was built.

The College was founded in 1888 by the late Rev. Dr. B. H. Badley, whose name the Science block bears. It gradually grew to be a first grade College affiliated to the B A. and B.Sc. standards of the Allahabad University.

The School of Commerce founded in 1892 has had Government patronage and has given instruction in commercial subjects, especially in Shorthand and Type-writing,

to scores of Government officials deputed by Government, as well as to hundreds of other young men now in business life. The College has the distinction of being the inventor of Urdu Shorthand.

With the establishment of the Lucknow University this College was made an Intermediate College in the year 1921. It has two other departments connected with it, the School of Commerce and the Centennial Middle School both in separate buildings.

There is an enrolment of 751 in all the departments of this institution during the current year. The Intermediate College has an enrolment of 498 this year, the largest enrolment being in the Science and Commercial Diploma classes.

There are two hostels connected with the College, one for Christian students called the Osman Caldwell Hostel with accommodation for 130 students, and the other the C. L. Bare Hostel (named after an ex-Principal of this College) with accommodation for 120 students.

The buildings are most commodious and their hygienic condition is all that could be wished. The Science Laboratories for Physics, Chemistry and Biology have been equipped at a cost of about Rs. 2,00,000.

There are six Americans and 24 Indians on the teaching staff. There are 11 M. A.'s, four M. Sc.'s, seven B.A.'s, three B.Sc.'s, one B. Com., one Commercial diploma-holder in addition to a highly-qualified Pandit, a Shastri and a well-qualified assistant Maulvi. Of these three are trained teachers.

There is a whole-time Physical Director, who is an American gentleman. The students play cricket, foot-ball, hockey, basket-ball, volley-ball and base-ball and tennis. Every student has to undergo an annual compulsory physical test.

There is satisfactory arrangement for the medical supervision of students. Two qualified doctors have been appointed by the institution for this purpose.

There are two Literary Unions or Debating Clubs in the College which meet every Saturday. There is also a Literary Union conducted by the inmates of the C. L. Bare Hostel under the supervision of the head of the department of English. Annual Oratorical Contests are held and prizes are awarded to the best speakers among the students. Mushairas are also held annually. This year the College has started classes in Elocution and in Music

There is a good library connected with the College which has nearly 4,500 volumes on almost all profitable subjects, and it is well organized. It is supplied with the leading English, American, and Indian newspapers and magazines.

The College not only tries to give intellectual training to its students, but it also endeavours to turn out loyal and law-abiding and useful citizens. Their moral and religious welfare is carefully looked after. The Christian students have their Students' Christian Association, Church Services and Young People's Society which they regularly attend. There are organizations like the Friends' Federation within the institution which encourage all students to take an active part in social and community service. The development of true character is recognized by the College as its supreme task.

The College has an "Old Boys' Association" and its members are beginning to take an active interest in the welfare of their Alma Mater.

The College is under the control of the Methodist Episcopal Church.

INSTRUCTIVE STAFF.

1. Rev. J. R. Chitamber, B.A. (Allahabad), M.A., D.D. (U.S.A.), Principal. — English.
2. R. C. Rankin, M.A. (U.S.A.), Vice-Principal. — Ancient History, XI and XII; Modern History, XII.

3.	Rev. S. L. Sheets, B.A., S.T.B. (U.S.A.).	English Text and Composition, XI and XII; Dictation, Oral, IX; Composition, Oral, X.
4.	Rev. M. C. Biswas, B.A., L.T. (U.A.).	English Text, Composition and Translation, IX and XI.
5.	Joyce Edwards, M.A. (Cal.), L.T. (U.A.).	English Text, Composition and Translation, XI and X.
6.	Rev. B. C. Harrington, M.A. (U.S.A.).	General English, IX.
7.	N. Joardar, M.A. (Cal.) B.Ed. (Patna), F.C.P. (London).	English Text, Composition and Translation XI and XII; Composition, IX.
8.	N C. Sircar, M.A. (Cal.) ...	Logic, XI and XII; English Text and Composition, XI.
9.	Syed Mohammad Husain, M.A., LL.B. (U. A.), Munshi Fazil, Maulvi Fazil and Mulla Fazil (Punjab).	Persian, XII to X.
10.	Syed Akbar Husain, Maulvi, Dabir-i-Kamil (Lucknow).	Urdu, IX and X; Persian, IX.
11.	Pandit R. P. Shastri, Shastri (P.U.), Shahityopadhaya (U.A.), Kavyatirtha (Patna).	Sanskrit and Hindi, IX to XII.
12.	H. H. Lyons, M.A. (Cal.) ...	Mod. History, XI.
13.	N. C. Chatterji, M.A. (U.A.)	History and Geography, IX and X.
14.	N. N. Bose, M.Sc. (U.A.) ...	Mathematics, X to XII.
15.	S. K. Mukerji, B.Sc. (U.A.)	Mathematics and Science, IX and X.
16.	E. R. Tweedie, M.Sc. (U.S.A.)	Chemistry, XI and XII.

17.	T. N. Das, B.Sc. (U.A.), F.C.S. (London).	Chemistry, XI and XII.
18.	Chas. M. Solomon, B.Sc. (Lucknow).	Chemistry Demonstration work, XI and XII.
19.	W. C. Thoburn, M.A., B.Sc. (U.S.A.)	Physics, XI and XII.
20	B. N. Kar, M.A., B.Sc. (U.A.), LL.B. (Lucknow).	Ditto.
21.	Syed Huzur-ul Hasan Zaidi, B.Sc. (Lucknow).	Physics Demonstration work, XI and XII.
22.	G. N. Bhakay, M.Sc. (U.A.) LL.B. (Lucknow.)	Botany, Zoology and Demonstration work, XI and XII.
23.	S. K. Zibbu, M.Sc. (P.U.) ...	Ditto.
24.	Mahadeo Prasad Nigam, M.Sc. (Lucknow), F.R.M.S. (London).	Ditto.
25.	E. M. Moffatt, M.A. (U.S.A.)	Commercial English and Commercial Correspondence, C. D.
26.	Desraj Loomba, M.A. (Punjab), F.R.E.S. (London.)	Commercial Dip. Economics, C. D.
27.	Mukand Lal Agarwala, B.COM. (Lucknow.)	Commercial Dip. Shorthand, Bookkeeping and Accountancy, C. D.
28.	Y. Shipstone, C.D. and Com. Trained.	Com. Dip. Typewriting, IX to XII.

SHIA INTERMEDIATE COLLEGE, LUCKNOW.

In 1914-15 Nawab Sir Fateh Ali Khan Qazilbash started a movement for opening a college for Shia boys and invited the co-operation of his co-religionists in India. A fund called the Shia College Fund amounting to rupees nine lakhs was raised under the leadership of the Nawab in

course of a few years. The Government also offered to contribute half the cost of secular instruction in the College when started.

In July, 1920, the Shia Intermediate College was opened with two intermediate classes and two years later the 9th and 10th classes of the Shia School, which were opened in 1919, were transferred to the Intermediate College. The College has thus four classes and prepares boys for the Intermediate and High School Examinations of the Board. There is also a Theological department which imparts instruction in Shia Theology. Attendance at Theology lectures is compulsory for Shia boys, but optional for others.

Without detriment to the main object of the College youths of other denominations are freely admitted to the College.

The supreme control, direction and management of the Shia Intermediate College and the Shia School are vested in a Board of Trustees. The executive administration and government of the Shia Intermediate College and its hostel, subject to the general control and supervision of the Board of Trustees, vest in a Managing Committee of twelve members.

INSTRUCTIVE STAFF.

1.	S. C. Sen, M.A. (Philosophy), B.A. Honours in Philosophy, Scholar of Jena and Göttingen (Germany), Principal.	Logic, XI and XII; English Text, XII.
2.	C. C. Sarkar, M.A. (Mathematics), Vice-Principal.	Mathematics, XII to X.
3.	Mirza Ashiq Husain, M.A. (English), L.T., LL.B.	English, XII, XI and IX.
4.	S. C. Bhadury, M.A. (History)	History, XII to X.
5.	Syed Mohammad Hasnain Zaidi, M.A. (Oxon) LL.B., Bar-at-Law.	Economics, XI; English, XI and XII; History, XI.

6.	Syed Bundey Hasan, B.A., L.T., LL.B.	English, X and IX.
7.	Syed Akbar Ali, B.A., L.T. ...	Geography and Mathematics, X and IX.
8.	M. Syed Sadiq Husain, Munshi Fazil, Maulvi Fazil and Mulla Fazil.	Arabic, XII—IX; Urdu, IX.
9.	Mohammad Ahmad (Bekhud), M.A. (Persian).	Persian, XII—IX; Urdu, X.
10.	M. Wajid Mirza, Final Examination of Arts, Lucknow, and Sir J. J. School of Arts, Bombay.	Drawing, X and IX.

KANYAKUBJ INTERMEDIATE COLLEGE, LUCKNOW.

It was in the year 1918 that the Kanyakubj community, at its conference under the Presidentship of Pandit Gokaran Nath Misra, M.A., resolved to open a Kanyakubj English school. The resolution was given effect to on 3rd July, 1918, when Raja Sahib Lieutenant Pandit Kali Charan Misra of Bareilly laid the foundation of the Kanyakubj school.

In July, 1920, permission was obtained for opening classes IX and X. The High School began its work in July, 1921. On the opening of class X in 1922 it was found desirable to raise it to the Intermediate standard, for which a request was made to the Director of Public Instruction.

On 5th April, 1923, the Director of Public Instruction sanctioned the raising of the High School to the Intermediate standard. Accordingly in July, 1923, XI class was opened and in July, 1924, XII class was added.

INSTRUCTIVE STAFF.

1.	*Rai Sahib Pandit Sukh Deo Tewari, B.A.	Principal.

* Retired Inspector of Schools

2.	K. S. Misra, B.A. (Hons.) Oxon, Senior Vice-Principal.	History (English and European), XI and XII.
3.	S. R. Tewari, M.A., L.T. (Specialist in Mathematics and Manual Training), Junior Vice-Principal.	Mathematics, X, XI, and XII.
4.	K. L. Shastri, M.A. (B.A. Hons., Shastri).	Sanskrit, IX to XII.
5.	N. C. Bhattacharji, M.A. ...	English, X and XI.
6.	V. D. Misra, M.A. (B.A. Hons.)	English, IX and XII.
7.	I. B. Saksena, M.A. ...	Economics, XI and XII.
8.	G. S. Dikshit, M.A., LL.B. ...	History (Indian), IX to XII.
9.	R. S Shukla, M.A. ...	Logic, XI and XII; Hindi, IX to XI.
10.	S. C. Banerji, B Sc., L.T. ...	Science, IX and X.
11.	R. B. Pandey, B.A., L.T. ...	Geography, IX and X.
12.	S. P. Mukerji, Drawing Teachers Certificate.	Drawing, IX and X
13.	Tika Ram Shastri ...	Sanskrit, IX.
14.	Khadim Husain, M.F., M.Q. .	Persian, IX to XII; Urdu, IX and X.

ST. GEORGE'S COLLEGE, MUSSOORIE.

Founded in 1853 on a site acquired by the Italian Capuchin Mission, surrounded by an extensive and well-wooded estate, the College was staffed by the Mission Fathers up to 1893, the last clerical Principal being the learned and esteemed Father Duggan, who handed over to the Irish Brothers of St. Patrick in January of that year.

The coming of the Brothers marks the beginning of a new era in the history of the College. Primarily intended

as it was for the higher education of the sons of better class Europeans in India, the College under the Principalship of Rev. Brother Stapleton took on the tone of the Home public schools and extended its curriculum to meet the highest demands of those who sought in India the benefits of a home education without the excessive expenditure and separation from their families that going home would entail.

At this time the College taught for the Provincial High, Middle and Primary Examinations, the Entrance Examinations of the various public departments, and of the Roorkee Engineering College. St. George's was also affiliated to the University of Allahabad.

Under the Principalship of Rev. Bro. Haverty, new buildings, including an entirely new wing, were erected, the north wing was raised and re-roofed and many structural changes were made to render the edifice more suitable for its purpose. Under Rev. Bro. Smyth, the present extensive playing flat—literally hewn out of the rock—was completed, and to his successor, Rev. Bro. Dineen, the College owes the hospital, an airy and comfortable building situated at a sufficient distance from the main block and staffed by a fully qualified medical attendant and a trained sister; as well as the commodious teachers' quarters for the lay staff. To the Rev. Bro. Commins, who succeeded Bro. Dineen, is largely due the present excellent tone in the matter of field sports of which the College is justly proud.

Quite recently, under Rev. Bro. Doyle, St. George's has taken rank as a Secondary College, entitled to teach up to the Intermediate Arts. Owing to his exertions, and at very considerable expense, two Science Halls have been built and recognition is sought to enable the College to teach Intermediate Science. The existing Intermediate Arts Class is flourishing. Graduates in Arts and Science on the staff are doing excellent work, and the successes

of the College in the Cambridge Locals entitle St. George's to the front rank among such institutions.

INSTRUCTIVE STAFF.

1.	Rev. Bro. L. T. Dineen ...	Principal.
2.	Rulia Ram Aul, M.A. ...	Mathematics, XI and XII.
3.	Rev. Bro. E. K. Phelean, R.U.I.	Ditto
4.	Rev. Bro. S. J. Darcy, R.U.I. ...	English, XI and XII.
5.	M. Hanrahan, B.A. (HONS.) ...	History, XI and XII.
6.	Rev. Bro. S. J. Commins, N.U.I.	French and Latin, XI and XII.
7.	J. N. Dey, M.Sc., L.T. ...	Physics and Chemistry.

ST. JOSEPH'S COLLEGE, NAINI TAL.

St. Joseph's College, Naini Tal, was founded in 1888 by the Capuchin Fathers. It was handed over to the Irish Christian Brothers in 1892. Its beginnings were small, whether with regard to buildings or numbers. New wings were added in 1900, 1910 and 1920 and minor improvements were made yearly. The numbers increased from 27 in 1893 to 302 in 1925. The College has well equipped laboratories and libraries. It has four good playgrounds and a swimming and rowing club.

INSTRUCTIVE STAFF.

1.	Rev. Bro. J. B. Culhane, Principal.	Mathematics.
2.	Rev. Bro. J. B. Connolly, Vice-Principal.	Mathematics, History and English.
3.	Rev. Bro. T. A. Murphy ...	English and History.
4.	Rev. Bro. E B. Mockler ...	Science.
5.	D. D. Joshi, B.Sc. ...	Ditto.

LA MARTINIERE COLLEGE, LUCKNOW.

The La Martinière College is the result of an order in the will of Major-General Claude Martin, H.E., I.C.S., a native of Lyons ; in France. who died in Lucknow in 1800 A.D. He leaves his house to be " A School or College for teaching young men the English Language and Christian religion. "

Owing to legal difficulties 40 years passed before his will was carried into effect, but in that year the High Court of Calcutta passed an order instituting the College. The College ran till 1857, when under Mr. Schilling 98 boys entered the Residency and played their part in that memorable siege. On being relieved the College went to Benares but returned to Lucknow in 1859.

From that date onward it has occupied a prominent place in European education in the north of India. Under the guidance of Mr. Sykes, who was here from 1880 to 1908, the College dominated the entrance to Roorkee and the work of the school was made subservient to this ideal.

When Mr. Sykes retired the College was reorganized along the lines suggested by Sir Harcourt Butler, the then Deputy Commissioner of Lucknow. The College was extended in 1912 and laboratories and numerous buildings for masters were added. Recognition as an Intermediate College was obtained in 1923.

The College, which is housed in the fine old building of Constantia, has an enrolment of 250, of whom 200 are in residence. The bulk of the boys aim at the School Certificate and the Intermediate class caters for a few only who care to go up for higher education.

With the funds provided by the Founder the College maintains a very strong staff of teachers, most of whom are trained and in addition provides for a roll of foundationers 100 strong. Election to the Foundation is made by the Governors, who include the Judicial Commissioner, the Commissioner, the General Commanding, the Deputy

Commissioner, and two co-opted members. The finances of the College are in the hands of Trustees, the present Trustees being the Hon'ble Sir S. P. O'Donnell, C.S.I., C.I.E., I.C.S. and E. Norton, Esq., I.C.S.

INSTRUCTIVE STAFF.

1.	W. E. Andrews, M.A. (Oxon), F.R.G.S., Principal.	European History, XII and XI; Empire History, X; Latin, X; Geography, XII.
2.	J. G. Taylor, B. Sc. (Glasgow)	Algebra and Trigonometry, X–XII; Science (Physics and Chemistry), XII and XI and Chemistry, IX and X.
3.	N. A. Holdoway, M.C., B.Sc. (London), F.R.G.S.	Geograpy, X—XII; Geometry, XI and XII; English, X.
4.	R. Dudt, M.A., L.T. (Lucknow)	Dynamics and Statics, XII and XI; Algebra and Trigonometry, IX.
5.	W. C. James, B.A., L.T. (Allahabad).	Indian History, XII and XI; English, IX, XI and XII; Geometry, IX and X.
6.	J. H. Clay, B.A., L.T. (Madras)	Latin, IX.
7.	G. P. Banerji, M.Sc. ...	Science (Physics), IX and X; Arithmetic, IX and X.
8.	T. De Gruyther, C.T. (Sanawar), A.C.P. (London).	Geography, IX and Drawing, X and IX.
9.	G. L. Cummings, B.A. (Allahabad), L.T.	Empire History, IX.
10.	Maulvi Abdul Majid ...	Urdu, X and IX.

BOYS' INTERMEDIATE COLLEGE, ALLAHABAD.

The College was founded in 1861 to advance the cause of Christian education in Allahabad, especially among the children of the European and Anglo-Indian population.

INSTRUCTIVE STAFF.

1.	D. Kerrin, M.A. (Aberdeen), Hons. in English and French, Certificated Teacher, Aberdeen · Provincial Centre, Principal.	English Text and Composition, XI and XII; History, XII to X; English, X and IX.
2.	C. A. Keelor, M.A. (Allahabad), Certificated Teacher, Sanawar.	Logic, XI and XII; Geography and Latin, IX and X.
3.	T. S. Upot, M.A. (Calcutta) ..	Science, X and IX.
4.	A. D. F. MacGowan, B.Sc. (Allahabad).	Dynamics, XI and XII; Geometry, and Arithmetic, X and IX; Algebra, XII—IX.
5.	S. G. Tewari, M.A. (Allahabad).	Geometry, XI and XII.
6.	Jang Bahadur, F.A. ...	Urdu, X and IX.
7.	*Vacant*	English and History.

CROSTHWAITE GIRLS' INTERMEDIATE COLLEGE, ALLAHABAD.

This institution was started in the year 1894, under the auspices of the Association for the Higher Education of Women in the United Provinces of Agra and Oudh—a body constituted at the suggestion of the late Sir Charles Crosthwaite, K.C.S.I., the then Lieutenant-Governor of the United Provinces. A primary school was first established in Lucknow and was given the name of the Crosthwaite School. The school could not prosper in Lucknow, and in 1898 was removed to Allahabad, where it was located for some time in muhalla Mahajani Tola. In 1908 the present

site, comprising about 40 bighas of land, was obtained for it. The school which was started only with the primary classes grew into a Vernacular Middle School. In the year 1910 it was converted into an English Middle School and in 1915 into a High School. The first group of students came out successfully in the Matriculation Examination of the Allahabad University in 1918. Classes for preparing candidates for the Intermediate Examination were opened in 1919 and the school developed into a second grade college with the result that the first group appeared at that examination in 1921. When the Board of High School and Intermediate Education was constituted the institution was recognized by that body and permitted to teach almost all the important subjects excepting science for both the Intermediate and High School Examinations. Besides these Intermediate classes, classes for the training of women teachers were also added in July, 1921.

A new hostel, "Lady Sunder Lal Hostel," was completed in the year 1920 at a cost of Rs. 80,000 and provides accommodation for Hindu, Muhammadan and Christian pupils, 96 in number. It has been recognized by the Allahabad University for the residence of the girls studying for the various University Examinations. The tuitional staff consists of a Lady Principal assisted by 17 other teachers of whom nine are graduates and nine under-graduates. The number of trained teachers in the staff is eight.

INSTRUCTIVE STAFF.

1.	Miss Sudhalata Duara, M.A., B.T., Lady Principal.	Sanskrit, XII and X.
2.	Miss S. Ittijerah, B.A. (Hons.)	History, XII to IX; Economics, XII and XI.
3.	Miss M. S. Rawani, B.A., B.T.	Mathematics, X; Geography, X and IX; Logic, XII and XI.
4.	Miss C. Tripathi, B.A. ...	Hindi, XII to X.

5.	Miss S. Duara, M.A., B.T.	...	Sanskrit, XI.
6.	Mrs. N. Sen Gupta, M.A.	...	English, XII, X and IX.
7.	Miss L. Dass, B.A.	...	Bengali, XII.

ISABELLA THOBURN COLLEGE, LUCKNOW.

The Isabella Thoburn College received its charter in 1886 and was affiliated to the Allahabad University. It grew out of the Lal Bagh School which had been opened in 1870 and was the natural outgrowth of an increasing demand for the education of women in the higher classes. The College continued its affiliation with the Allahabad University presenting candidates for the Intermediate Examination and for the B.A. The College and the School were administered in conjunction until the year 1919 when a separate Principal was provided for the School, and the College administration became wholly distinct. As the number increased the accommodation at Lal Bagh became insufficient, and in 1921 the new site was procured just outside the municipal limits of Lucknow and new buildings were erected. When the Lucknow University was organized, there being no women's department provided in the University scheme, Isabella Thoburn College was permitted to retain its B. A. classes and now serves the purpose of a women's college for the University. The old affiliation with the Allahabad University was discontinued from the time of the organization of the Lucknow University.

The College maintains the following departments :—

The Intermediate (classes XI and XII).

The University (B. A., B. Sc.).

The Training Department (E. T. C.).

The Education Department for the training of Graduates (Diploma in Teaching, Lucknow University).

The present total enrolment is 131.

The College compound is known as Chand Bagh. Nichols Hall contains class rooms, laboratories, library and offices.

There are two hostels, a common dining-room and a hospital, while the staff live in the same compound. Each hostel is in charge of two American teachers who act as wardens. The buildings are all airy and open, solidly constructed and are fire-proof. The College maintains its own water system and sewage system, but is lighted with electricity from the city supply.

The examination results have always been good, but this does not indicate that all efforts are concentrated on academic work. Various social and helpful activities are carried on both within and without the College by the students and teachers. The aim is to train young women for useful living and helpful service in and for India.

INSTRUCTIVE STAFF.

1.	Mary E. Shannon, M.A.	... Principal.
2.	Enola Eno, PH.D.	... Vice-Principal.
3.	Nora Roy, B.A.	... European and Indian History, XI and XII.
4.	Ivy Thomas ...	... Economics, XI and XII.
5.	Margaret Wallace, M.Sc.	... Chemistry, XI and XII.
6.	Sadie Johnson, B.A.	... English, XI and XII.
7.	Suniti Ghosh, B.Sc.	... Physics, XI and XII.
8.	L. Ghosh, M.A., L.T.	... Logic, XI and XII.
9.	E. Thiliayampalam, M.Sc.	... Biology, XI and XII.
10.	Sri Ram Srivastava, M.A., L.T.	Sanskrit, XI and XII.
11.	Baij Nath Figar	... Persian, XI and XII.
12.	Martha Curtis, M.Sc.	... Physiology, Hygiene, and Child-Study, XI and XII.
13.	Henrietta Inglis, M.A.	... Mathematics, XI and XII.
14.	Florence Salzer, B.A.	... Gymnasium and General Hygiene, XI and XII.

THEOSOPHICAL NATIONAL GIRLS' SCHOOL AND WOMEN'S COLLEGE, BENARES.

The Theosophical National Girls' School and College for women was established in 1913 by Dr. Annie Besant and Miss F. Arundale, with the idea of imparting to Indian girls an education which, while preserving all that is best and highest in the ancient ideal of womanhood, would endeavour to equip the Indian girls for the changed life of to-day. The institution, which for many years was carried on entirely by private effort, has now won recognition and support from Government, and is a recognized College preparing students for the examinations of the Board of High School and Intermediate Education; it also prepares candidates appearing privately for the B. A. Degree examination of the Benares Hindu University.

The School and College buildings are situated in the extensive grounds adjoining the premises of the Indian section of the Theosophical Society, thus securing the proper conditions for the effective carrying on of the work of the institution. There are large play-grounds, where the girls can play about in sufficient privacy and seclusion.

The staff consists of a number of Indian ladies drawn from the best families, who have devoted their lives to the service of their fellow-women. They bring to the work a spirit of consecration, and by living in close association with them the pupils will be able to imbibe the spirit of Hindu culture, which is so vital for the regeneration of India There is also on the staff a number of European ladies, who have come to India with the desire to help the country, who are in thorough sympathy with Indian culture and are gladly co-operating with the Principal in the work of lifting the womanhood of India to its proper position in the life of the nation.

Instructive Staff.

1. Mrs. B. Padma Bai S. Rao, B.A. (Allahabad), Principal. — Economics, XI; Indian History, XII.

2.	Miss H. Veale, B.A. (London), Vice-Principal.	English History, XII and XI; English Text and Essay, XII; Mathematics and English Grammar, X and IX.
3.	Miss A. Wagle, B.A. (Nat. Mad.).	English Text, IX.
4.	Miss Sunitidevi Kaira, B.A. (Nat. Mad.).	English Text, X; General English, XII; English History, X.
5.	Miss Vishalaksi Ammal, B.A.	English Text, XI and XII; Indian History X; Modern and English History, XI.
6.	Mrs. Kamal Kamini Devi, B.A.	Indian History, IX and Logic, XII.
7.	(Appointment not made) ...	Logic, XI and XII; Geography, X and IX; Gujrati, IX.
8.	Mr. T. A. Bhandarkar Acharya, Matriculate.	Sanskrit, IX to XII.
9.	Mr. R. Chandra Shukla, M.A. (Allahabad), L.T. (B. H. U.).	Economics, XII; Hindi, IX and X.
10.	Mrs. Biraj Lakshmi Devi, Intermediate (B. H. U.).	Bengali, IX and X.
11.	Mrs. Kamalabai Gharpurey	Marathi, IX and X.

GOVERNMENT INTERMEDIATE COLLEGE, MORADABAD.

The Government School, Moradabad, was established some seven years after the Mutiny.

It remained under Government control up to 1885, and afterwards it was made over to the District Board and it remained under the control of the Board up to June, 1910. From July, 1910, it again became a Government institution.

In July, 1922, its status was raised to that of an Intermediate College.

The Moradabad citizens and public made a contribution of about a lakh of rupees in cash and property. The cash was deposited with the Treasurer, Charitable Endowments, and the property under the control of the Collector.

The income of the Moradabad High School Endowment is Rs. 4,000 a year.

A hostel with accommodation for 105 boarders is attached to the institution.

INSTRUCTIVE STAFF.

1.	Kishan Chand, B.A., S.C. (Punjab), Principal.	English Grammar X to XII.
2.	Jitendra Nath Banerji, M.A., Vice-Principal.	English, XII; Logic, XII.
3.	Onkar Nath, M.A. (Allahabad)	History, XI, XII and X.
4.	Parmeshwar Dayal, M.Sc. (Allahabad), F.P.S. (London).	Physics, XI and XII; Science, X.
5.	Niranjan Lal Tayal, M.A. (Lucknow), B.Sc. (Allahabad).	Mathematics, XII and XI.
6.	Umed Ali, M.Sc. (Allahabad)	Chemistry, XII and XI; Science, X.
7.	Mohan Lal, B.A., C.T. (Allahabad).	English, X; Mathematics, IX.
8.	Nand Lal Mathur, B.A., C.T. (Allahabad).	Mathematics and Science, X.
9.	Gyan Chandra Mukerji, B.A., C.T. (Allahabad).	Mathematics, IX and X; Science, IX; English, X.
10.	Zahir Ahsan, B.A. (Allahabad), C.T.	Translation and Composition, XI; Urdu, IX.
11.	Mulchand Sharma, B.A., L.T. (Allahabad).	English and Mathematics, IX; Mathematics, X.
12.	Hari Mohan, B.A., L.T. (Allahabad).	Logic, XI; Geography, IX and X.

13.	Jawahar Lal Gupta, B.A., L.T. (Allahabad).	History, IX.
14.	Vishnu Das Chaturvedi, M.A., L.T.	English, XI ; History, IX.
15.	Nand Lal Mathur ...	Mathematics, IX.
16.	Riyasat Ali Khan, B.A., L.T. (Allahabad).	History, IX and X.
17.	Sri Ram Mathur, B.A., L.T. (Allahabad).	English, X.
18.	Tajendra Chandr Roy, B.Sc., L.T. (Allahabad).	Science, IX.
19.	Munawar Ali, Intermediate, C.T.	Urdu, IX.
20.	Bhagat Singh Khalsa, Highest Examination of Mayo School of Arts, Lahore.	Drawing, IX and X.
21.	Fida Husain Khan, Munshi Fazil, Maulvi Fazil and Matriculation (Punjab).	Arabic and Persian, XII and XI; Urdu, X.
22.	Mushtaq Ahmad, Munshi Fazil and Matriculation (Punjab).	Persian and Urdu, X and IX.
23.	Kesho Datta Shastri, Sahitayacharya (Benares), Matriculation (Punjab).	Sanskrit, IX to XII.
24.	Lalmani Sharma, Visharad (Punjab).	Hindi, IX and X.
25.	Gauri Shankar Misra ...	Hindi and Sanskrit, IX

GOVERNMENT INTERMEDIATE COLLEGE, ALLAHABAD.

The old Government High School was raised to the standard of an Intermediate College in 1922. Mr. O. J. Gardener, M.A., I.E.S., was the first Principal. Provision was made for the teaching of the following subjects in the Intermediate classes :—History, Logic, Sanskrit, Persian, Arabic, Mathematics, Physics and Chemistry. Biology was

introduced in 1923. As the proposed College building has not yet been constructed the Intermediate classes at present meet in the building which was meant for the junior classes of the old Government High School. There are two sections each in classes IX to XII with a total enrolment of 248 students.

INSTRUCTIVE STAFF.

1.	Rajeshwar Nath Kaul, M.A., L.T. (Allahabad), Principal.	History, XIA and XIIA.
2.	S. D. Malaviya, M.Sc. (Allahabad), Vice-Principal.	Chemistry, X, XIB, and XIIB.
3.	R. K. Wahal, M.Sc. (Allahabad).	Physics, X, XIB, and XIIB.
4.	M. H. Naqvi, M.A. (Allahabad).	History and Logic, XIA and XIIA.
5.	P. N. Bhattacharya, M.A. (Allahabad).	English Prose, XIA, XIB, XIIA and XIIB; General English, XIB and XIIB.
6.	M. P. Chatterji, M.Sc., L.T., (Allahabad).	Biology, XIB and XIIB.
7.	S. K. Mukerji, M.Sc., (Allahabad).	Mathematics, XI and XII; Physics (Practical), XIB and XIIB.
8.	G. C. Chaudhri, M.A., L.T. (Allahabad).	English Poetry, XIB; General English, XIIA; English, XA.
9.	P. Clement, M.A., L.T. (Allahabad).	English Poetry, XIA; General English XIA; Geography, IX and X.

10.	H. Drummond, B.A., L.T. (Allahabad).	History, IX and X.
11.	P. K. Bannerji, B.A., L.T., (Allahnbad).	English IXA.
12.	D. P. Mushran, B.A., L.T. (Allahabad).	English XA.
13.	Nisar Ahmad, B.A., L.T. (Allahabad).	English IXB; History, IX.
14.	S. B. Lal Verma, B.A., L.T. (Allahabad).	Mathematics, IXA and XA.
15.	K. N. Shukul, B.Sc., L.T. (Allahabad).	Science, IX; Chemistry Practical, XIB and XIIB.
16.	B. B. Saxena, B.A., L.T. (Allahabad).	Mathematics, IXB and XB.
17.	Hanuman Prasad Mathur, Matric., Holder of Roorkee College Diploma and Medal in Photo. Mechanics.	Drawing, IX and X.
18.	L. M. Chatterji, S.L.C. (Allahabad).	Manual Training, IX and X.
19.	Raj Kishan Kaul Shastri (Calcutta).	Sanskrit, XI and XII.
20.	Durga Dutt Sharma Four parts of Acharya, Sanskrit College, Benares.	Sanskrit, X; Hindi, IX.
21.	Krishna Nand, Madhyama Pariksha and three parts of Acharya.	Sanskrit, IX.
22.	Nand Prasad Shastri ...	Hindi, X.
23.	Muhammad Isa, Intermediate, C.T. (Allahabad).	Arabic, XA; Persian, XIIA.
24.	Jalal-ud-din Ahmad Jafri ...	Persian, XIA; Arabic, XIIA; Urdu, X.
25.	Abdul Hafiz, Mulla Fazil Examination.	Persian, X; Arabic, IX; Urdu, IX.

26. Sirajul Haq Siddiqi, High School (Allahabad), and Mulla, Fazil Examinations. — Arabic, X; Persian, IX.

GOVERNMENT INTERMEDIATE COLLEGE, ETAWAH.

The beginnings of the institution were laid as far back as 1856, when Mr. A. O. Hume, the then Collector, started a school in the old city. The outbreak of the Mutiny retarded its progress for a time; but after the storm was over the zeal and earnestness of the founder enlisted the sympathy of a large section of the local gentry and the school was soon in a flourishing condition. The Zilla School, under the name of the Hume High School, continued to exist with varying fortune, till with a change in the policy of Government the institution was turned into a Government High School. After about a decade the old building and the Library were acquired by the authorities of the Sanatan Dharam High School, and the Government High School was located in a new building, built according to the approved model near the railway station. The school was raised to the status of an Intermediate College in 1922, under the management and control of the Government.

The rates of fees, etc., are the same as in other Government Intermediate Colleges.

In addition to the scholarships granted by the Government there are a few local scholarships and prizes detailed as follows:—

1. *S. C. Pathak Scholarships.*

The income received from the endowment is expended in awarding annually two scholarships of the value of Rs. 4 per mensem each, and one of the value of Rs. 6 per mensem tenable for one year by students under 18 years of age of classes VIII to X, preference being given to those who are poor and *bonâ fide* residents of the town or the district.

2. *Hume Scholarships.*

The income derived from the endowment, invested by Mr. A. O. Hume, is spent on four scholarships of the value of Rs. 6 each. Two of the scholarships are awarded for proficiency in English and two for proficiency in Mathematics to scholars who are below 14 years of age.

3. *District Board Scholarships.*

There are four scholarships of the value of Rs. 2 each to be awarded to the most eligible boarders, who are the residents of the district.

4. *Tonk Prize.*

A sum of Rs. 40, the interest yielded by the endowment of the Nawab of Tonk, is divided between the two best students in Mathematics in classes IX and X.

5. *Demello Prize.*

A prize of Rs. 40 is awarded annually to the best student of class X.

There are three hostels attached to the College with accommodation for about 130 scholars. One of the hostels is reserved for a particular class of Rajputs, who live rent-free and enjoy other concessions as well.

INSTRUCTIVE STAFF.

1.	A. N. Ghosh, M.Sc. (Allahabad), Principal	Chemistry, XI.
2.	Vacant	Logic and History, XII; His. and English, XI.
3.	S. K. Ghosh, M.Sc. (Allahabad).	Physics, XII and XI; Science, X.
4.	J. P. Mukerji, M.Sc., L.T. (Allahabad).	Mathematics, XII and XI.
5.	B. H. Haqqi, M.A., L.T. (Allahabad).	General English, XII and XI; Logic, XI.

6.	A. K. Sanyal, M.Sc. (Allahabad).	Chemistry, XII; Science, X and IX.
7.	S. M. Jawad, Entrance and Munshi Fazil.	Persian, XII to IX.
8.	R. S. Misra, Acharya, 5 Khands, Benares; trained, Lucknow.	Sànskrit, XII to IX.
9.	Behari Das, M.A., C.T. (Allahabad).	History, XA and IXA; English and General English, IXB.
10.	L. N. Varma, B.A., C.T. (Allahabad).	English, XA.
11.	K. N. Joshie, B.A., L.T. (Allahabad).	English and General English, XB.
12.	C. B. Avasthi, B.A., L.T. (Allahabad).	English and General English, IX A; Geography, XB and IXB.
13.	L. N. Saksena, B.Sc., L.T. (Allahabad).	Mathematics, X.
14.	B. N. Tandon, M.Sc., L.T. (Allahabad).	Science, IX.
15.	J. L. Dalela, Intermediate, C.T.	Mathematics, IXA.
16.	N. D. Tripathi, Shastri (Punjab), Kavyathirta (Calcutta).	Hindi, XB and IXB Sanskrit; XI.
17.	Mata Din Tripathi, Madhyma Pariksha (Benares, Nadea, and Calcutta), 1 Year Acharya (Benares).	Hindi, XA and IXA.
18.	Muhammad Husain, Intermediate, Munshi Fazil, V.T. C.I., and High Proficiency in Urdu.	Urdu, X.
19.	Zawar Husain, Maulvi Alim, and Maulvi Fazil (Punjab), Mulla (Allahabad).	Persian and Urdu, IX.

20. Mahesh Chand ... Drawing, X.
21. R. P. Srivastava ... Drawing, IX.

GOVERNMENT INTERMEDIATE COLLEGE, JHANSI.

The College was opened in the year 1921 as a result of the recommendations of the Sadler Commission on the Calcutta University. It is situated on the Gwalior Road at a distance of a mile and-a-half from the heart of the city in an open place. The building consists of two big blocks with quadrangles in the middle. These blocks are joined to each other by the hall. One of these blocks was constructed for the junior classes III to VIII, while the other for classes IX to XII—the new type of Intermediate College. The two blocks have sufficient accommodation in them for opening double sections in all the classes. A little to the west of the College building is a workshop for the Manual Training Classes which unfortunately could not so far be started for want of funds.

The College has within its compound two hostels with quarters for the superintendents in each, one for the junior and the other for the senior students with a total accommodation of ninety boarders in both. There are extensive play-grounds although not yet properly laid out. The whole building was constructed at a cost of Rs. 5,05,000.

The College is wholly maintained by Government.

INSTRUCTIVE STAFF.

1.	Qazi Khurshed Ahmad, M.Sc. (Allahabad), Principal.	Mathematics, XII, XI and IXA.
2.	Chunni Lal Sahney, M.Sc. (Allahabad), Vice-Principal.	Physics, XII and XI.
3.	Mirza Abdul Hai Beg, M.A. (Allahabad).	English, XII and XI; English Text and Grammar, XB.
4.	Vithal Jai Krishna Kale, M.A., B.Sc., L.T. (Allahabad).	Mathematics, XII, XI and XA.

5.	Ramesh Chandra Banerji, M.Sc. (Allahabad).	Chemistry, XII and XI; Science, IX.
6.	Iftikhar Husain, M.A., LL.B. (Allahabad).	History, XII and XI English, Translation and Composition, XB and IXB.
7.	Abdul Baqa, B.A., L.T. (Allahabad).	Geography, X; English, Text and Grammar, IXB; English Translation and Composition, XA.
8.	Hari Pod Roy, B.A., L.T. (Allahabad).	Logic, XII and XI.
9.	Monindra Kumar Sanyal, B.A., L.T. (Allahabad).	English Text and Grammar, XA and IXA; History, IX and X.
10.	Shitla Charan Mukerji, B.A., L.T. (Allahabad).	Geography, IX.
11.	Har Narain Lal, B.Sc., L.T. (Allahabad).	Science, X and IX; Mathematics, IXB.
12.	Nihal Chand Mathur, B.A., L.T. (Allahabad).	Mathematics, XB; Science (Practical), XI.
13.	Ahsan Ullah Khan, M.A., L.T. (Allahabad).	English Dictation, IXA
14.	Ayodhia Prasad, B.A., C.T.	English Translation and Composition, IXA.
15.	Venkat Gopal Telang ...	Drawing, IX and X.
16.	Mirza Ali Ahmad ...	Persian, XI and XII.
17.	Shastri Bhave ...	Sanskrit, XI and XII.
18.	Abdul Latif Khan ...	Persian, X.
19.	Prem Vallabh Pant ...	Sanskrit and Hindi, X.
20.	Riaz Ali ...	Persian and Urdu, IX.
21.	Kedar Nath Tripathi ...	Sanskrit and Hindi, IX.

QUEEN'S INTERMEDIATE COLLEGE, BENARES.

The Queen's College, Benares, is now an Intermediate College affiliated to the Board of High School and Intermediate Education, United Provinces. But before 1922 it was a first grade College affiliated to the Allahabad University in Arts and Science. It is maintained by Government, and is under the control of the Education department. The tuition fees vary from Rs. 6-8 to Re. 1. Government scholarships are awarded according to the results of the Board's examinations. There are also local scholarships, amounting to about Rs. 100 per mensem.

INSTRUCTIVE STAFF.

1.	B. Sanjiva Rao, M.A. (Cantab.), I.E.S., Principal.	English Text, XIIA, XIA and XIB.
2.	Chandi Prasad, M.A. (Allahabad) Mathematics, B.Sc. (Allahabad), Vice-Principal.	Science-Physics, XI and XII.
3.	Prakash Chandra Mukerji, M.Sc. in Chemistry (Allahabad).	Science-Chemistry, XII and XI.
4.	Ali Ameer, B.A., 1st class, second; Gold Medalist of the Allahabad University, M.A. in English, LL.B. (Allahabad).	English Text and General English, XIIB; English Text, XIA (2nd section); Logic, XIIA.
5.	Beni Madho Singh, M.A. in Mathematics, 1st class (Benares), B.Sc. (Allahabad), Government Research Scholar 1920-22.	Mathematics, XI and XII; and General English, XIB.
6.	Panna Lal Loiwal, M.Sc. in Zoology (Allahabad).	Biology, XII and XI.
7.	Moti Lal Jaini, M.A. in Economics (Allahabad), C.T., Lucknow), stood first.	Economics, XI and XII and English Text, XA.

8.	Santimoy Banerji, M.A. in History (Allahabad) L.T. (Allahabad).	History and General English, XIIA; Logic, XIA and English Text, XA.
9.	M. M. Pandit Lakshman Shastri Tailang, Sahityacharya (Benares).	Sanskrit, XII to IX.
10.	Himayatul Hasan, B.A. (Allahabad), completed Oriental Studies at Lucknow.	Persian and Arabic, XI and XII; Arabic, IX.
11.	Gur Saran Lal Sinha, B.Sc. (Allahabad), L.T. (Allahabad).	Science Practical, XI and XII.
12.	Narain Das Banerji, B.Sc. and L.T. (Allahabad).	Mathematics, XA and XB and Science, X and IX.
13.	Mani Lal H. Vachhrajani, M.A. (Previous) in Sanskrit, B.A., L.T. (Allahabad).	English Text, IXB; Geography IX and X; Translation and Composition, IXB.
14.	Bindeshwari Lal, B.A., L.T. (Allahabad).	English Translation and Composition, XB; English Text, IXB and Mathematics, IXA and IXB.
15.	Chandra Bhushan Chatterji, M.A. in History and L.T. (Benares).	English Translation and Composition, XA and IXA; General English, XIA (second section) and History (Indian), IX
16.	Shiva Chandra Kapoor, M.A. and L.T. (Allahabad).	English History, IX; History, XI and X; English Translation and Composition, XIA (1st section).

17.	Ram Gati Lahiri, General Draftsman, Designer, Arts Teacher of Arts School, Calcutta.	Drawing, IX and X.
18.	Abu Hamid Abdul Majid Siddiqi, Mulla and Fazil Examinations (Allahabad), completed oriental studies (Ghazipur and Allahabad).	Persian and Urdu, IX and X.
19.	Hari Mangal Misra, M.A., C.T.	Hindi, IX, XI.

GOVERNMENT INTERMEDIATE COLLEGE, ALMORA.

The College was started in July, 1921, by adding Intermediate classes to the Government High School. A scheme for building an Intermediate College on a new site fell through for want of funds, and the College is still housed in the buildings of the Government High School. It is hoped that a new Junior school will be begun next year. The following subjects are taught :—

Mathematics, Physics, Chemistry, Sanskrit, Persian, Arabic, History, Logic, and Economics.

INSTRUCTIVE STAFF.

1.	Naipal Singh, B.A. (Oxon. and Allahabad), I.E.S., Officiating Principal.	Essay, XII ; History, XI ; English Rapid Reading, X, IXA, and IXB.
2.	Amba Dat Chaudhari, M.Sc. (Allahabad).	Chemistry, XII and XI ; Science, IX.
3.	Padma Dat Pant, M.Sc. (Allahabad).	Physics, XI and XII.
4.	Kunwar Krishna Sukhia, M.A., LL.B., L.T. (Allahabad).	English Text, XII to X ; English Translation, XII and XI ; English Unseen, XII and XI ; English Grammar, X.

5.	Ram Narayana Gupta, M.A. (Allahabad).	Economics, XII and XI; Essay, XI; English Translation, Composition and Text, IXA.
6.	Arun Prakash Banerji, M.A. (Allahabad and Calcutta).	History, XII and XI; English Unseen, IXB; English History, X, IXA, and IXB; English Dictation, X and IXB.
7.	Sham Bahadur Mathur, M.A. (Lucknow), B.Sc. (Allahabad).	Mathematics, XII and XI.
8.	Govind Ballabh Pande, M.A., L.T. (Allahabad).	Geography, X; Indian History, X; English Grammar, IXA and Logic, XI and XII.
9.	Lakshmi Dat Pant, B.A., L.T. (Allahabad).	English Translation, IXB.
10.	Harish Chandra Pant, B.Sc., L.T. (Allahabad).	Mathematics, IXA and IXB; Science, X.
11.	Lakshmi Dat Tiwari, M.A., L.T. (Allahabad).	English Translation, Composition and Unseen, X; English Text, IXB; English Grammar, IXB; Indian History, IXA and IXB.
12.	Manorath Pande, Jyotishacharya (Benares), Kavyatirtha (Calcutta), Matriculation.	Sanskrit, XII and XI; Hindi, X.
13.	Bhim Dat Misra, E. ...	Vernacular, IXA and IXB.
14.	Kirpal Dat Joshi, E.,C.T. ...	English Dictation, IXA; Hindi Composition, IXB.

15.	Ghananad Bhatt, Matriculation, C.T.	Drawing, X, IXA, and IXB.
16.	Gauri Dat Pant, Visharad	Sanskrit, X, IXA, and IXB.
17.	Muhammad Iftikhar, Fazil (Allahabad).	Persian, XII and XI; Urdu, X.

GOVERNMENT JUBILEE INTERMEDIATE COLLEGE, LUCKNOW.

This institution was started as an aided High School in 1887, on the occasion of the first Jubilee of the late Queen Victoria. It was taken over by Government on the 1st April, 1908, and in July, 1922, was raised to the status of an Intermediate College. The options taught in the High section are the three Indian classical languages, Science, Drawing, and Commerce, while in the Intermediate section the College is recognized in Mathematics, Chemistry, Physics, History, Logic, and the three Indian classical languages.

INSTRUCTIVE STAFF.

1.	Manohar Lal Zutshi, M.A. (Allahabad), C.T. (Lucknow), Principal.	English Poetry, XI and XII; English History, XII.
2.	Anil Nath Ghosh, M.Sc. (Allahabad), Vice-Principal.	Chemistry, XI and XII; Practical Science, IX.
3.	B. L. Agarwala, M.A., C.T., LL.B. (Allahabad), M.R.A.S., M.R.E.S., M.R.H.S.,	Modern History, XI; Indian and Ancient History, XII.
4.	Radha Krishna Wahal, M.Sc. (Allahabad).	Physics, XI and XII; General English, XII; Practical Science, X.

5.	Khwaja Athar Husain, M.A. in English (Allahabad), M.A., Previous, in Philosophy (Allahabad).	English Prose, XI and XII; General English, XI; Logic, XI and XII.
6.	Sachchidanand Mitra, M.Sc. (Allahabad).	Mathematics, IXA, XI, and XII.
7.	Beni Prasad, C.T., acting ...	English Text and General, IXA.
8.	Prabhat Kumar Mitra, B.A., L.T. (Allahabad).	Mathematics, XA; English Text, XA and B; General English, XA.
9.	Panchu Gopal Banerji, B.Sc., L.T. (Allahabad).	Mathematics, IXA and XB; Science, IX and X.
10.	Shanker Sahai, B.A., L.T. (Allahabad).	History, XA and B.
11.	Pandit H. K. Misra, B. COM. acting.	Geography, IX and X; General English, XB.
12.	Jhau Lal Sharma, B.A., L.T. (Allahabad).	English Text and General, Mathematics, and History, IXB.
13.	Jagmohan Narayan Choudhry, M.A., B.Sc., L.T. (Allahabad).	Practical Physics and Chemistry, XI and XII.
14.	Ahmad Husain, Mulla Examination (Allahabad), Maulvi Alim, and Munshi Fazil Examinations, Honours in Persian and additional examination in English (Punjab).	Persian, X to XII.

15.	Ram Datt Awasthi Shastri of the Punjab, Kavyatirtha, Calcutta, 1st and 2nd years Uttama, Benares. Upadhyaya in (1) Dharam Shashtra and (2) Sankhya Shashtra with English of Bihar and Orissa. Trained as Language Teacher at the Training College, Lucknow. Passed English Optional examination of Calcutta.	Sanskrit, XI and XII.
16.	Chandrika Prasad Awasthi, E., C.T., and V.T.C.	Hindi, IX and X.
17.	Fateh Bahadur, Matriculation and S.L.C. Passed Special Drawing Course, J. J. School of Arts, Bombay.	Drawing, IX and X.
18.	Mahabir Acharya, Acharya...	Sanskrit, IX and X.
19.	Jwala Prasad Sharma, C.D., C.T. Passed the P. W. D. II Grade Accountship Examination.	Commerce, IX and X.
20.	Akhtar Ali, Matriculation, Maulvi Fazil and Munshi Fazil.	Arabic, X; Persian, IX.
21.	Saqib Husain, Mulla Fazil	Urdu, IX and X.
22.	Shafi Ahmad, Mulla Fazil and Alim.	Arabic, XII.

GOVERNMENT INTERMEDIATE COLLEGE, FYZABAD.

This institution was founded by the Taluqdars of the district in 1860. It is now entirely maintained by Government and is under the control of the Director of Public Instruction, United Provinces.

Since July, 1921, it has been raised to the standard of an Intermediate College. There are two blocks of buildings: one for School classes comprising classes III to VIII and the other for College classes comprising classes IX to XII. There are two hostels attached to this institution under the supervision of resident teachers.

The following subjects are taught to the Intermediate classes:—1. Logic, 2. History, 3. Classical Languages (Arabic, Persian, and Sanskrit), 4. Mathematics, 5. Biology, 6. Physics, and 7. Chemistry.

There are a few local scholarships for students.

INSTRUCTIVE STAFF.

1.	D. D. Joshi, B.A., M.Sc., Principal.	
2.	Faiz Bakhsh, M.A., LL.B. (Allahabad), Vice-Principal.	Mathematics, XI and XII; Geometry, XB.
3.	Harish Chandra Misra, M.A. (Allahabad).	History, XI and XII; General English and Translation, XIA and B.
4.	Suraj Narain Kichlu, M.A., LL.B. (Allahabad).	English, XIA, XIIA, and B.
5.	Bhabesh Chandra Banerji, M Sc. (Allahabad).	Chemistry, XI and XII; Mathematics (Geometry), XA.
6	Shyama Charan Misra, M.Sc., L.T. (Allahabad).	Physics, XI and XII; Arithmetic, XB.
7.	Ehtisham Ali, M.Sc. (Allahabad).	Biology, XI and XII.
8.	Upendra Chandra Datta, M.A., L.T. (Benares).	Logic, XI and XII; English Text, XIB.
9.	Hafiz Abdullah, Fazil, Trained (Allahabad).	Persian, XII and XI.
10.	Jai Ram Awasthi, Shastri, Entr. (Punjab).	Sanskrit, XI and XII; Hindi, X.

11.	Mukut Bihari Lal, B.A., B.Sc., C.T. (Allahabad).	Mathematics, IXA; Geometry and Algebra, IXB; Arithmetic and Algebra, XA.
12.	Bisheshwar Dayal, B.A., C.T. (Allahabad).	English, XB.
13.	Panchanan Chatterji, B.A., L.T. (Allahabad).	History, IXB; History and Geography, XB.
14.	Shankar Dat Malaviya, B.A., L.T. (Allahabad).	History and Geography, XA; Geometry, IXA and B; English, IXA.
15.	Maharaj Bahadur, M.A., L.T. (Allahabad).	English, XA; History IXA; History (Tutorial), XIIA.
16.	Nath Prasad, B.A., L.T. (Allahabad).	English, IXB.
17.	Umapati Mukerji, B.Sc. (Calcutta), L.T. (Allahabad).	Science, IX and X; Algebra, XA; Physics Demonstration, XI and XII.
18.	Ram Chandra Singh Bhatia, B.Sc., L.T. (Allahabad).	Biology and Chemistry Demonstration, XI and XII.
19.	Gangadhar Vishnu Potdar, 1st and 2nd Examinations, School of Arts, Bombay.	Drawing, IX and X.
20.	Nolini Mohan Banerji, Arts and Crafts, Lucknow.	Biological Drawing, XI and XII.
21.	Abdul Ali, Fazil (Cawnpore)	Persian and Urdu, X.
22.	Faiyaz Ahmad, Mulla	Persian and Urdu, IX.
23.	Zahid Husain, Fazil (Allahabad) with English, Trained.	Arabic, XI and XII.

24. Jokhan Ram Misra, Acharya (I Khand) in Vyakaran (Benares). Sanskrit, IX.

25. Pateshwari Dat Sharma, Madhyama in Kavya and Vyakaran (Calcutta). Hindi, IX.

26. Mahadeo Sharma, Acharya (2 parts) in Sahitya (Benares). Sanskrit and Hindi, X.

SANATAN DHARM COLLEGE OF COMMERCE, CAWNPORE.

The foundation stone of the College was laid by His Excellency Sir Harcourt Butler on 1st March, 1920. The College opened on the 16th July, 1921.

The object of this institution is to provide higher commercial education, which will form a most valuable equipment for a commercial career. It aims at turning out young men, who will not only be thoroughly competent juniors and assistants in business houses but will be fully qualified for positions of trust and responsibility. The aim of the College is to keep the training imparted in the College in full harmony with the practical requirements of Commerce and Industry.

The College is associated with the Allahabad University for the M.A., B.A., and B. Com. Degrees. In addition to the M.A., B.A., and Bachelor of Commerce classes, Commercial Diploma classes under the Board of High School and Intermediate Education, United Provinces, are also maintained.

Building and maintenance funds have been raised by public subscriptions, the bulk of which has been contributed by the mercantile community of Cawnpore, both European and Indian.

A magnificent building has been erected for the College on the banks of the Ganges. The hostel building, which provides accommodation for 200 students, is nearing completion. A sum of Rs. 4,79,915 has already been

spent on the College building, hostel building, Principal's bungalow, Professors' quarters, and on lands. The Local Government has so far given a non-recurring building grant of Rs. 2,58,513, of which Rs. 2,48,847 have so far been drawn, and also gives a handsome annual maintenance grant.

Religious teaching on Sanatan Dharm lines is provided for Hindu students. The College is, however, open to students of every creed and race. The College is mainly residential.

The management of the institution is in the hands of a Managing Committee.

Tuition fee is Rs. 10 per mensem for M.A., Rs. 7-8-0 for B.A., Rs. 8 for B. Com. and Rs. 6 for Commercial Diploma classes.

A few scholarships are endowed and are available for the students of the College. Besides these Government scholarships for the Commercial Diploma Course, and some scholarships offered by the Municipal Board, Cawnpore, for Commerce students are also available at the College.

INSTRUCTIVE STAFF.

1.	S. P. Bhargava, M.A. (Economics), LL.B. (Allahabad), F S.S., F.R.E.S. (London).	Principal.
2.	B. N. Chopra, A.I S.A., F.R.E.S. (London).	Accountancy and Law.
3.	Kali Shanker Bhatnagar, M.A., in History, LL.B. (Allahabad), L.C.P. (London).	Economics and Geography.
4.	Prem Nath, D.Sc. (London), PH. D. (Vienna).	Economics.
5.	M. K. Chakravarti, M.A., B.L. (Calcutta).	English.
6.	Indra Mohan Kapur, B.A. (Hons.), (Punjab), B.Sc. (London).	Economics.

7.	K. L. Govil, B.COM. (Allahabad).	Business Methods.
8.	G. S. Sharma, B.COM., F.C.I., C.T.	Book-Keeping.
9.	Mohan Singh, M.A. ..	English.
10.	Krishna Kumar, B.COM. (Allahabad).	Shorthand.
11.	Jiwan Nath Dar, B.COM. (Allahabad).	Commercial Geography.
12.	Durga Prasad Mehrotra, B.COM. (Allahabad).	Commercial English and Economics.
13.	Bishambhar Nath Sharma, B.A. (Hons.).	English.
14.	Tilak Singh (Com. Diploma)	Typewriting.

AGRICULTURAL INSTITUTE, NAINI, ALLAHABAD.

The Agricultural Institute was founded in 1912, in the belief that the improvement of Indian agriculture is fundamental to all material and spiritual progress. In particular, the institute has emphasized the training of scientific agriculturists, rather than agricultural scientists It has striven to prepare its students to take their places as farmers, on their own land or for others, and as teachers, either in schools or in the agricultural services. Many have been successfully engaged in such work.

Following the purchase in 1912 of 275 acres, considerable progress has been made in improving the land and in erecting the necessary buildings. A gift has been received which is making possible the extension of the farm to 1,000 acres. On the farm the students actually carry on farming operations, while in the class rooms and scientific laboratories they learn the theory which governs the practice.

Students have come from all over India, from Kashmir to Assam; and even from Mesopotamia and the Fiji Islands. A number have been sent here by Indian States and others by several missions. Believing that students who complete the course satisfactorily should receive a diploma recognized by the Government, the Institute has brought to the

attention of the educational authorities the need for an agricultural course. In this it has now been successful.

In January, 1925, the Minister of Education approved the action of the Board of High School and Intermediate Education in instituting a diploma course in agriculture.

This course is of Intermediate College rank, on the analogy of the Diploma in Commerce, and is designed to prepare students for the Degree Course in agriculture, as well as to fit them to manage farms or to teach agriculture in lower schools. The Board of High School and Intermediate Education, United Provinces, has granted provisional recognition to the Allahabad Agricultural Institute to prepare students for the Agricultural Diploma Examination up to the examination of 1930.

The Dairy department has always played an important part in the Institute. It was thus particularly gratifying when the Institute was invited to teach to the newly-sanctioned Indian National Diploma in Dairying. This course prepares men to manage private dairies or to enter Government dairy service.

Because of the increasing demand for teachers of agriculture, and for teachers in rural schools adapted to the needs of the community, the Institute opened in July, 1923, the Rural Teachers' Training Course In connexion with this course, a rural community school has been opened, which affords an opportunity for the students in the training course to observe methods and to teach under supervision.

INSTRUCTIVE STAFF.

1.	Sam Higginbottom, M.A., D.Phil. (Princeton University), B.Sc. in Agriculture (Ohio State University), Principal.	Economics.
2.	W. Brewster Hayes, B.Sc. (Oregon State Agricultural College).	Horticulture.

3.	Mason Vaugh, B.Sc. (University of Missouri), Agricultural Engineer.	Agricultural Engineering.
4.	Kenneth W. Forman, B.Sc. (University of Toronto), Dairy Manager.	Dairy and Animal Husbandry.
5.	Ira A. Hatch, Farm Manager	Farm Crops.
6.	Adin P. Brooks, A.B. (Colorado College), M.Sc. (George Washington University), Chemist.	Chemistry and Physics.
7.	B. P. Mallu Chand, B.Sc. (University of the Punjab).	Agronomy.
8.	D. Halder, L.M.E. (Benares Hindu University).	Agricultural Engineering.
9.	P. N. Sud, I.D.D. (Allahabad).	Dairying.
10.	Tallmadge Bergen, B.Sc. (University of Minnesota).	Accounting Animal Husbandry.
11.	H. G. Kribs, PH.D. (Pennsylvania), Part-time instructor.	Zoology.

AGRICULTURAL COLLEGE, CAWNPORE.

In 1893 a small school was started near the present site of the Agricultural College with the object of training selected men as kanungoes under the department of Revenue, United Provinces. Agriculture then formed a very small part of the training imparted. In 1906 the school course of two years was elaborated to a three years' course and the school raised to the status of a college. From 1906 to 1913 the College Diploma was a qualification for entry into the Subordinate Agricultural Service of the United Provinces and the grade of supervisor kanungo in the revenue service. In the autumn of the latter year a school was re-opened for the training of kanungoes; and a

scheme for the reorganization of the College was promulgated. This reorganization came into force in October, 1914. Under this order the management of the College is vested in a governing body which deals with admissions, fees, grants of stipends, the curriculum of the College, holidays and such other matters of internal administration as may be put before it.

Three courses are now given. The first of these is one of two years' duration terminating in the Agricultural Diploma Examination of the Board of High School and Intermediate Education; the second a four years' course terminating in the College Diploma of Licentiate in Agriculture; and the third a two years' course in the Vernacular which is mainly practical in character.

The qualification for admission to the first two courses is the High School Certificate or a certificate of equivalent standing. For the Vernacular Course no special educational qualifications are demanded but candidates must be able to read and write the Vernacular fluently, preference being given to such as have reached the standard of the Vernacular Final or Middle standard in an English school.

INSTRUCTIVE STAFF.

1.	C. Maya Das, M.A., B.Sc. (Edin.), Principal.	Soils and Soil Physics, Introduction to Animal Husbandry and Farm Machinery, I.
2.	P. L. Garg, L.Ag. (Cawnpore), Post Graduate of Agricultural Research Institute, Pusa.	Farm and Implements, I and II.
3.	Sardar Surjan Singh, B.Sc. in Agriculture (Punjab), and L.Ag. (Lyallpur).	Farm Crops, I; Elementary Economics, Working of Implements and Cropping Systems, II.

4.	Kh. Nafees Hasan, L. Ag. (Cawnpore).	Survey and Levelling, III; Poultry Farming and Irrigation, II.
5.	M. Wasiullah Khan, L. Ag. (Cawnpore).	Drainage, Irrigation, and Climatology, I and II.
6.	Dr. Nanak Chand, G. P. V. C. (Punjab).	Veterinary, II.
7.	Sardar Hansraj Singh, Qualified Mechanic of the Engineering College, Roorkee.	Farm Machinery, I and II.
8.	R. N. Chatterjee, B. Ag. (Bombay).	Animal Husbandry and Dairying, II.
9.	K. V. Damle, B.A. (Bombay)	Botany, I and II.
10.	M. G. Phatak, L.Ag. (Bombay)	Ditto.
11.	V. N. Sane, B.Ag. (Bombay).	Horticulture, I and II
12.	D. S. Chowdhry, M.Sc. (Lucknow).	Zoology, I and II.
13.	G. R. Saksena, B.A. (Allahabad).	Chemistry, I and II.
14.	Tilak Ram Goel, L.Ag. (Cawnpore).	Ditto.
15.	S. N. Chatterji, M.Sc. (Allahabad).	Physics, I and II.
16.	Sri Pal Singh, B.Sc. (Allahabad).	Ditto.
17.	Khalil Ahmad, B.A., LL.B., (Allahabad).	English, I and II.

GOVERNMENT COLLEGE, AJMER.

In 1836 a Government School was started in Ajmer, but it received small encouragement. It was therefore closed for a number of years until 1851, when it was re-established on a sounder basis under the sanction of the Hon'ble the Court of Directors. From 1861 the institution was

affiliated to the Calcutta University, first preparing students for the F.A., and later on from 1868, when a larger staff and a more commodious building were provided, for the B. A. of that University. The College was affiliated to the University of Allahabad in the year 1888. Up to 1912 the High School and the College were accommodated in the same buildings; but in October of that year the College was separated, and equipment provided for the teaching of Science to the B.Sc. standard. The Intermediate classes now prepare for the examination of the Board of High School and Intermediate Education, United Provinces. The College is now in a flourishing condition and the number of students continues steadily to increase. The subjects taught are English, History, Economics, Logic, Persian, Sanskrit, Mathematics, Physics, and Chemistry.

The College is maintained by the Government of India.

The fees are the same as in the Colleges of the United Provinces.

Scholarships.—A sum of Rs. 1,220, derived partly from contributions and endowment, is annually distributed in scholarships, some tenable for two years, others for one year only.

Medals.—The Sir Elliot Colvin and the Col. Pinhey medals are awarded annually to graduates for superior excellence in work and games.

Attached to the College are comfortable boarding-houses and good play-grounds. Every student is required to join in games unless exempted on medical advice.

INSTRUCTIVE STAFF.

1. A. Miller, M.A. (St. Andrews), Principal. — English.
2. Hari Prasad, B.A. (Punjab), B.Sc. (Manchester), Vice-Principal. — Chemistry.

3.	Bishamber Prasad Mathur, B.A. (Honours), M.Sc. (Allahabad).	Mathematics.
4	Lalji Srivastava, M.Sc. (Allahabad).	Physics.
5.	K. S. Mankar, M.A. (Oxon.) ...	Economics and Logic, XI.
6.	Bhava Datt, Shastri, Honours in Sanskrit Language, Diploma (Punjab).	Sanskrit.
7.	Hamidullah Khan, Maulvi and Munshi Fazil, Honours in Arabic, Matriculate (Punjab).	Persian.
8.	Karam Ghani Khan, M.A., L.T. (Allahabad).	History and Logic, XII.
9.	Shiv Shanker Mathur, M.A. (Delhi).	English.
10.	Shri Narain Mathur, B.Sc. (Allahabad).	Chemistry.
11.	Raj Kishore, M.Sc. (Benares), L.T. (Allahabad).	Physics.

MAHARAJA'S INTERMEDIATE COLLEGE, JAIPUR.

Maharaja's College, which is perhaps the oldest institution in Rajputana, was founded in 1844, and in the beginning was affiliated to the University of Calcutta. In 1887 it was affiliated to the University of Allahabad. In pursuance of section 7(5) of the Allahabad University Act, 1921, the Jaipur Darbar separated the Intermediate classes from the Degree classes in the year 1923.

This is a free institution and no tuition fee is charged from the pupils. As many as 22 scholarships are awarded to the students, of which ten are merit scholarships of Rs. 8 per month and 12 are local scholarships of Rs. 5 per month which are awarded to poor students of the State.

The college comprises classes both in Arts and Science. There are attached to it a library, a laboratory, and gymnasium. The "Glancy" gold medal is also awarded to the boy who stands first in order of merit at the Intermediate Examination.

INSTRUCTIVE STAFF.

1.	Nalini Nath Roy, M.A. (Calcutta), E.E., Principal.	Chemistry, XI and XII.
2.	Govind Prasad Srivastava, B.A.	English Text Poetry, XI and XII; Essay, XIIA.
3.	Sultan Singh Jain, M.A. (Allahabad).	English Text Prose, XI and XII; Essay, XIIB.
4.	Hami-ud-din Khan, M.A. (Aligarh).	Essay and Ancient History, XI; Modern History, XI and XII.
5.	Pyare Lal Mathur, B.Sc., M.A. (Allahabad).	Physics and Mathematics, XI and XII.
6.	Vacant	Logic and Economics, XII and XI
7.	Saiyid Altaf Husain, Munshi Fazil (Persian), Maulvi Alim (Arabic).	Persian, XI and XII.
8.	Mathura Nath, Shastri ...	Sanskrit, XI and XII.
9.	Madho Lal, B.Sc., Demonstrator.	Physics and Chemistry (Practical), XI and XII.
10.	Bipin Behari Gupta, M.Sc. in Botany and Zoology (Allahabad).	Biology, XI.

MAHARANA'S INTERMEDIATE COLLEGE, UDAIPUR

Inspected 9th January, 1924.

Recognised in Arts and Science, 1922.

This College (raised to the Intermediate standard in 1922), maintained entirely by the Darbar, is a free institution, no fees of any kind being charged from the pupils. It now comprises classes IX to XII. Attached to it are a laboratory, a reading room and a library. Some stipends are annually awarded to poor students.

INSTRUCTIVE STAFF.

1.	Kanhaiya Lal Verma, M.A. (Allahabad), English, Principal.	English, XII and XI; English General, XII.
2	Satish Chandra Bose, M.Sc. (Calcutta), Mathematics, Vice-Principal.	Mathematics, XII to X.
3.	Tajikhan Qurban Husain, M.A. (Punjab), Applied Mathematics.	Physics, XII to IX.
4.	Ram Charan Gupta, M.Sc. (Lucknow), Chemistry.	Chemistry XII to IX.
5.	Hari Pado Banerji, M.A., L.T. (Allahabad), History (on leave), Himmat Singh, M.A. officiating.	History, XII to X; English Text, X.
6.	Rajendra Nath Roy, M.A. (Allahabad), Philosophy.	Logic, XII and XI; English General, XI; English Text, X and IX.
7.	Shambhu Dyal Jagdhari, M.A. (Lucknow), English.	General English, XII and XI; English Text and English General, X.
8.	Shanker Sahai Saxena, B. com. (Allahabad).	Geography X and IX; Hindi, X and IX
9.	Dhurva Singh, M.A. (Allahabad), Economics.	Economics, XI; History, X and IX.

10.	Imam-ud-din Rizvi, B.A. (Allahabad).	English General, X and IX; English, Text and Urdu, IX.
11.	Ram Sundar Shastri, Acharya (Benares), Shastri (Punjab).	Sanskrit, XII to IX; Hindi, X.
12.	Syed Nazim-ud-din, B.A., LL.B. (Allahabad), Persian and Economics.	Persian, XII to IX; Urdu, X.
13.	Ram Chandra Sanadhya, B.Sc. (Allahabad), Demonstrator.	Practical Science, XII to IX.
14.	Pyare Lal Sharma ...	Drawing, X and IX.

JASWANT COLLEGE, JODHPUR.

The College was founded in 1893. It is maintained entirely by the Jodhpur Darbar.

Ten scholarships of Rs. 90 each, tenable for two years, are awarded annually to fresh students joining the College.

An up-to-date laboratory and a well-furnished library are attached to the College.

Games are compulsory for all students. The College provides Football, Cricket, Volley ball, and Tennis grounds and materials. Cadet Corps and Rover Scout troops were started last year.

Besides the usual system of lectures, tutorial classes have been started this year. Every student receives individual attention from his teachers in all the subjects he takes up. The staff has on this account been increased.

INSTRUCTIVE STAFF.

1.	A. P. Cox, M.A., I.E.S. ...	Principal.
2.	P. P. Shahani, M.A. (Bombay), Vice-Principal.	Logic, XI and XII.
3.	Kanhaiya Lal Mathur, M.A., B.Sc. (Allahabad).	Mathematics, XI and XII.
4.	S. B. Tatke, M.A. (Allahabad)	Sanskrit, XI and XII.
5.	W. V. Wadhwani, M.A. (Bombay).	Economics, XI and XII.

6.	Shri Nath Das Arora, M.Sc., L.T. (Allahabad).	Chemistry, XI and XII.
7.	R. K. Tripathi, M.A. (Allahabad).	English, XII.
8.	Mirza Ashiq Husain, M.A. (Lucknow), L.T. (Allahabad).	English, XI.
9.	B. L. Nag, M.Sc., (Allahabad)	Physics, XI and XII.
10.	H. N. Seth, M.A., (Allahabad)	Mathematics, XI and XII.
11.	Abdul Baki Abassi, Munshi Fazil.	Persian, XI and XII.

HERBERT INTERMEDIATE COLLEGE, KOTAH.

This institution dates back to the year 1874 when it was called the Maharao's High School and was housed in a large but ill-ventilated building in the thickest part of the city. In 1894 another institution called the Nobles' School, open only to the nobility of the State, came into existence, and the two institutions ran parallel till June, 1909, when the whole system of Secondary Education in the State was overhauled and the Nobles' School was amalgamated with its sister institution and christened 'the Herbert High School' in memory of the late Lieut-Colonel Charles Herbert, C.S.I., Political Agent, Kotah, and Jhalawar States (1893—96). In 1912 it was shifted to the present commodious building outside the city erected at a cost of about three lakhs of rupees. In 1924 it was raised to an Intermediate College and provisionally recognised by the Board of High School and Intermediate Education, United Provinces, for three years in English, Mathematics, Modern History, Economics, Persian, Sanskrit, Physics, and Chemistry. First year class was opened in July, 1924, and second year in July, 1925.

The College has a very decent library, arranged on the 'Dewey's Decimal System,' and good play-grounds for hockey, football, volley ball, cricket, tennis, and basket-ball. Games are compulsory for all students and are

organized and developed on the lines of Inter-class Tournaments in hockey, football and volley ball, a silver challenge cup being held by the winning team in hockey and volley ball, and a silver challenge shield in football. Two silver medals, called Palaita medals, are awarded every year to the best athletes, one from the Middle department and the other from the High School and College classes.

The Physics and Chemistry laboratories are housed in a separate part of the building and have been equipped with all the necessary up-to-date apparatus and appliances at a cost of Rs. 16,000. There are separate lecture and practical rooms for both subjects and a separate gas installation for the supply of gas to the laboratories.

A sum of Rs. 50 per mensem is earmarked for scholarships, a part of which is distributed every year at the discretion of the Principal, to poor and deserving students as stipends. A sum of Rs. 120 is set apart for prizes to be given away every year to students on the results of the annual examination in important subjects.

The institution is maintained by the State and no tuition fee is charged.

Two boarding-houses, both lying in the city, are attached to the institution and provide accommodation for about 100 students. One of them called the Nobles' Boarding House is meant exclusively for the sons of nobles and jagirdars and boarders are given food, clothing, books, stationery, in fact everything free by the State. The other called the Self-Supporting Boarding-House is meant for the children of the general public who have to pay for their board and lodging, the State providing only accommodation, furniture, and servants. A new hostel opposite the College building is under construction and will be completed by the end of May, 1926. It will accommodate 60 boarders.

INSTRUCTIVE STAFF.

1.	Daya Krishna, M.A., LL.B. (Punjab), Principal.	English Text, XI and XII.

2.	Fateh Shankar Dube, M.A., B.Sc. (Allahabad).	Mathematics, XII to X.
3.	Ram Chandra, M.A. (Punjab), L. T. (Benares).	English Grammar, Composition, and Translation, XI and XII; English, X.
4.	Bhagwan Dass Batta, M.Sc. (Punjab), F.C.S. (London).	Chemistry, XII to IX.
5.	Shrikrishna Hari Ekbote, M.Sc. (Allahabad).	Physics, XII to IX.
6.	Ram Gopal Gupta, M.A. (Allahabad), L.T. (Benares).	History, XII to X.
7.	Girdhari Lal Khullar, M.A. (Allahabad).	Economics, XI and XII; History, IXA and IXB.
8.	Krishna Datta, B.A. (Punjab), L.T. (Allahabad).	Mathematics, IXA and IXB.
9.	Hari Narain, B.A., (Allahabad)	English, IXA and IXB.
10.	Lakshmi Datta Shastri (Punjab).	Hindi, IX and X.
11.	Muhammad Ali, Munshi Fazil, Matriculate (Punjab).	Persian, IX to XII.
12.	Jwala Prasad, Kavyatirtha (Calcutta), Honours in Hindi and F.A. in English (Punjab), Shastri (Arrah).	Sanskrit, XII to IX; Hindi, X.
13.	Muhammad Ibrahim, Munshi Fazil (Punjab).	Urdu, IX and X.
14.	N. G. Nabar. 1st, 2nd, and 3rd grade Drawing passed (School of Arts, Bombay).	Drawing, IX and X.

VICTORIA COLLEGE, LASHKAR (GWALIOR).

This institution is entirely maintained by the Gwalior Darbar, and is under the control and supervision of the Inspector-General of Education, Gwalior State.

The College building is a magnificent edifice of Indo-Saracenic style, situated in an open space outside the town, and has attached to it a gymnasium, a library, and well-equipped laboratory with a workshop and gas insallation.

The scale of tuition fee for outsiders is Rs. 3 per mensem for the Intermediate classes. Natives of the State pay half the fee. An additional fee of one rupee a month is also charged from all students.

At a little distance from the College there is a boarding-house under the supervision of a resident superintendent.

INSTRUCTIVE STAFF.

1.	H. M. Bull, M.A. (C.). Principal.	Ancient History, XI and XII.
2.	H. F. Manley, M.A. (Cantab.), Honours in Philosophy and Economics, Certificated Teacher, Higher Education, University of Cambridge Vice-Principal.	...
3.	Hira Lal Chatterjee, M.A. (Allahabad).	English, XI and XII.
4.	V. K. Tatke, M.A. (Allahabad)	English, XI and XII.
5.	B. L. Vajpayee Bhimpure, M.A., LL.B.	Economics, XI and XII.
6.	Asok Nath Roy Chaudhari, M.A. (Calcutta).	History (Modern), XI and XII.
7.	Badri Narayan, M.A., LL.B. (Allahabad).	History (Modern), XI and XII; Hindi XI.
8.	G. R. Deo, M.A. (Allahabad).	Mathematics, XI and XII.

9.	B. R. Bokil, M.A. (Allahabad).	Logic, XI and XII.
10.	Somnath Shastri Vadikar ...	Sanskrit, XI and XII.
11.	M. A. Saquib	Persian, XI and XII.
12.	Vidya Bhushan Saxena, M.Sc. (Allahabad).	Biology, XI.
13.	Kanhaya Lal Saxena, M.Sc (Allahabad).	Biology, XI.
14.	B. S. Bhagwat, B.Sc. (Allahabad).	Physics, XI and XII.
15.	S. G. Gokhlay, B.Sc. (Allahabad).	Physics, XI and XII.
16.	G. N. Manke, B.A. (Allahabad).	Chemistry, XI and XII.
17.	Ram Pershad, M.Sc. (Allahabad).	Chemistry, XI and XII.

INDORE CHRISTIAN COLLEGE, INDORE.

This institution, which is maintained by the United Church of Canada, was opened as a High School in 1884. In 1888 it was affiliated to the Calcutta University as a College. Coming in 1904 under the jurisdiction of the University of Allahabad, it was recognized by the latter as one of its affiliated Colleges, until its Intermediate department was brought under the Board.

The buildings and grounds are within the limits of the Indore Residency area. Four members of the staff reside on the premises.

There is hostel accommodation for about 125 students. These make their own messing arrangements, the College providing kitchens, utensils, etc., if desired.

The library is well-equipped, and affords opportunity for extensive reading. The reading-room is furnished with English and Vernacular papers and magazines. There are also recreation rooms for in-door games.

The students' organizations comprise an Economic Club, an Anthropological Society, Dramatic Club, Debating Society, and the usual Athletic Associations.

A number of freeships and exemptions are open to students of Central India.

INSTRUCTIVE STAFF.

1.	Rev. Dr. R. A. King, M.A. D.D., Principal.	Logic and European History, XI and XII.
2.	C. P. Shastri, M.A. ...	Sanskrit, XI and XII.
3.	P. N. Bhattacharya, M.A. ...	Mathematics, XI and XII.
4.	B. B. Singh, B.A. ...	English, XI and XII.
5	Thos. Matthews... ...	Indian History, XI and XII.
6.	N. C. Chatterjee, M.A., L.T. ...	English, XI and XII.
7.	R. N. Langer, B.A. ...	Economics, XI and XII.
8.	C. P. Brahmo, M.A. ...	English and Logic, XI and XII.

HOLKAR COLLEGE, INDORE.

This College was founded in 1891 by His Highness the Maharaja Sivaji Rao Holkar, G.C.S.I., and is maintained by the Government of His Highness the Maharaja Holkar.

The monthly tuition fee is Rs. 3 for Intermediate students. There are many free-studentships and a sum of Rs. 20 per mensem is distributed in competitive scholarships and about Rs. 45 annually in prizes.

The fine College buildings are situated in an open space outside the immediate precincts of the city of Indore and comprise a handsome main structure containing a physics laboratory, a library, a reading room, and lecture rooms flanked on either side by boarding houses for upwards of 60 students, a gymnasium and a separate block for Chemistry, Laboratory, and Science lecture rooms.

INSTRUCTIVE STAFF.

1.	Praphullachandra Basu, PH. D. (Calcutta), Economics, M.A. (Calcutta), History and Economics, B.L., Principal.	Economics, XI and XII.
2.	Charles A. Dobson, B.A. (Allahabad), trained by the Jesuit Fathers of Calcutta, Vice-Principal.	English Text, XII.
3.	I. J. Cornelius, M.A. (Allahabad), Mathematics.	Mathematics, XI.
4.	Syed Saghir Ali, M.A. (Allahabad), Persian-Arabic.	Persian and Urdu Translation, XI and XII.
5.	V. B. Shrikhande, M.A. (Bombay), Philosophy, Dakshina Fellow and Padhya Prizeman, Deccan College, Poona, LL.B. (Bombay).	Logic, XI and XII.
6.	N. Padmanabha Shastri, M.A. (Madras), Physics.	Physics, XI and XII.
7.	S. S. Deshapande, M.Sc. (Allahabad), PH. D. (London), Chemistry, Associate of the Institute of Chemistry, Associate of the Royal College of Science.	Chemistry, XI and XII.
8.	Sailendra Nath Dhar, M.A. (Calcutta), History, 1st class, second, Medalist and Prizeman.	History, XI and XII.
9.	Pandit Shriniwas Chaturvedi, M.A. (Allahabad), Sanskrit.	Sanskrit and Hindi Translation, XI and XII.

10.	W. G. Urdhwareshe, M.A. (Allahabad), Sanskrit, M.R.A.S., Kavyatirtha (Calcutta).	Sanskrit and Marathi Translation, XI and XII.
1.	V. G. Gole, M.A. (Allahabad), Mathematics, B. Sc. (Allahabad), English, Mathematics, Physics, and Chemistry, LL.B. (Allahabad).	Mathematics, XI and XII.
12.	H. Ghosh, M.A. (Calcutta), English 1st class second.	English, XI and XII.
13.	L. C. Dhariwal, M.A. (Allahabad), Economics 2nd class.	Economics, XI and XII.
14.	D. M. Borgaonkar, M.A. (Allah-(abad, English 2nd class, U. P. Government, Research Scholar.	English, XI and XII.
15.	Vacant, Assistant Professor of Economics and Logic.	Economics and Logic, XI and XII.
16.	Vacant, (M.Sc. Demonstrator in Physics).	Physics Practical.
17.	Vacant, (M.Sc. Demonstrator in Chemistry).	Chemistry Practical.
18.	K. P. Rassay, B.Sc. (Allahabad), English, Mathematics, Physics, and Chemistry.	Chemistry Practical, XI and XII.
19.	W. G. Tare, B.Sc. (Allahabad), English, Mathematics, Physics, and Chemistry.	Ditto.
20.	Y. R. Shintre, B.Sc. (Allahabad), English, Mathematics, Physics, and Chemistry.	Physics Practical, XI and XII.

APPENDIX E.

Minimum qualifications of Teachers in recognized High Schools and Intermediate Colleges.

1.	Principal of Intermediate College.	A graduate with experience of teaching in High School and Intermediate or higher classes amounting in all to not less than five years.
2.	Headmaster of High School.	B.A., L.T., or M.A., M.Sc. (experience is essential).
3.	(*a*) Assistant Master teaching classes XI and XII in English, Logic, History, Mathematics, Physics, Chemistry or Economics.	M.A. or M.Sc., preferably also L.T.
	(*b*) Assistant Master teaching Biology to Intermediate classes.	M.Sc. in Zoology or Botany.
	(*c*) Assistant Master teaching Civics to Intermediate classes.	M.A. in Civics or History.
4.	Demonstrator for Intermediate classes in Science.	B.Sc., preferably also L.T.
5.	Sanskrit Teacher for classes XI and XII.	(*a*) Acharya of the Benares Sanskrit College, or (*b*) Acharya or Shastri of the Benares Hindu University or (*c*) M.A. in Sanskrit or (*d*) Shastri, B.A. of the Punjab, with a sufficient knowledge of English (in each case).

6.	Persian and Arabic Teacher for classes XI and XII.	(*a*) Fazil of Allahabad or (*b*) Maulvi Fazil or Munshi Fazil of the Punjab or (*c*) Fazil (in Arabic) of Lucknow University *or* (*d*) Dabir-i-Kamil (in Persian) of Lucknow University, or (*e*) M.A in Persian or Arabic, with a sufficient knowledge of English (in each case).
7.	Urdu Teacher for classes XI and XII.	M.A. in Urdu.
8.	Headmaster of a Middle School.	B. A. or B. Sc. preferably trained or experienced.
9.	Assistant Masters in High Sections.	B. A. or B. Sc. preferably trained or experienced.
10.	Assistant Masters in Middle and Primary Sections.	Intermediate certificate or S.L.C., C.T.
11	Science Masters in High or Middle Schools.	B.Sc., preferably trained.
12.	Drawing Masters ...	(*a*) Teachers' Senior Certificate Examination, Mayo School of Arts, Lahore, or (*b*) Third Grade Arts School Examination, Bombay, or (*c*) Final Drawing Teachership Examination, Calcutta.
13.	Head Pandit or second Pandit in a High or Middle School.	(*a*) Complete Madhyama of Benares or (*b*) Madhyama of the Benares Hindu University or (*c*) Shastri of the Punjab.

14.	Head Maulvi or Second Maulvi in a High or Middle School.	(*a*) Maulvi, or Alim or Fazil of Allahabad or (*b*) Fazil (in Arabic) of the Lucknow University, or (*c*) Dabir-i-Kamil (in Persian) of the Lucknow University.
15.	Vernacular Teacher ...	Vernacular Teachers' Certificate with either the Munshi qualification of Allahabad for Urdu or the Prathama Pariksha of the Benares Sanskrit College for Hindi.
16.	Commerce Teacher for High School classes.	Commercial Diploma of the Board of High School and Intermediate Education, United Provinces.
17.	Commerce Teachers for the Commercial Diploma classes.	M.A., B. Com., or C.D. (for Shorthand and Typewriting).
18.	Teacher of Agriculture for classes IX and X.	Intermediate Diploma or Higher Agricultural Degree.
19.	Teachers for the Agricultural Diploma classes.	(*a*) Licentiate of Agriculture, or (*b*) Bachelor of Agriculture, or (*c*) B.Sc. in Agriculture, or (*d*) Higher degree in Agriculture of any recognised College.

N.B.--No minimum qualifications are for the present prescribed for the following subjects recognized for the Intermediate Examination. The qualifications of teachers in these subjects will be considered as individual cases of institutions applying for recognition arise:—

(1) Physiology, Hygiene, and Child-Study (for girls only);

(2) Hindi;

(3) Drawing; and

(4) Geography.

APPENDIX F.

Recognition of the Board's examinations by the Indian and foreign Universities for purposes of admission to the Universities.

Names of examinations.	Name of the University recognizing the examinations.	Authority.
Intermediate and Commercial Diploma Examinations.	Allahabad University ..	Section 37(1) of the Allahabad University Act, 1921.
Ditto ..	Lucknow University ..	Registrar's letter no. 4105/18/15, dated 25th September, 1924.
High School, Intermediate and Commercial Diploma Examinations.	Calcutta University ..	Registrar's letter no. Misc. 3069/XXB, dated 29th September, 1924.
Ditto ..	Punjab University ..	Registrar's letter no. 5977, dated 10th December, 1924.
High School and Intermediate Examinations.	Nagpur University ..	Registrar's letter no. 1857, dated 9th September, 1924, and Ordinance 4 (*a*), note (5) (*a*), Chapter VII of the Nagpur University calendar for 1924-25.
Ditto ..	Rangoon University ..	Registrar's letter no. 1945/43 .., dated 15th September, 1924.
Ditto ..	Benares Hindu University.	Registrar's letter no. 2516/IVD-11, dated 22nd December, 1924.
Ditto ..	Bombay University ..	Registrar's letters no. 3936, dated 6th July, 1925 and 8685, dated 15th December 1925.
Ditto ..	Aligarh Muslim University.	Registrar's letter no. 19571O, dated 31st March, 1926.
Intermediate Examination ..	Delhi University ..	Registrar's letter no. 4631, dated 30th January, 1925
Ditto ..	Dacca University ..	Registrar's letter no. 19572, dated 23rd April, 1925.
Ditto ..	Cambridge University ..	Registrar's letter no. H.17928, dated 13th July, 1926.

APPENDIX G.

List of candidates who have passed the Intermediate Examination of 1927.

Roll no.	*Name of candidate.*	*Name of College.*	*Passed in division.*
2	Amir Bahadur	Agra College, Agra ..	I
8	Anand Pal Yadava	ditto ..	III
7	Babu Ram Jaiswal	ditto ..	III
10	Banarsi Das	ditto ..	II
11	Banwari Lal Gupta	ditto ..	III
16	Birjadish Prasad	ditto ..	II
17	Bishambhar Nath Chaturvedi ..	ditto ..	III
20	Brij Nandan Vaish	ditto ..	II
21	Brij Narayan Sharma ..	ditto ..	III
22	Budhi Prakash Jain	ditto ..	III
30	Firozi Lal Jain	ditto ..	III
31	Gajadhar Prasad Tibbarewala ..	ditto ..	II
34	Gopi Nath Dixit	ditto ..	II
35	Gopi Nath Gupta	ditto ..	III
36	Govind Saran Bhargava ..	ditto ..	III
38	Hargian Singh Bhargava ..	ditto ..	II
40	Har Swaroop Bhatnagar ..	ditto ..	II
41	Har Swaroop Misra	ditto ..	III
47	Jagdish Saran Gupta	ditto ..	III
48	Jagdish Saran Mathur ..	ditto ..	III
49	Jinraj Sinha Jain	ditto ..	III
50	Jwala Prasad	ditto ..	III
51	Jyoti Prasad Agarwala ..	ditto ..	I
52	Kailash Pershad Munshi ..	ditto ..	III
53	Kali Charan Agarwal ..	ditto ..	II
54	Kali Shankar	ditto ..	III
57	Kaushal Pal Gupta	ditto ..	III
58	Krishna Murari Lal	ditto ..	III
59	Kunwar Narain Raizada ..	ditto ..	III
60	Kunwar Pal Singh	ditto ..	III
61	Kunwar Gajendra Pal Singh ..	ditto ..	II
62	Kunwar Shyam Behari Lal ..	ditto ..	III
63	Lakshman Saroop	ditto ..	III
64	Nathi Lal Jain	ditto ..	III
66	Pooran Chand Mehra ..	ditto ..	III
67	Pratap Singh (Primus) ..	ditto ..	III
68	Pratap Singh (Secundus) ..	ditto ..	III
69	Pyare Lal Bhargava	ditto ..	III

Roll no.	Name of candidate.	Name of College.	Passed in division.
71	Raghubir Sahai Kulshreshtha ..	Agra College, Agra ..	III
73	Ragian Prasad	ditto ..	III
78	Ram Swarup Agarwal ..	ditto ..	III
85	Siya Ram Sharma	ditto ..	III
90	Syed Rashid Ahmed	ditto ..	II
91	Tikam Singh	ditto ..	III
92	Triloki Nath Nagar	ditto ..	III
93	Trilok Singh	ditto ..	III
94	Vidya Sagar Sharma†	ditto ..	II
95	Amar Nath Bhargava ..	ditto ..	II
96	Anand Prakash Agrawal ..	ditto ..	I
97	Anand Prakash Gupta (Primus) ..	ditto ..	III
98	Anand Prakash Gupta (Secundus)	ditto ..	II
99	Anand Swarup Kulshreshtha ..	ditto ..	III
100	Anant Ram Agrawal ..	ditto ..	III
101	Babu Ram Gupta	ditto ..	III
103	Balwant Singh Sial* ..	ditto ..	I
104	Banwari Lal Gupta	ditto ..	II
105	Banwari Sharan Srivastava ..	ditto ..	II
106	Barendra Nath Mukerji ..	ditto ..	II
107	Bhagwati Prasad Sharma ..	ditto ..	III
108	Bir Bahadur Singh	ditto ..	III
110	Brij Raman Das	ditto ..	II
111	Brij Ratna Das Vaish ..	ditto ..	III
112	Chain Sukh Jain	ditto ..	II
113	Chaman Lal†	ditto ..	II
115	Chater Sain Saugal	ditto ..	II
116	Duli Chand Tiwari	ditto ..	II
117	Fateh Lal Vardya	ditto ..	II
118	Ganesh Singh	ditto ..	II
124	Hari Raman Bhargava ..	ditto ..	II
125	Hari Sharan Sharma ..	ditto ..	III
126	Harish Chandra	ditto ..	II
129	Jagdamba Prasad Mathur ..	ditto ..	III
131	Jagdish Sahai Saksena ..	ditto ..	III
137	Jai Narain Singh Rathor ..	ditto ..	II
140	Janki Prasad Bhargava ..	ditto ..	II
141	Kailash Chandra Mathur ..	ditto ..	II
142	Kailash Chandra Mital ..	ditto ..	III
143	Kailash Narayan Khanna ..	ditto ..	III
144	Kalka Prasad Mathur ..	ditto ..	II

* NOTE—Distinguished in Physics.
† NOTE.—Distinguished in Chemistry.

Roll no.	*Name of candidate.*	*Name of College*	*Passed in division.*
146	Kripa Narain Mathur ..	Agra College, Agra ..	II
147	Kunj Behari Lal Mathur ..	ditto ..	II
148	Kushla Nand Gairola ..	ditto ..	III
149	Kunwar Dasharath Singh Chauhan.	ditto ..	II
151	Lalit Kishore Chaturvedi ..	ditto ..	III
153	Mahtab Singh Rajput ..	ditto ..	II
155	Nayna Nand Jain	ditto ..	III
156	Nilratan Banerji	ditto ..	II
159	Piyare Mohan Lal Bavania ..	ditto ..	II
161	Prem Bahadur Saxena ..	ditto ..	II
162	Radhey Lal Rastogi	ditto ..	III
163	Radhey Raman Lal	ditto ..	III
166	Raghunath Singh	ditto ..	III
167	Raj Narain Agarwal	ditto ..	II
169	Ram Charan Gupta	ditto ..	II
171	Ram Gopal Pradhan	ditto ..	III
172	Ram Niwas Agarwala ..	ditto ..	II
176	Ramesh Prasad Saksena ..	ditto ..	III
180	Rup Narain Mathur	ditto ..	III
182	Satya Swarup Mathur ..	ditto ..	II
183	Shankar Swarup Bhatnagar ..	ditto ..	II
184	Sheo Narayan Saxena ..	ditto ..	II
185	Shiv Charan Lal	ditto ..	III
189	Shri Harsha	ditto ..	II
190	Shyam Sunder Arora ..	ditto ..	II
191	Shyam Sundar Lal	ditto ..	II
192	Sri Kishan Prasad Agarwala ..	ditto ..	II
193	Suraj Bhan Pande	ditto ..	III
194	Suraj Narayan Srivastava ..	ditto ..	III
196	Surya Prakash Agrawala ..	ditoo ..	II
197	Saiyid Asrar Hasan Rizvi ..	ditto ..	II
200	Uma Shankar Shivapuri ..	ditto ..	III
203	Vidya Shankar Bhargava ..	ditto ..	III
204	Viddya Swarup Kulshreshtha ..	ditto ..	III
205	Virendra Nath Agrawal ..	ditto ..	II
207	Vishnu Dat	ditto ..	II

Compartmental (Under Regulation 18, Chapter XII of the Board's Regulations).

208	Bepin Behari Bhatia ..	Agra College, Agra ..	Passed
209	Kishori Dat Joshi	ditto ..	Passed
210	Vishwa Nath Singh Sengar ..	ditto ..	Passed

Roll no.	Name of candidate.	Name of College.	Passed in division.
211	Amba Prasad ..	.. St. John's College, Agra	III
212	Augustine Hamilton Thomas ..	ditto ..	III
213	Bhagwat Swarup Rastogi ..	ditto ..	II
215	Chatur Deva	ditto ..	III
218	Debi Charan Garg	ditto ..	III
221	Habib-ur-Rahmau Khan ..	ditto ..	II
222	Hrishikesh Chaturvedi ..	ditto ..	III
225	Ishraq Husain Siddiqi ..	ditto ..	II
226	Ishrat Husain	ditto ..	III
227	Jagdamba Prasad Panday ..	ditto ..	III
237	Raghubir Saran Kulshreshth ..	ditto ..	II
240	Safdar Husain	ditto ..	III
241	Saiyid Iftikhar Ali	ditto ..	II
242	Shankar Singh Negi	ditto ..	III
243	Shankar Lal	ditto ..	III
245	Shyam Lal	ditto ..	III
246	Shyam Singh	ditto ..	III
247	Vidya Prasad	ditto ..	III
248	Wellington Solomon	ditto ..	III
250	Abdul Hafiz Khan	ditto ..	II
251	Alam Singh	ditto ..	II
255	Bishnendra Nath Gupta ..	ditto ..	II
256	Darashaw-Sorabji-Hansotia ..	ditto ..	II
257	Darbari Lal	ditto ..	II
258	Dhanna Lal P. Trivedi ..	ditto ..	III
260	Hari Lal Hathi	ditto ..	II
267	Krishna Chandra Khanna ..	ditto ..	II
268	Krishna Kumar Srivastava* ..	ditto ..	I
269	Mahesh Chandra	ditto ..	III
271	Mohammad Abdul Razaq Fazli ..	ditto ..	I
272	Mohammad Idris	ditto ..	II
277	Pratap Narayan Srivastava ..	ditto ..	II
280	Sachindra Nath Banerji ..	ditto ..	III
283	Shiv Datt Sharma	ditto ..	II
284	Suresh Chandra Banerjee ..	ditto ..	II
286	Amar Chand Bhalla	Radhasoami Educational Institute, Agra.	III
288	Amrit Sarup Amar	ditto ..	II
289	Chandra Mohan Johri ..	ditto ..	III

*NOTE.—Distinguished in Mathematics.

Roll no.	*Name of candidate.*	*Name of College.*	*Passed in division.*
290	Gur Das Singh Ahaluwalia ..	Radhasoami Educational Institute, Agra.	III
292	Har Swarup	ditto ..	II
293	Magan Behari Lal	ditto ..	II
296	Pratham Avatar	ditto ..	II
297	Ram Bharose Lal Agarwal ..	ditto ..	II
301	Saran Das Gupta	ditto ..	II
304	Udai Bhan Satsangi	ditto ..	III
305	Anand Prakash Satsangi ..	ditto ..	III
307	Charan Prasad Srivastava ..	ditto ..	II
308	Chunni Lal Gupta*	ditto ..	I
309	Dayal Das Markan	ditto ..	II
310	Dharam Narayan	ditto ..	II
311	Din Dayal	ditto ..	II
312	Gur Charan Das	ditto ..	II
317	Shyam Kumar Lal Sinha ..	ditto ..	III
319	Anandi Lal Bohra	Herbert Intermediate College, Kotah.	II
320	Balkrishna Mangeshrao Gulgule..	ditto ..	II
322	Chatur Singh	ditto ..	II
323	Hari Lal Pancholy†	ditto ..	I
324	Harnamdas Baijal	ditto ..	III
325	Jagdish Chandra Adya ..	ditto ..	III
326	Kalyan Prasad Gupta.. ..	ditto ..	II
328	Kaishna Behari Lal Saksena ..	ditto ..	III
330	Laxman Madarilal Mahajan ..	ditto ..	III
331	Madan Gopal Joshi	ditto ..	III
332	Manak Chand Gupta	ditto ..	II
333	Pandurang Ganesh Phadke ..	ditto ..	II
334	Prabhashankar Trivedi ..	ditto ..	III
337	Sada Shanker Jha ..	ditto ..	III
338	Saiyed Zahid Husain Rizvi ..	ditto ..	III
339	Shambhu Dayal Saksena ..	ditto ..	III
340	Shree Krishna	ditto ..	III
341	Sohanlal Goel	ditto ..	II
342	Udayprakash Agnihotri ..	ditto ..	III
344	Aditya Prasad Tiwari..	..Ewing Christian College, Allahabad.	III
347	Azimul Kareem Abbasi ..	ditto ..	II
349	Babullah Kasim Jaffry ..	ditto ..	III

*NOTE.—Distinguished in Mathematics and Chemistry.

†NOTE.—Distinguished in Physics and Chemistry.

Roll no.	Name of candidate.	Name of College.	Passed in division.
350	Baij Nath Kapur ..	Ewing Christian College, Allahabad.	II
351	Bhagwan Das Yadava ..	ditto ..	III
354	Bishambhar Nath ..	ditto ..	III
357	Brij Lal Gupta*	ditto ..	I
359	Chandra Shekhar	ditto ..	II
363	Durga Dhar Jayal	ditto ..	III
365	Dwarka Nath Prasad.. ..	ditto ..	III
366	Edwin A. Noble	ditto ..	III
367	Emmanuel Lawrene Das ..	ditto ..	III
368	Frederick Dudley Douglas ..	ditto ..	III
370	Govind Ram Pande	ditto ..	III
372	Hamid Ali	ditto ..	II
373	Hanuman Prasad Srivastava ..	ditto ..	III
374	Hari Krishna Jaitly ..	ditto ..	II
377	Jagan Singh Chauhan ..	ditto ..	II
378	Jagmohan Varma	ditto ..	II
382	Kanhaiya Lal Kacker ..	ditto ..	III
383	Kapil Nath	ditto ..	III
384	Krishna Mohan	ditto ..	III
389	Lakshmi Das Gupta	ditto ..	II
390	Lalta Prasad Sinha	ditto ..	III
391	Lalta Prasad Srivastava ..	ditto ..	III
392	Madan Gopal Gaur ..	ditto ..	II
393	Madan Mohan Das Nagar ..	ditto ..	III
394	Madan Mohan Rastogi ..	ditto ..	III
400	Mohammad Abdul Hamid ..	ditto ..	II
401	Mohammad Abdul Jalil ..	ditto ..	II
402	Muhammad Ilyas Ansari ..	ditto ..	III
403	Murlidhar Maheshwari ..	ditto ..	III
404	Nardeo Varma	ditto ..	III
405	Oudh Bihari Lal Kapoor ..	ditto ..	II
408	Permeshri Das Khandelwal ..	ditto ..	III
410	Pratap Narayan Roy Chaudhary..	ditto ..	III
412	Purnendu Basu	ditto ..	II
413	Pyare Lal Srivastava ..	ditto ..	III
414	Radhe Sham	ditto ..	III
415	Ram Lal Sah	ditto ..	II
417	Rama Raj Singh	ditto ..	II
419	Ramchhore Das Agarwal ..	ditto ..	II
420	Ram Swarup Agarwala ..	ditto ..	III

*NOTE —Distinguished in Mathematics.

Roll no.	*Name of candidate.*	*Name of College.*	*Passed in division.*
421	S. Shafqut Ali Khan ..	.. Ewing Christian College, Allahabad. ..	III
422	Saiyid Ehsan Ahmad ..	.. ditto ..	III
423	Saiyid Muhammad Aqil Rizvi	.. ditto ..	II
424	Saiyid Reyaz Husain	.. ditto ..	III
425	Salig Ram Jaiswal ..	.. ditto ..	III
426	Sant Prasad Srivastava	.. ditto ..	II
427	Sarju Prasad Singh	.. ditto ..	III
428	Sarvjit Lal Varma	.. ditto ..	II
429	Shah Jamil Alam ..	.. ditto ..	III
430	Shyam Behari Singh	.. ditto ..	III
431	Shyam Sundar Anand	.. ditto ..	II
433	Sumati Prasad Jain	.. ditto ..	II
434	Syed Mahmood Husain	.. ditto ..	III
436	Syed Talib Ali ..	.. ditto ..	II
437	Vishwa Nath Sharma	.. ditto ..	III
440	Abdul Majid ..	.. ditto ..	III
442	Ajit Kumar Roy ..	.. ditto ..	II
443	Alban Grace Jordan ..	.. ditto ..	II
446	Bharadvaj Bhargava* ..	.. ditto ..	I
448	Birj Bahadur ..	.. ditto ..	II
449	Bishun Swarup Saxena	.. ditto ..	III
452	Chandra Kanta Prasad	.. ditto ..	II
456	Cyril Sabonadier Peters	.. ditto ..	II
464	Har Dayal Srivastava	.. ditto ..	II
465	Hari Ram Singh ..	.. ditto ..	II
468	Jagat Nath Prasad Varma	.. ditto ..	III
469	Jagdish Bal Dikshit ..	.. ditto ..	II
470	Jairaj Bahadur Mathur	.. ditto ..	II
472	Jamil Ahmad ..	.. ditto ..	II
473	Jogendra Nath Bhargava	.. ditto ..	II
474	John Herbert Mukerji	.. ditto ..	II
476	Kailash Nath Bhargava†	.. ditto ..	
477	Kalka Prasad Chaturvedi	.. ditto ..	III
478	Kamala Charan Dutt	.. ditto ..	
479	Kamta Prasad Srivastava	.. ditto ..	III
484	Mahabir Prasad Jain	.. ditto ..	II
485	Mark Chatubhuj Lall	.. ditto ..	III
486	Mervyn Alfred Michael	.. ditto ..	II

*NOTE.—Distinguished in Chemistry.

†NOTE.—Distinguished in Chemistry and Physics.

Roll no.	Name of candidate.	Name of College.	Passed in division.
487	Mihir Kumar Mukerji ..	Ewing Christain College, Allahabad.	II
488	Moni Mohan De	ditto ..	II
490	Muhammad Idris Siddiqi ..	ditto ..	III
491	Muhammad Ismail	ditto ..	II
492	Murli Dhar Dube	ditto ..	III
493	Nand Kishore Rai	ditto ..	II
494	Noni Lal Pal	ditto ..	II
495	Onkar Nath Raina	ditto ..	II
496	Piare Lal Gupta	ditto ..	II
498	Probhat Kumar Banerji ..	ditto ..	II
500	Radho Behari Lal	ditto ..	III
501	Raghunandan Saran Sharma ..	ditto ..	III
503	Ram Kumar Singh	ditto ..	II
504	Ram Lal Choudhari	ditto ..	III
505	Rameshwar Prasad Sharma ..	ditto ..	II
507	Rash Behari Bhattacharya ..	ditto ..	II
508	Ratindra Kumar Ghosh ..	ditto ..	III
509	Reyaz Uddin Ahmad ..	ditto ..	III
510	Roger Clifton Lacy	ditto ..	I
511	Saiyid Ajmal Husain	ditto ..	III
514	Shambhoo Nath Kapoor ..	ditto ..	III
515	Shyam Krishna Mukerji* ..	ditto ..	I
516	Shyam Narain Srivastava ..	ditto ..	II
517	Sidheshwar Nath*	ditto ..	I
518	Sri Krishna Jha	ditto ..	I
519	Sri Kumar Tewari	ditto ..	II
521	Sukumar Mukerji	ditto ..	III
522	Suresh Chandra Mathur ..	ditto ..	II
523	Sushil Kumar Mukerjee ..	ditto ..	II
525	Vishwanath Prasad Srivastava ..	ditto ..	III

Compartmental under Regulation 18, Chapter XII of the Board's Regulations.

526	Krishna Kant	Ewing Christian College, Allahabad.	Passed.
527	Amar Nath Kapur ..	.. Kayasth Pathshala Intermediate College, Allahabad.	III
528	Audh Narain Lal	ditto ..	III
530	Bakhshi Dayal Saran Sinha ..	ditto ..	III

*NOTE.—Distinguished in Chemistry.

Roll no.	*Name of candidate.*	*Name of College.*	*Passed in division.*
531	Bankey Behari Lal Bhatnager ..	Kayasth Pathshala Intermediate College, Allahabad.	II
532	Bhagwati Prasad	ditto ..	III
534	Bhagwat Sahai	ditto ..	III
535	Bhola Nath Verma	ditto ..	II
537	Brij Behari Lal Srivastava ..	ditto ..	II
538	Chandra Shekar Saran ..	ditto ..	II
541	Ganpat Sahai Srivastava ..	ditto ..	II
544	Hari Shankar	ditto ..	II
546	Jagan Nath Prasad Srivastava (Primus).	ditto ..	III
549	Jagdamba Prasad Saksena ..	ditto ..	III
550	Jai Narain Rai Bhatnagar ..	ditto ..	III
551	Jai Shankar Lal	ditto ..	III
552	Jawahir Lal Srivastava ..	ditto ..	II
558	Mahendra Singh Katiha ..	ditto ..	III
561	Nawal Kishore Chaddha ..	ditto ..	II
563	Promode Chandra Ganguli ..	ditto ..	II
564	Purushottam Lal Srivastava ..	ditto ..	II
565	Rabindra Nath Deb ..	ditto ..	II
568	Ram Chandra Shukla ..	ditto ..	II
569	Radhika Bihari Mathur ..	ditto ..	III
570	Raghu Nath Prasad ..	ditto ..	III
572	Raj Narayan	ditto ..	II
573	Ram Krishna Lal	ditto ..	III
574	Ram Lakhan Lall Srivastava ..	ditto ..	III
576	Sangam Lal	ditto ..	III
577	Shiv Narain Kapur	ditto ..	III
579	Shri Mohan Lal Srivastava ..	ditto ..	II
582	Sita Ram Lal	ditto ..	III
583	Vishwanath Prasad	ditto ..	III
585	Yogendra Prasad	ditto ..	II
588	Chhail Bihari Trivedi ..	ditto ..	III
592	Har Gobind Dayal	ditto ..	II
595	Kailash Narayan	ditto ..	III
596	Kamala Kanto Nath	ditto ..	II
597	Kalika Prasad Srivastava ..	ditto ..	II
599	Khurshed Bahadur	ditto ..	III
600	Kishan Chandra Pant	ditto ..	II
601	Mohan Lal Saksena	ditto ..	III
602	Omkar Sahai Saksena	ditto ..	II

Roll no.	Name of candidate.	Name of College.	Passed in division.
606	Purna Nand Lal*	Kayasth Pathshala Intermediate College, Allahabad.	I
608	Raghubar Dayal Srivastava ..	ditto ..	II
610	Rama Shankar Prasad Srivastava	ditto ..	II
612	Shyama Pado Banerji ..	ditto ..	III
614	Tara Prasad Varma	ditto ..	II
615	Albert Ernest Thomas Barrow ..	Boys' Intermediate College, Allahabad.	II
616	George Edward Frank Wright ..	ditto ..	III
617	John Wyman Wright ..	ditto ..	III
618	Abdul Ahad	Government Intermediate College, Allahabad.	I
619	Abdul Rab Siddiqi	ditto ..	II
620	Abdul Shakoor Siddiqi ..	ditto ..	II
621	Achyutanand Pande ..	ditto ..	II
622	Amar Bahadur Singh ..	ditto ..	III
623	Ambika Prasad Dwivedi ..	ditto ..	III
624	Bamdeo Misra	ditto ..	III
625	Bhagwati Prasad Srivastava ..	ditto ..	II
626	Brij Basi Lal Misra ..	ditto ..	II
627	Fateh Bahadur Singh ..	ditto ..	II
628	Gyan Swaroop Bedi ..	ditto ..	II
629	Harbans Rai Varma ..	ditto ..	II
630	Harish Chandra	ditto ..	II
631	Hari Krishna	ditto ..	II
632	Ishtiaq Ali..	ditto ..	II
633	Jagan Nath Prasad	ditto ..	II
634	Lakhshmi Prasad	ditto ..	II
635	Mirza Abul Baqa	ditto ..	III
636	Mirza Abdul Hasan Beg ..	ditto ..	III
637	Muhammad Shakoor ..	ditto ..	III
638	Muhammad Samiullah Ansari ..	ditto ..	II
639	Muhammad Usman Ghani ..	ditto ..	III
640	Ram Adhar Tiwari	ditto ..	II
641	Ram Gopal Sand	ditto ..	I
642	Sachita Nand Sahai	ditto ..	III

*NOTE.—Distinguished in Mathematics.

Roll no.	*Name of candidate.*	*Name of College.*	*Passed in division.*
644	Saiyid Akhtar Husain Naqvi ..	Government Intermediate College, Allahabad.	II
645	Saiyid Fasih Ahmad	ditto ..	III
646	Saiyid Mumtazuddin Ahmad ..	ditto ..	III
648	Sarju Prasad Pande	ditto ..	II
649	Shafi-ullah Khan	ditto ..	III
650	Shaikh Mushtaq Ahmad Ansari ..	ditto ..	III
651	Shiva Naresh Pathak ..	ditto ..	II
652	Shiva Nath Katju	ditto ..	II
655	Arun Kumar Mukherjee ..	ditto ..	III
656	Avadh Behari Singh	ditto ..	II
657	Bashir Uddin	ditto ..	II
658	Bishambhar Nath Kapoor ..	ditto ..	II
659	Braj Kumar Nehru*	ditto ..	
660	Govind Prasad Nigam ..	ditto ..	III
661	Guru Prasad Chatterjee ..	ditto ..	II
662	Hamid Raza Khan	ditto ..	III
663	Kapil Deo Vyas	ditto ..	III
664	Kashi Nath Krishnaji Laghate ..	ditto ..	III
665	Krishna Chandra Tandon† ..	ditto ..	I
668	Latif Uddin	ditto ..	III
669	Leila Roy (Miss)	ditto ..	II
670	Lionel Benjamin Tobit ..	ditto ..	II
671	Muhammad Hamid Khan ..	ditto ..	II
672	Muhammad Hasan	ditto ..	II
673	Mohini Mohan Palit	ditto ..	III
674	Nand Lal Bandopadhyay ..	ditto ..	III
675	Pratap Bahadur	ditto ..	I
676	Pratab Bahadur Srivastava ..	ditto ..	III
677	Pronab Kumar Bose	ditto ..	II
678	Rajendra Chaube	ditto ..	III
679	Rama Shanker Tiwari ..	ditto ..	II
680	Ramani Ranjan Mukerji ..	ditto ..	II
681	Robindra Nath Ghosh ..	ditto ..	II
683	Shankar Singh Gosain ..	ditto ..	II
684	Shanti Nath Nagar	ditto ..	III
685	Shyam Narayan Shivapuri ..	ditto ..	II
686	Suraj Narayan Razdan ..	ditto ..	II
687	Vishwanath Prasad Gupta ..	ditto ..	II

* NOTE.—Distinguished in Physics.

†NOTE.—Distinguished in Mathematics.

Roll no.	Name of candidate.	Name of College.	Passed in division.
689	Binapani Ghosh	.. Crosthwaite Girls' College, Allahabad.	II
690	Fairy Joel ..	.. ditto ..	III
692	Helen Shaw ..	.. ditto ..	II
693	Irene Dorothy Bonifacius	.. ditto ..	II
694	Kirpawati Srivastava	.. ditto ..	II
695	Maha Devi Varma* ..	.. ditto ..	II
696	Nilima Bose ..	.. ditto ..	II
697	Paramita Sen ..	.. ditto ..	III
698	Prakashvati Gupta* ..	.. ditto ..	II
699	Sabitri Mukerjee ..	.. ditto ..	III
700	Badri Dat Joshi ..	.. Government Intermediate College, Almora.	III
701	Badri Dat Khulve ..	.. ditto ..	III
702	Bindeshwari Prasad Joshi	.. ditto ..	II
703	Daya Swarupa Varma	.. ditto ..	III
704	Girban Dat Joshi ..	.. ditto ..	II
705	Hari Ram Tiwari ..	.. ditto ..	III
707	Janardan Pande ..	.. ditto ..	III
708	Janardan Pant ..	.. ditto ..	II
709	Manohar Lal ..	.. ditto ..	III
714	Nitya Nand Joshi ..	.. ditto ..	III
715	Padam Singh Majila	.. ditto ..	II
716	Pan Singh Bhakuni	.. ditto ..	III
717	Pitamber Tiwari ..	.. ditto ..	III
721	Vidya Sagar Khulve	.. ditto ..	III
722	Amba Dat Pant ..	.. ditto ..	II
723	Kirti Ballabh Tiwari†	.. ditto ..	II
725	Shri Kishan Joshi‡ ..	.. ditto ..	I
726	Sundar Lal Sah ..	.. ditto ..	II
727	Tula Ram Mantan† ..	.. ditto ..	I
730	Ahmad Wali Khan ..	.. Bareilly College, Bareilly.	III
733	Amir Ahmad Siddiqi	.. ditto ..	III
735	Anwar Hasan Khan ..	.. ditto ..	II
736	Balak Ram Puri ..	.. ditto ..	II
737	Bala Sahai ..	.. ditto ..	II
738	Bisu Deva Saran Agarwala	.. ditto ..	II
741	Bhuwaneshwar Joshi	.. ditto ..	III
743	Bishambhar Nath Sharma	.. ditto ..	III
744	Brij Bahadur ..	.. ditto ..	II

* NOTE.—Distinguished in Hindi.
† NOTE.—Distinguished in Physics.
‡ NOTE —Distinguished in Chemistry.

Roll no.	*Name of candidate.*	*Name of College.*	*Passed in division.*
751	Ehsan Ali Khan*	Bareilly College, Bareilly.	I
754	Gopal Narain	ditto ..	III
756	Gopi Ballabh Misra	ditto ..	II
757	Gurdit Singh	ditto ..	III
758	Harishchandra Sahai Saksena ..	ditto ..	III
759	Harnandan Prasad	ditto ..	II
760	Indra Sen	ditto ..	III
762	Jageshur Dayal	ditto ..	III
763	Jagjiwan Sahai	ditto ..	II
764	Jai Ballabh Pande	ditto ..	III
766	Jugal Kishore	ditto ..	III
769	Kanhaya Lal Saksena ..	ditto ..	III
771	Khalil Uddin	ditto ..	III
777	Mahbub Hasan Khan	ditto ..	III
778	Muhammad Majeed Uddin Khan	ditto ..	II
779	Mohan Swaroop Saksena ..	ditto ..	II
784	Muhammad Rafi	ditto ..	III
785	Munna Lal	ditto ..	III
787	Prahlad Narain	ditto ..	III
788	Prem Narayan Mohale ..	ditto ..	III
794	Raj Bahadur	ditto ..	III
795	Rajendra Chandra Dubey ..	ditto ..	III
796	Rajoni Mohan Mukerji ..	ditto ..	II
797	Rakshpal Singh Saksena ..	ditto ..	III
799	Ram Datt	ditto ..	III
800	Rameshwar Narain	ditto ..	III
801	Ram Prakash	ditto ..	III
804	Sachindra Nath Banerji ..	ditto ..	III
805	Saiyid Afzal Husain	ditto ..	III
808	Salim Uddin Ahmad ..	ditto ..	III
809	Santosh Kumar Bhaduri ..	ditto ..	II
810	Saraswati Prasad	ditto ..	III
813	Shiam Sunder Mehra ..	ditto ..	II
817	Shri Kishore	ditto ..	III
820	Shyam Swarup	ditto ..	III
821	Sri Narain Sharma	ditto ..	III
822	Sri Narain Shukla	ditto ..	III
823	Syed Ameer Raza	ditto ..	II
828	Vishwanath Rao Peshwa ..	ditto ..	III

* NOTE.—Distinguished in Mathematics and Physics.

Roll no.	Name of candid	Name of College.	Passed in division.
830	Eugene James Earle ..	.. St. Joseph's College, Naini Tal.	III
832	Abul Hasan Quraishi	..Queen's College, Benares.	II
833	Ambika Lal	.. ditto ..	III
834	Amalananda Ghosh	.. ditto ..	I
835	Bhai Chandra Pathak ..	.. ditto ..	II
836	Bajoy Kumar Barat	.. ditto ..	III
837	Devi Dayal Mathur	.. ditto ..	III
839	Ganga Ram	.. ditto ..	III
841	Habib Ahmad Khan	.. ditto ..	III
842	Hari Bansh Narayan Singh ..	.. ditto ..	III
844	Hira Lal Khattri	.. ditto ..	III
846	Jagdish Prasad Singh ..	.. ditto ..	II
848	Kailash Nath Srivastab ..	.. ditto ..	III
849	Madan Mohan Gaur	.. ditto ..	II
850	Muhammad Azfar	.. ditto ..	II
852	Muhammad Noman Khan ..	.. ditto ..	II
853	Poolla Tirupatiraju	.. ditto ..	II
854	Prafulla Kumar Mukerji ..	.. ditto ..	III
855	Pran Nath Sapru	.. ditto ..	III
856	Rajendra Nath Ojha.. ..	.. ditto ..	III
857	Raj Nath Chaubey	.. ditto ..	III
858	Ram Adhar Pandey	.. ditto ..	III
859	Ram Dulare Tewari	.. ditto ..	II
860	Ram Narosh	.. ditto ..	III
861	Ram Rudra Tewari	.. ditto ..	III
862	Randhir Lal	.. ditto ..	III
864	Shambhu Narayan	.. ditto ..	III
866	Shyam Lal	.. ditto ..	III
867	Shyam Sundar Pandey ..	.. ditto ..	III
868	Sri Nath Prasad	.. ditto ..	III
870	Sudhir Chandra Chakravartty ..	.. ditto ..	III
874	Birendra Nath Bhattacharya* ..	.. ditto ..	I
875	Chandi Das Mukerjee ..	.. ditto ..	III
876	Devi Prasad	.. ditto ..	III
877	Ganga Narayan Chatterji ..	.. ditto ..	III
878	Gyanendra Chandra Mukerji* ..	.. ditto ..	II
882	Jitendra Nath Das	.. ditto ..	III
883	Jitendra Nath Mukerji ..	.. ditto ..	III

*NOTE.—Distinguished in Chemistry.

Roll no.	*Name of candidate.*	*Name of College.*	*Passed in division.*
884	Kailash Nath Kakkar ..	Queen's College, Benares.	II
885	Kshitish Chandra Biswas ..	ditto ..	II
886	Madan Sundar Lal	ditto ..	III
889	Ramnandan Pandeya ..	ditto ..	III
890	Ram Renu Lahiri	ditto ..	II
891	Ram Rup Ram	ditto ..	III
892	Sadashiv Chintaman Damle* ..	ditto ..	I
893	Santosh Kumar De Sarkar ..	ditto ..	II
894	Satya Charan Roy	ditto ..	II

Compartmental (Under Regulation 18, Chapter XII of the Board's Regulations)

896	Shri Rama Varma	Queen's College, Benares.	Passed.
899	Audh Narayan Singh ..	Udai Partab College and Hewett Kshatriya School, Benares.	III
900	Badri Narain Singh	ditto ..	II
901	Bhanu Pratap Singh	ditto ..	III
902	Birendra Bahadur Singh ..	ditto ..	III
903	Bishwanath Singh	ditto ..	III
904	Dasu Singh	ditto ..	III
908	Hira Prasad Singh	ditto ..	III
911	Lal Bahadur Singh	ditto ..	III
912	Narain Singh	ditto ..	III
913	Palji Pal	ditto ..	II
914	Paramhans Singh	ditto ..	II
916	Ramadhar Singh	ditto ..	III
917	Ram Prasad Singh	ditto ..	III
918	Shitala Prasad Singh ..	ditto ..	III
923	Ganga Devi Govind Barpute ..	Theosophical National Women's College, Benares.	II
924	Hira Lakhshmi Bhatt ..	ditto ..	III
925	Shrimati Kamala Ghosh ..	ditto ..	III
927	Avadh Bihari Lal†	Christ Church College, Cawnpore.	I

* NOTE.—Distinguished in Mathematics.

† NOTE—Distinguished in Logic and Mathematics.

Rol no.	Name of candidate.	Name of College.	Passed in division.
929	Ambika Prasad Shukla ..	Christ Church College, Cawnpore.	III
931	Abdul Khaliq	ditto ..	III
932	Bhairon Prasad Shukla ..	ditto ..	III
933	Bama Charan Misra..	ditto ..	III
935	Dalji Singh Rathor	ditto ..	II
936	Dennis George de Souza ..	ditto ..	II
937	Eric de Souza	ditto ..	II
940	Gajadhar Singh Chauhan ..	ditto ..	III
945	Janardan Prasad	ditto ..	II
946	Khwaja Abdul Majid ..	ditto ..	I
948	Lalit Bihari Lal	ditto ..	III
949	Man Mohan Lal	ditto ..	III
950	Mustafa Husain	ditto ..	III
954	Narendra Kumar Misra ..	ditto ..	II
955	Nand Kishore Dubey ..	ditto ..	III
957	Ram Krishna Tiwari.. ..	ditto ..	III
960	Raghunandan Prasad Kapoor ..	ditto ..	III
962	Razauddin Ahmad	ditto ..	III
963	Raghunath Prasad	ditto ..	III
964	Ram Dayal Singh	ditto ..	II
965	Rameshwar Prasad Pandey ..	ditto ..	III
966	Shriniwas Balaji Hardiker ..	ditto ..	III
969	Sri Krishna Rao Datey ..	ditto ..	III
970	Shyam Narain Nigam ..	ditto ..	I
972	Shiva Ram Pandey	ditto ..	III
973	Syed Khalil Ahmad	ditto ..	III
975	Vishwa Nath Misra	ditto ..	II
976	Abdul Haq Khan	ditto ..	II
977	Amarendra Nath Sinha ..	ditto ..	III
981	Framji Manackji	ditto ..	III
982	Kailash Chandra Mathur* ..	ditto ..	I
984	Keshava Chandra Varma† ..	ditto ..	II
985	Mohammad Usman	ditto ..	II
991	Sharad Chandra Misra* ..	ditto ..	I

Compartmental under Regulation 18, Chapter XII of the Board's Regulations.

993	Chandra Bhushan Ha ela ..	Christ Church College, Cawnpore.	Passed.
994	Vishwanath Bajpai	ditto ..	Passed.

* NOTE.—Distinguished in Chemistry.

† NOTE.—Distinguished in Physics.

Roll no.	*Name of candidate.*	*Name of College.*	*Passed in division.*
996	Anant Prasad Mathur ..	D. A.-V. College, Cawnpore.	II
997	Aswani Kumar Misra ..	ditto ..	III
998	Ayodhya Nath Bhalla ..	ditto ..	II
999	Babu Ram Patwa	ditto ..	III
1000	Balbhadra Singh	ditto ..	III
1001	Baldeo Prasad	ditto ..	III
1002	Baleshwar Prasad	ditto ..	II
1003	Basdeva Prasad	ditto ..	II
1004	Benarsidas Gupta	ditto ..	III
1005	Beni Singh Awasthi	ditto ..	III
1007	Bhairon Prasad Srivastava ..	ditto ..	III
1009	Bhupal Singh	ditto ..	II
1010	Braj Kishor Misra	ditto ..	III
1011	Braj Raj Singh	ditto ..	III
1014	Damodar Das Agrawal ..	ditto ..	II
1019	Ganga Dayal Shukla	ditto ..	III
1020	Gangadhar Nath Nigam ..	ditto ..	III
1021	Girish Chandra Pande ..	ditto ..	III
1022	Gulab Chand Jain	ditto ..	III
1023	Gur Dayal Singh	ditto ..	II
1024	Gur Sharan Lal Srivastava* ..	ditto ..	I
1026	Hanuman Singh Kushawalia ..	ditto ..	III
1027	Har Charan Lal	ditto ..	III
1028	Hari Har Prasad	ditto ..	III
1030	Hari Krishna Saxena ..	ditto ..	III
1036	Jagannath Sharma	ditto ..	III
1037	Jagat Narayan Seth	ditto ..	III
1038	Jagdish Baksh Singh ..	ditto ..	III
1039	Jagdish Narayan Saxena ..	ditto ..	III
1040	Jagdish Shankar Misra ..	ditto ..	III
1041	Jyoti Prasad Gupta	ditto ..	III
1042	Kailash Narayan	ditto ..	II
1046	Krishna Chandra Saksena ..	ditto ..	III
1047	Krishna Gopal Saksena ..	ditto ..	III
1050	Lakshmi Narain Gupta ..	ditto ..	III
1051	Lakshmi Prasad Gupta ..	ditto ..	III
1052	Lakshmi Prasad Sharma ..	ditto ..	II
1053	Lakshmi Prasad Varma ..	ditto ..	III
1056	Madan Mohan Sharma ..	ditto ..	II
1057	Madho Prasad Sharma ..	ditto ..	III

* NOTE.—Distinguished in Mathematics.

Roll no.	Name of candidate.	Name of College.	Passed in division.
1061	Munshi Lal Rathi	D. A.-V. College, Cawnpore.	III
1063	Parmatma Sharan Nigam* ..	ditto ..	II
1064	Pyare Lal	ditto ..	III
1065	Radhey Lal Mehrotra ..	ditto ..	II
1066	Radhey Shiam Sharma ..	ditto ..	III
1068	Raghubar Dayal Bhatnagar ..	ditto ..	III
1069	Raghunandan Lal Tewari ..	ditto ..	III
1071	Raja Ram Gupta	ditto ..	III
1073	Rajendra Prasad	ditto ..	III
1074	Raj Kumar Saksena.. ..	ditto ..	II
1076	Ram Kishore Verma.. ..	ditto ..	III
1077	Ram Nath Rastogi	ditto ..	III
1078	Ram Prakash Agarwal ..	ditto ..	III
1080	Rup Kishor Dhawan ..	ditto ..	III
1082	Saraswati Prasad Srivastava ..	ditto ..	III
1083	Shambhoo Dayal	ditto ..	III
1085	Sheo Dayal Gupta	ditto ..	III
1087	Shiv Kumar Gupta	ditto ..	II
1088	Shyama Saran Khare ..	ditto ..	III
1091	Tej Singh	ditto ..	II
1092	Triloki Nath	ditto ..	II
1093	Tulshi Lal Srivastava ..	ditto ..	III
1094	Uma Charan Shukla ..	ditto ..	II
1095	Vidya Shankar*	ditto ..	I
1097	Vishnu Dayal Srivastava ..	ditto ..	III
1101	Bishun Gopal Kacker ..	ditto ..	II
1102	Chandra Mohan Sharma† ..	ditto ..	II
1103	Dwarka Prasad Shrivastava ..	ditto ..	II
1104	Harish Chandra	ditto ..	II
1105	Jai Deva Varma	ditto ..	II
1106	Jivan Lall	ditto ..	II
1107	Krishna Kumar	ditto ..	II
1109	Parashuram Haripant Behere ..	ditto ..	III
1110	Pashupati Nath Muttoo ..	ditto ..	II
1112	Raghubansh Kumar Sharma ..	ditto ..	II
1113	Ram Gopal Gupta	ditto ..	II
1115	Shiva Varma	ditto ..	III
1116	Shyam Lal Agarwal	ditto ..	II

*NOTE.—Distinguished in Mathematics.

†NOTE.—Distinguished in Chemistry.

Roll no.	*Name of candidate.*	*Name of College.*	*Passed in division.*
1117	Shyam Narain Baijal ..	D. A. V. College Cawnpore.	III
1118	Sri Krishna Behari	ditto ..	II
1119	Surya Sen Varma	ditto ..	II
1125	Hara Dhan Banerjee ..	D. A.-V. College, Dehra Dun.	II
1127	Jiva Nand	ditto ..	II
1128	Kripal Dat Joshi	ditto ..	III
1130	Lilawati	ditto ..	III
1131	Madan Mohan Joshi.. ..	ditto ..	I
1132	Mool Chand Mittal	ditto ..	III
1136	Pitambar Datt Dhuliya ..	ditto ..	III
1142	Satya Narain Prasad Nautiyal ..	ditto ..	III
1143	Shakuntala Devi	ditto ..	II
1145	Sidha Nand Dabral	ditto ..	III
1146	Sohan Lal Thapliyal ..	ditto ..	III
1147	Surbir Singh	ditto ..	III
1148	Swarup Narain Mathur ..	ditto ..	II
1149	Trilochan Mamgain	ditto ..	II
1151	Visheshwar Nath	ditto ..	II
	Compartmental under Regulation 18, Chapter XII.		
1153	Udaya Nand Lakhera ..	D. A.-V. College, Dehra Dun.	Passed.
1154	Arthur Thomas Rodrigues ..	St. George's College, Mussoorree.	II
1158	John Henry Mason	ditto ..	III
1159	Samuel Manmohan Nath Datta	ditto ..	II
1160	Anisul Hasan Warsi ..	Govt. Int. College, Etawah.	III
1161	Ashraf Ali Siddiqi	ditto ..	II
1162	Bishwambhar Dayal	ditto ..	III
1165	Keshava Ram Varma ..	ditto ..	III
1166	Kripa Narayan Pathak ..	ditto ..	III
1167	Lakshmi Chandra Dikshit ..	ditto ..	III
1169	Mulkhan Singh Rawat ..	ditto ..	III
1170	Muhammad Sami Khan Yusuf Zai.	ditto ..	III
1174	Shiam Behari Dube	ditto ..	III
1175	Shiv Ratan Misra*	ditto ..	II

*NOTE.—Distinguished in Mathematics.

Roll no.	*Name of candidate.*	*Name of College.*	*Passed in division.*
1176	Sundar Lal Gupta	.. Govt. Intermediate College, Etawah.	III
1178	Zia Uddin Ahmad Zubari ..	ditto ..	II
1179	Gobind Bihari Agarwal ..	ditto ..	III
1180	Jai Narain Vaishya	.. ditto ..	II
1181	Prakash Chand Anand ..	ditto ..	III
1184	Chand Narain Dhown..	.. Govt. Intermediate College, Fyzabad.	III
1186	Ganga Prasad Singh	ditto ..	III
1187	Ghirau Singh	ditto ..	III
1189	Habib Ullah Siddiqi	ditto ..	III
1191	Iftikharul Haque	ditto ..	II
1193	Jai Ram*	ditto ..	II
1194	Kailash Singh	ditto ..	II
1195	Kamla Prasad Singh	ditto ..	III
1196	Kamalesh Chandra Upadhyaya ..	ditto ..	II
1197	Keshava Ram Bansal	ditto ..	II
1198	Lakshmi Narain	ditto ..	II
1199	Maheshwar Prasad	ditto ..	II
1200	Muhammad Sami Khan Yusufzai	ditto ..	III
1202	Onkar Prasad Bhatnagar ..	ditto ..	II
1204	Prithivi Pat Singh	ditto ..	III
1206	Ram Lal Srivastava	ditto ..	III
1207	Ram Rup Singh Chauhan ..	ditto ..	III
1209	Rudra Pratap Narain Singh ..	ditto ..	III
1210	Saghir Husain	ditto ..	III
1212	Saiyid Masood Ahmad ..	ditto ..	III
1217	Shaikh Jaggu	ditto ..	II
1218	Shiva Kumar Singh	ditto ..	III
1219	Sita Ram Dube	ditto ..	III
1220	Sudrishti Narain	ditto ..	II
1225	Brijraj Saran Misra	ditto ..	III
1227	Jagdish Sinha	ditto ..	II
1228	Kamal Krishna Mukerji ..	ditto ..	II
1231	Krishna Prasad	ditto ..	II
1232	Lakshman Chintamani Vaishampayan.	ditto ..	II
1233	Madho Ram Srivastava ..	ditto ..	II
1236	Ram Lal Khare	ditto ..	III
1237	Shambhu Nath	ditto ..	III

*NOTE.—Distinguished in Mathematics.

Roll no.	*Name of candidate.*	*Name of College.*	*Passed in division.*
1238	Shyam Lal Pande	Govt. Inter. College, Fyzabad.	III
1240	Audh Behari Sharan	St. Andrew's College, Gorakhpur.	III
1242	Babban Prasad Misra	ditto ..	II
1245	Chandra Sen Singh	ditto ..	III
1246	Daya Shankar	ditto ..	III
1249	Fakhrul Hasan	ditto ..	III
1250	Ganpati Sahai Srivastava ..	ditto ..	III
1253	Girja Shankar	ditto ..	III
1254	Girja Shankar Srivastava ..	ditto ..	III
1257	Gulab Chand Srivastava ..	ditto ..	III
1258	Guptar Misra	ditto ..	III
1262	Harihar Prasad	ditto ..	III
1265	Jagannath Prasad Srivastava ..	ditto ..	II
1268	Janardan Prasad Pande ..	ditto ..	II
1270	Jagdish Narain Ray	ditto ..	III
1271	Jogindra Kishor Sahi	ditto ..	III
1272	Jwala Prasad Rai	ditto ..	III
1273	Jyotish Chandra Kundu ..	ditto ..	II
1278	Krishna Sewak	ditto ..	III
1281	Mangla Prasad Srivastava ..	ditto ..	III
1282	Maqbool Ahmad	ditto ..	III
1285	Muhammad Jalaluddin ..	ditto ..	III
1288	Muhammad Khalilur Rahman ..	ditto ..	II
1292	Mritunjai Bahadur Singh ..	ditto ..	III
1295	Pandey Jagdamba Prasad ..	ditto ..	III
1296	Prabhat Kumar Sen Gupta ..	ditto ..	I
1299	Rai Keshari Narain Pershad ..	ditto ..	II
1301	Ram Adhar Pande	ditto ..	III
1303	Ram Jee Lall Srivastava ..	ditto ..	II
1308	Ram Ratan Sahai	ditto ..	II
1311	Rama Shankar Prasad ..	ditto ..	III
1315	Saiyed Shaukat Ali	ditto ..	II
1317	Shabbir Uddin	ditto ..	II
1319	Shri Nand	ditto ..	II
1321	Sri Nawas Tripathi	ditto ..	III
1322	Surajdeo Narain Sinha ..	ditto ..	II
1323	Suresh Chandra Srivastava ..	ditto ..	II
1324	Tameshwar Prasad	ditto ..	III.
1325	Tribeni Sahai Srivastava ..	ditto ..	III.
1326	Vidya Prasad Singh	ditto ..	II.

Roll no.	*Name of candidate.*	*Name of College.*	*Passed in division.*
	Compartmental (Under Regulation 18, Chapter XII).		
1328	Hira Lal Verma	St. Andrew's College, Gorakhpur.	Passed.
1331	Bhagwan Das Mahor ..	Government Intermediate College, Jhansi.	II
1334	Girja Prasad Srivastava ..	ditto ..	III
1338	Jageshwari Prasad Srivastava ..	ditto ..	III
1339	Jugal Kishore Khare ..	ditto ..	II
1340	Mukhtar Ahmad*	ditto ..	II
1342	Puran Singh	ditto ..	III
1343	Rasik Lal Mehta	ditto ..	III
1345	Shridhar Govind Garde ..	ditto ..	II
1348	Tara Pada Roy	ditto ..	II
1350	Bhagwan Das Arjaria ..	ditto ..	II
1351	Birendra Shankar Srivastava ..	ditto ..	III
1352	Dand Pani Venkat Tailang ..	ditto ..	II
1354	Jagdish Chandra Sahney ..	ditto ..	II
1355	Kalika Prasad Agarwal ..	ditto ..	II
1356	Kedar Nath Singh	ditto ..	II
1358	Ramchandra Sakharam Borvanker	ditto ..	III
1359	Sasadhar Mukerji	ditto ..	II
1360	Shivaram Krishna Pranjpe ..	ditto ..	III
1362	Syed Muhammad Ahsan* ..	ditto ..	II
1365	Aileen Chapman	Isabella Thoburn College, Lucknow.	II
1366	Beatrice Virginia Elias ..	ditto ..	III
1367	Blossom Hemisfeir	ditto ..	III
1368	Champawati Misra	ditto ..	III
1369	Cordelia Winifred Shepherd ..	ditto ..	III
1370	Dorothy Lopez	ditto ..	II
1371	Edit Tupper	ditto ..	III
1372	Eva Grace Cornelius ..	ditto ..	II
1373	Hannah David	ditto ..	II
1374	Helen Moji Ram	ditto ..	III
1375	Irene Mildred Lyall	ditto ..	II
1376	Jamila Sultan Jilani	ditto ..	III
1377	Jane Myrtle Roy	ditto ..	III
1380	Marie Sommerville	ditto ..	II
1384	Pramila Chatterjee	ditto ..	III

* NOTE.—Distinguished in Mathematics

Roll no.	*Name of candidate.*	*Name of College.*	*Passed in division.*
1386	Premvada Harinarain ..	Isabella Thoburn College, Lucknow.	III
1387	Queenie Millicent Higgins ..	ditto ..	III
1388	Rajkumari Bhatnagar ..	ditto ..	III
1391	Shanta Vasudev Sukhtankar ..	ditto ..	I
1392	Sushila Lilavati Charan ..	ditto ..	II
1393	Tara David	ditto ..	II
1394	Violet Irene Higgins	ditto ..	II
	Taking additional subjects.		
1395	Rajani Probha Das	Isabella Thoburn College, Lucknow.	Passed in Phy. Chy. and Bio.
1397	Abdul Wali Qidwai	Government Jubilee Intermediate College, Lucknow.	III
1398	Ahmad Ullah Siddiqi ..	ditto ..	III
1399	Anwar Husain Qureshi ..	ditto ..	II
1400	Bhagwati Prasad Sinha ..	ditto ..	III
1401	Braj Krishna Zutshi	ditto ..	III
1402	Chandra Kumar Dikshit ..	ditto ..	III
1403	Chandrika Prasad Tandon ..	ditto ..	II
1405	Hari Swarup Tripathi ..	ditto ..	II
1407	Mani Dhar Mehta	ditto ..	II
1411	Rama Shankar Tripathi ..	ditto ..	II
1413	Saiyid Muhammad Baqar ..	ditto ..	II
1414	Saiyid Ajmal Husain ..	ditto ..	III
1415	Saiyid Haidar Abbas ..	ditto ..	III
1417	Shyam Manohar Rastogi ..	ditto ..	III
1418	Sitla Prasad Avasthi	ditto ..	III
1420	Bishambar Nath Srivastava ..	ditto ..	II
1422	Jadu Das Mukerjee	ditto ..	II
1423	Jagdamba Prasad Mathur ..	ditto ..	II
1424	Jagmohan Nath Kaul ..	ditto ..	II
1425	Krishna Behari Tandon* ..	ditto ..	I
1426	Krishna Dayal Srivastava ..	ditto ..	III
1427	Muhammad Hamid Siddiqi ..	ditto ..	II
1428	Narain Prasad Mathur ..	ditto ..	II
1429	Nand Lal Kapoor	ditto ..	III
1430	Oudh Behari Shukla	ditto ..	III
1431	Padam Chand Srimal ..	ditto ..	II

* NOTE.—Distinguished in Physics.

Roll no.	Name of candidate.	Name of College.	Passed in division.
1432	Raj Narain Verma*	Government Jubilee Intermediate College, Lucknow.	I
1434	Ram Narain Lal Gupta ..	ditto ..	II
1435	Satish Chandra Asthana ..	ditto ..	III
1436	Someshwar Datt Bajpai ..	ditto ..	III
1437	Saiyid Zahir Hasan	ditto ..	III
1438	Tirbhawan Nath Vyas ..	ditto ..	I
1439	Baldeo Prasad Khare ..	Shia Intermediate College, Lucknow.	III
1440	Baqar Husain	ditto ..	III
1441	Iltifat Husain	ditto ..	III
1447	Muhammad Abdul Karim ..	ditto ..	III
1451	Muhammad Hadi	ditto ..	III
1452	Narain Prakash Srivastava ..	ditto ..	III
1460	Saiyid Hasan Zaki Kintoori ..	ditto ..	III
1465	Saiyid Muhammad Jafar ..	ditto ..	III
1472	Saiyid Rifaqat Husain Naqvi ..	ditto ..	III
1473	Siddiq Ahmad	ditto ..	III
1474	Shyamnath Srivastava ..	ditto ..	III
1475	Saiyid Yusuf Husain Rizavi ..	ditto ..	III
1476	Zainul Abdin	ditto ..	III
1477	Clifford Kennaway Wilson ..	La Martiniere College, Lucknow.	II
1478	Cyril Alexander Park Wight ..	ditto ..	III
1479	Denzil Stanley Charleston ..	ditto ..	II
1480	Harold Bunyan Wittenbaker ..	ditto ..	II
1483	Puran Chandra Rae	ditto ..	II
1484	Thomas Henry Vanderveldeu ..	ditto ..	III
1485	Abdul Rahim Khan	Lucknow Christian College, Lucknow.	III
1486	Achal Bihari Lal	ditto ..	III
1489	Avadhesh Narain Srivastava ..	ditto ..	III
1490	Avadh Nandan Saran Srivastava	ditto ..	III
1491	Awanti Lal Loomba	ditto ..	II
1494	Brij Narayan Saksena ..	ditto ..	III
1495	Charles Malcolm Revis ..	ditto ..	II
1497	Ehtesham Ali Siddiqi ..	ditto ..	II
1498	Eric Charan	ditto ..	III
1499	Ernest Victor de la Croix ..	ditto ..	III
1509	Jagat Prakash Agarwal ..	ditto ..	III
1513	Kedar Nath Gupta	ditto ..	III

* NOTE.—Distinguished in Mathematics, Physics and Chemistry.

Roll no.	*Name of candidate.*	*Name of College.*	*Passed in division.*
1516	Lukshmi Narain	Lucknow Christian College, Lucknow.	III
1518	Mathura Prasad Mahendra ..	ditto ..	III
1522	Mohammad Azeem	ditto ..	II
1525	Murli Manohar Gurtu ..	ditto ..	II
1526	Norman Raphael Daniel Pant ..	ditto ..	III
1527	Percival Clifford	ditto ..	III
1529	Prem Narain Saksena ..	ditto ..	III
1530	Purushottam Lal Bhargava ..	ditto ..	III
1531	Radhey Raman Lal Saksena ..	ditto ..	III
1532	Rama Nand Sharma	ditto ..	III
1533	Ram Asray Misra	ditto ..	II
1534	Ram Bahadur	ditto ..	III
1537	Raza Husain	ditto ..	II
1541	Sarju Prasad Varma	ditto ..	III
1542	Satyendranath Sanyal ..	ditto ..	III
1543	Shahid Ali	ditto ..	III
1544	Shankar Dayal Khare ..	ditto ..	III
1545	Santi Narayan Saksena ..	ditto ..	II
1546	Sheo Sahai Saksena	ditto ..	III
1547	Shiam Behari Lal	ditto ..	III
1551	Sudhangshu Banerji	ditto ..	III
1556	Tarak Nath Kapur	ditto ..	III
1558	Vishwa Nath Tandon ..	ditto ..	III
1559	Amor Nath Roy	ditto ..	II
1560	Amar Nath Shah	ditto ..	II
1561	Amir Singh	ditto ..	II
1564	Ayodhiya Nath Srivastava ..	ditto ..	III
1566	Benoy Kumar Dutta	ditto ..	III
1567	Bhagwati Prasad Rajyavaidi ..	ditto ..	II
1568	Birbal Sharma	ditto ..	II
1571	Brij Bhusan Kak	ditto ..	III
1573	Brij Mohan Sharma Visharada ..	ditto ..	II
1574	Daya Shanker Varma ..	ditto ..	II
1575	Deoki Nandan Chowdhry ..	ditto ..	III
1576	Dwarka Prasad Srivastav ..	ditto ..	II
1577	Gajadhar Prasad Srivastava ..	ditto ..	II
1578	Gauri Dayal Shinghal ..	ditto ..	III
1579	Gaya Prasad Dwivedi ..	ditto ..	III
1581	Girja Shankar Saksena ..	ditto ..	III
1582	Govind Ballabh Misra ..	ditto ..	III
1583	Gyan Prakash	ditto ..	III

Roll no.	*Name of candidate.*	*Name of College.*	*Passed in division.*
1584	Hafiz-ur-Rahman Qidwai ..	.. Lucknow Christian College, Lucknow.	III
1585	Harkrishna Das	ditto ..	II
1586	Hari Krishna Rastogi* ..	ditto ..	II
1587	Har Swarup Jain	ditto ..	II
1588	Hartwell Prescott Singh ..	ditto ..	III
1590	Jagan Nath Jaiswal	ditto ..	II
1591	Jagat Money	ditto ..	III
1592	Jagdish Behari Lal Mathur ..	ditto ..	III
1593	Jagdish Chandra	ditto ..	II
1594	Jagdish Chandra Ghosal ..	ditto ..	III
1595	Jagdish Narain Kapur ..	ditto ..	II
1596	Jagdish Prasad Srivastava ..	ditto ..	III
1597	Jai Datt Patial	ditto ..	II
1598	Jai Sarup Jain	ditto ..	II
1599	Jamna Shankar Avasthi ..	ditto ..	III
1600	Jogindra Kumar Banerji ..	ditto ..	II
1601	John Wesley Anyonyam Narsaya	ditto ..	II
1602	Jwala Prasad Taruk (Jain) ..	ditto ..	III
1603	Khushi Ram Marwaha ..	ditto ..	II
1604	Krishn Rao Anand Rao Taore ..	ditto ..	III
1606	Lakshmi Narain Saksena ..	ditto ..	III
1607	Manohar Lal Bhatia ..	ditto ..	II
1608	Misih Charan Singh ..	ditto ..	III
1609	Mithila Sharan Singh ..	ditto ..	III
1611	Murari Lal Srivastava ..	ditto ..	III
1613	Nirapada Chowdhury ..	ditto ..	II
1614	Omesh Prasad ..	ditto ..	II
1615	Onkar Nath Dheer ..	ditto ..	III
1616	Piarey Lal Misra ..	ditto ..	III
1617	Prem Nath Wahi ..	ditto ..	II
1618	Raghubir Singh Bist ..	ditto ..	III
1619	Rajbir Prasad Saksena ..	ditto ..	II
1621	Ram Das Jaiswal	ditto ..	II
1623	Ram Narain Lal Saini ..	ditto ..	II
1625	Sambhu Nath Tandon ..	ditto ..	III
1627	Shiam Lal Pal	ditto ..	III
1628	Sri Narain Asthana	ditto ..	II
1630	Syed Rashid Ahmad Razzaqui ..	ditto ..	II
1631	Tirloki Nath Sinha ..	ditto ..	II
2962	Amulya Chandra Banerji ..	ditto ..	II

*NOTE.—Distinguished in Chemistry.

Roll no.	*Name of candidate.*	*Name of College.*	*Passed division.*
	Compartmental (Under Regulation 18, Chapter XII of the Board's Regulations).		
1634	Bipin Bihari Sinha ..	.. Lucknow Christian College, Lucknow.	Passed.
1636	Athar Yusuf ..	..Kanyakubj Intermediate College, Lucknow.	III
1637	Avadh Kishore Misra ..	ditto ..	III
1638	Bhagwan Din Sharma ..	ditto ..	III
1639	Birj Kishore Saksena ..	ditto ..	III
1644	Iqbal Krishna Choudhry ..	ditto ..	III
1647	Jageshwar Prasad Pathak ..	ditto ..	III
1650	Jugal Kishore Rastogi ..	ditto ..	III
1651	Kailash Chandra Misra ..	ditto ..	III
1653	Kashi Nath Tandon ..	ditto ..	III
1654	Kedar Nath Misra ..	ditto ..	III
1657	Lok Nath Pandey ..	ditto ..	III
1658	Mohan Singh ..	ditto ..	III
1661	Ram Bahori Shukla ..	ditto ..	II
1662	Ram Dulare Misra ..	ditto ..	III
1664	Rameshwar Dayalu Dwivedi ..	ditto ..	III
1665	Sardar Singh ..	ditto ..	III
1669	Uma Shankar Bajpai ..	ditto ..	II
1670	Abdul Qawi Ansari	Meerut College, Meerut.	II
1674	Anant Peishad	ditto ..	II
1676	Asa Ram Jain	ditto ..	II
1679	Badri Prasad Gupta ..	ditto ..	III
1683	Bashir Uddin	ditto ..	III
1691	Bijoy Kumar Bose	ditto ..	III
1693	Bir Sen Yadava	ditto ..	
1694	Brij Mohan Chaturvedi ..	ditto ..	III
1695	Chaman Lal Goyal	ditto ..	II
1696	Chandra Kumar Jain ..	ditto ..	III
1697	Chattar Sain Garg	ditto ..	II
1699	Damodar Das	ditto ..	III
1700	Darshan Dayal Shinghal ..	ditto ..	III
1705	Gokal Chand	ditto ..	III
1706	Gurdat Ram Khanna ..	ditto ..	III
1708	Harish Chandra	ditto ..	III
1709	Harish Chandra Sharma Kalavatia	ditto ..	III
1712	Jagdish Prasad Chaturvedi ..	ditto ..	III

Roll no.	Name of candidate.	Name of College.	Passed in division.
1713	Jainti Prasad Jain	Meerut College, Meerut.	III
1714	Jai Prakash Chandra.. ..	ditto ..	II
1717	Karan Singh Sharma ..	ditto ..	III
1719	Krishna Chandra	ditto ..	III
1721	Lalta Prasad	ditto ..	III
1722	Mahabeer Singh	ditto ..	III
1723	Mani Shanker Sharma ..	ditto ..	III
1725	Muhammad Islam Majeed Khan Zubairy.	ditto ..	III
1726	Muhammad Sabir	ditto ..	II
1727	Mukhtar Ahmad Quddusi ..	ditto ..	III
1731	Pitamber Das	ditto ..	II
1734	Prahlad Singh Verma ..	ditto ..	III
1736	Rabindra Nath Banerji ..	ditto ..	II
1737	Raghubir Narain	ditto ..	III
1739	Raghunandan Swarup Goel ..	ditto ..	II
1740	Razi Uddin	ditto ..	III
1741	Raghunath Prasad Kapoor ..	ditto ..	III
1745	Raj Narain Sharma	ditto ..	III
1751	Satya Charan Varma.. ..	ditto ..	II
1752	Shambhu Dayal Yadava ..	ditto ..	III
1758	Shrish Chandra	ditto ..	II
1761	Suraj Prakash Mushran ..	ditto ..	III
1763	Tara Chandra Sharma ..	ditto ..	III
1766	Ujagar Mal Jain	ditto ..	III
1768	Vishnu Singh	ditto ..	III
1771	Anand Swarup Dublish ..	ditto ..	II
1774	Bhagwat Swarup	ditto ..	II
1776	Bisheshar Dayal Mittal ..	ditto ..	II
1778	Brahma Swarup	ditto ..	I
1779	Chandra Mohan Lal Bhatnagar..	ditto ..	II
1781	Darrel Alwyn Walters ..	ditto ..	II
1782	Ganpati Prashad Sharma ..	ditto ..	II
1783	Gopal Sarup Mathur	ditto ..	III
1786	Jagat Prakash Agarwala ..	ditto ..	II
1787	Jagdish Prasad	ditto ..	III
1788	Jagdish Prasad Vaish ..	ditto ..	III
1789	Jageshwar Dayal Vaish ..	ditto ..	II
1791	Jai Shankar	ditto ..	II
1792	Jwala Nath Agarwal.. ..	ditto ..	II
1793	Jyoti Prasad	ditto ..	III

Roll no.	*Name of candidate.*	*Name of College.*	*Passed in division.*
1794	Kailash Chandra Mittal ..	Meerut College, Meerut.	II
1795	Kailash Narayan Mathur ..	ditto ..	II
1796	Kailash Prakash Gupta* ..	ditto ..	I
1798	Krishna Swarup	ditto ..	II
1799	Lakshmi Chand Sharma ..	ditto ..	II
1803	Mul Chand	ditto ..	III
1804	Murari Lal	ditto ..	I
1805	Nand Kishore	ditto ..	II
1806	Parmatma Saran	ditto ..	II
1808	Prahlad Singh Gupta.. ..	ditto ..	III
1809	Prakash Chand Ahuja ..	ditto ..	II
1811	Pravanshu Kumar Roy ..	ditto ..	II
1813	Radhey Mohan Mathur ..	ditto ..	II
1814	Raghubir Singh*	ditto ..	I
1815	Raja Ram Jain	ditto ..	II
1816	Rajendra Narain Mathur ..	ditto ..	II
1818	Roop Chandra Vaish.. ..	ditto ..	III
1819	Satya Prakash	ditto ..	III
1820	Satish Chaudra Gupta ..	ditto ..	I
1821	Shahmal Singh Verma ..	ditto ..	III
1822	Shiv Prasad	ditto ..	II
1823	Shyam Sunder Lal	ditto ..	II
1824	Sita Ram Johri	ditto ..	II
1825	Sumer Singh Varma	ditto ..	I
1829	Trilok Chand Gupta	ditto ..	II
1830	Tulshi Ram	ditto ..	III

Compartmental—(Under Regulation 18, Chapter XII of the Board's Regulations).

1832	Jagat Prasad	Meerut College, Meerut.	Passed
1833	Mohammad Jamil	ditto ..	Passed
1834	Rameshwar Dayal	ditto ..	Passed
1836	Allah Dad Khan	Government Intermediate College, Moradabad.	II
1838	Daulat Singh	ditto ..	III
1840	Jagdish Kumar Recriwal ..	ditto ..	II
1841	Lajpat Rai Sharma	ditto ..	II
1842	Madan Mohan Saksena ..	ditto ..	III

* NOTE.—Distinguished in Mathematics.

Roll no.	Name of candidate.	Name of College.	Passed in division.
1843	Madan Mohan Sharma ..	Government Intermediate College, Moradabad.	III
1844	Muhammad Abdul Ghayur Siddiqi.	ditto ..	III
1847	Mushtaq Ahmad Qureshi ..	ditto ..	III
1851	Saiyid Muhammad Idris Rizwi ..	ditto ..	II
1853	Shardanandan Singh ..	ditto ..	III
1854	Stanley Hermit	ditto ..	III
1856	Zia-ul-Hasan Siddiqi ..	ditto ..	II
1857	Zulfiqar Ali	ditto ..	II
1858	Amjad Ali Khan	ditto ..	III
1859	Anirudha Kumar	ditto ..	II
1861	Beni Das	ditto ..	III
1862	Gopi Shyam Saksena.. ..	ditto ..	II
1863	Harish Chandra Asthana ..	ditto ..	II
1864	Jyoti Swarup Mathur ..	ditto ..	III
1865	Krishna Chandra Mathur ..	ditto ..	III
1866	Krishna Prasad Buddhist ..	ditto ..	III
1868	Mashuq Ali	ditto ..	III
1869	Munna Lal Shukla	ditto ..	II
1870	Prem Narain	ditto ..	III
1871	Prem Prakash Agarwal ..	ditto ..	III
1872	Raj Bahadur Pande	ditto ..	II
1874	Saiyid Khusnud Ahmad ..	ditto ..	III
1875	Shamsher Bahadur Khare ..	ditto ..	II
1876	Shib Sharan	ditto ..	III
879	Basdeo Sahaya Jain	N. R. E. C. Intermediate College, Khurja.	III
1882	Dalip Chandra Gupta ..	ditto ..	III
1884	Dhoom Behari Lal	ditto ..	III
1885	Debi Sahai Gupta	ditto ..	III
1886	Ghasi Ram Sharma	ditto ..	III
1888	Hira Lal	ditto ..	III
1890	Jyoti Prasad Sharma.. ..	ditto ..	III
1891	Keshava Prasad Govil ..	ditto ..	III
1892	Krishana Kunwar Mathur ..	ditto ..	III
1893	Lakhpat Singh	ditto ..	III
1894	Lakshmi Narain Sharma ..	ditto ..	III
1898	Munni Lal Sharma	ditto ..	III
1901	Niaz Ahmad	ditto ..	II

Roll no.	*Name of candidate.*	*Name of College.*	*Passed in division.*
1902	Niranjan Lal Jain	N. R. E. C. Intermediate College, Khurja.	III
1905	Ram Chandra Singh ..	ditto ..	III
1906	Ram Charan	ditto ..	III
1909	Shri Ram	ditto ..	II
1911	Surendra Singh Rawal ..	ditto ..	III
1913	Yadav Chandra	ditto ..	III
1918	Data Ram Mital*	ditto ..	II
1919	Ganga Dhar Bharadwaj† ..	ditto ..	II
1920	Hans Raj Sethi	ditto ..	III
1921	Hari Ram Gupta	ditto ..	II
1924	Kanshi Ram Gupta	ditto ..	II
1926	Kripa Shanker Mathur ..	ditto ..	II
1927	Madho Prasad Gupta ..	ditto ..	II
1929	Prem Shankar	ditto ..	II
1930	Pyare Lal Singhal	ditto ..	II
1931	Raghunandan Lal	ditto ..	II
1932	Ram Chandra Gupta.. ..	ditto ..	II
1933	Rameshwar Dayal Gupta ..	ditto ..	II
1934	Satya Narain Singh	ditto ..	II
1935	Sheel Chand Agarwala ..	ditto ..	II
1936	Shiva Charan Lal Sharma ..	ditto ..	III
1937	Abdul Muntazim Khan ..	S. S. M. Intermediate College, Chandausi.	III
1939	Bhagwat Saran Agrawal ..	ditto ..	II
1940	Bishan Swarup	ditto ..	III
1941	Dharma Vir	ditto ..	II
1943	Hori Lal Mair	ditto ..	III
1944	Jagdish Sahaya Mathur ..	ditto ..	III
1945	Jagdishwar Saran Gupta ..	ditto ..	II
1947	Jagmohan Lal	ditto ..	II
1949	Jyoti Prasad Agrawala ..	ditto ..	III
1950	Madan Lal Varshney ..	ditto ..	III
1951	Mai Dayal Saksena	ditto ..	III
1952	Matru Lal	ditto ..	III
1953	Muhammad Inam Ullah Khan ..	ditto ..	III
1954	Mul Chandra Saxena ..	ditto ..	II

*NOTE.—Distinguished in Mathematics.

†NOTE.—Distinguished in Chemistry.

Roll no.	Name of candidae.	Name of College.	Passed in division.
1956	Piare Lal Gupta* ..	.. S. S. M Intermed a'e College, Chandausi.	I
1957	Rajbir Singh ..	.. ditto ..	III
1959	Sabir Husain Qadri ..	.. ditto ..	III
1960	Shanker Lal Mehrotra	.. ditto ..	II
1961	Shanti Prasad† ..	.. ditto ..	I
1964	Sri Ram Sharma ..	.. ditto ..	III
1967	Bal Swarup Sarin ..	.. Government College, Ajmer.	III
1969	Gopal Swarup Varma	.. ditto ..	III
1970	Ghulam Jilani Khan Kamalzai	.. ditto ..	III
1971	Ghulam Mohy-ud-din Quraishi	.. ditto ..	III
1972	Har Krishna Das Mehrey	.. ditto ..	III
1974	Hem Sinha Rathor ..	.. ditto ..	III
1975	Hira Lal Nagar ..	.. ditto ..	II
1977	Jai Karan ..	.. ditto ..	II
1978	K. Daulat Singh Rathor	.. ditto ..	III
1979	Kedar Nath Aggarwal ..	.. ditto ..	III
1980	Kishan Lal Jain ..	.. ditto ..	III
1981	Madan Singh Chajer ..	.. ditto ..	III
1982	Manohar Lal Shukla ..	.. ditto ..	III
1983	Muhammad Ismail Khan	.. ditto ..	III
1985	Mool Chand Asava ..	.. ditto ..	III
1988	Prem Narain Kapur ..	.. ditto ..	II
1989	Purushottam Das Khanna ..	.. ditto ..	III
1990	Ramnik Lal Mehta ..	.. ditto ..	III
1992	Samuel Vincent John..	.. ditto ..	III
1993	Seeta Ram Gupta ..	.. ditto ..	III
1994	Shree Krishna Jindel..	.. ditto ..	III
1997	Syed Murtaza Hussain	.. ditto ..	III
1999	Umaid Singh Mehta ..	.. ditto ..	III
2001	Ariel Sharman ..	.. ditto ..	II
2002	Bhagwati Prasad Tiwari	.. ditto ..	II
2003	Bomonshaw Dossabhoy	.. ditto ..	III
2007	Kazi Abdur Rahman ..	.. ditto ..	II
2008	Krishna Behari Lal Endley*	.. ditto ..	II
2010	Mahesh Prasad Bhatnagar‡	.. ditto ..	II
2012	Murli Manohar Lal ..	.. ditto ..	II
2014	Navin Chandra Sharma	.. ditto ..	II
2016	Santosh Kumar Dey Biswas	.. ditto ..	II

*NOTE.—Distinguished in Chemistry.
† NOTE.—Distinguished in Mathematics and Physics.
‡ NOTE.—Distinguished in Physics.

Roll no.	Name of candidate.	Name of College.	Passed in division.
	Compartmental under (Regulation, 18 Chapter XII).		
2017	Lala Mangi Lal	Government College, Ajmer.	Passed.
2018	Ram Chandra Basi	..	Passed.
2020	Kaloo Lal Shreemali	Maharana's College, Udaipur.	III
2021	Krishna Chandra Shrotri ..	ditto ..	II
2024	Mohammad Waheed ud-din ..	ditto ..	II
2026	Moti Lal Shrotri	ditto ..	III
2030	Sadik Ali	ditto ..	II
2033	Takhat Singh Bhatnagar ..	ditto ..	III
2035	Deen Dayal Bhargava ..	ditto ..	II
2036	Ganesh Lal Dashora	ditto ..	II
2039	Hira Lal Gandhi	ditto ..	III
2042	Maloom Sinha Dalal	ditto ..	II
2043	Moti Lal Menaria	ditto ..	II
2044	Onkar Lal Dadeech*	ditto ..	I
2045	Ram Singh Rathor	ditto ..	III
2046	Ratan Lal Agarwal	ditto ..	III
2047	Tripura Dass Mathur	ditto ..	III
2048	Zoravar Mall Kavdia	ditto ..	II
2051	Baij Nath Tewari	Victoria College, Lashkar.	III
2053	Balkrishna Chintaman Kale* ..	ditto ..	I
2055	Binoybhushan Chatterji ..	ditto ..	II
2060	Bishan Saran Shrivastava ..	ditto ..	II
2061	Chandra Son Ganpat Rao Mahadik. ..	ditto ..	III
2065	Dattatraya Ramchandra Naik ..	ditto ..	III
2067	Deorao Balwantrao Bhandaray ..	ditto ..	III
2072	Gauri Shanker Saksena ..	ditto ..	III
2075	Ishwari Prasad Mathur ..	ditto ..	III
2077	Kashinath Narayan Rao Ghangrekar. ..	ditto ..	III
2081	Kripal Singh	ditto ..	II
2082	Krishnarao Ghansham Bakshi ..	ditto ..	II
2083	Krishnaji Raghunath Athawale ..	ditto ..	III
2086	Madhava Vinayak Revdikar ..	ditto ..	III
2088	Mahadeo Prasad Saksena ..	ditto ..	II
2090	Milap Chandra Dube ..	ditto ..	II

* NOTE —Distinguished in Chemistry.

Roll no.	Name of candidate.	Name of College	Passed in division
2093	Mool Chandra Saxena ..	Victoria College Lashkar.	III
2100	Nishikant Laxman Khanolker ..	ditto ..	III
2104	Raghunath Vishnu Shirdhonker ..	ditto ..	III
2105	Raghunath Vishvanath Barve ..	ditto ..	III
2110	Ramkrishna Bhalchandra Kale ..	ditto ..	III
2117	Shriniwas Vyasacharya Gajendragadker.	ditto ..	III
2120	Sita Ram Agarwal	ditto ..	III
2121	Sita Ram Sharma	ditto ..	III
2124	Syed Alay Nabi Qureishy ..	ditto ..	III
2128	Vidyadhar Keshao Gore ..	ditto ..	II
2134	Waman Vinayak Bapat ..	ditto ..	III
2136	Amrut Sheorao Dikshit ..	Indore Christian College, Indore.	III
2137	Anant Ramchandra Kajwadkar ..	ditto ..	III
2138	Badrinarayan Devisingh Inamya..	ditto ..	III
2139	Badrinarayan Mohta ..	ditto ..	III
2140	Baliram Pandhari Patil ..	ditto ..	III
2141	Balwant Sakharam Deshmukh ..	ditto ..	III
2144	Basant Bal Bobra	ditto ..	III
2146	Bhagwant Gopal Moharir ..	ditto ..	III
2147	Bhaiyalal Rajoria	ditto ..	II
2148	Bhalchandra Nemiwant Deshpande	ditto ..	III
2150	Bhaskar Ramchandra Deshpande..	ditto ..	II
2151	Bhawani Singh	ditto ..	III
2152	Bindoomadheo Ganesh Niranter ..	ditto ..	III
2153	Chain Singh Sisodia	ditto ..	III
2156	Chhagan Vedoo Wajpai ..	ditto ..	III
2157	Chintaman Damodar Joshi ..	ditto ..	III
2158	Dattatraya Haribhan Zadgaonkar	ditto ..	II
2159	Dattatraya Keshoo Shintre ..	ditto ..	III
2163	Eknath Bapurao Shinde ..	ditto ..	III
2164	Eleazar Bhagwan Dass ..	ditto ..	III
2165	Ganesh Krishna Khare ..	ditto ..	III
2166	Ganpat Suryabhan Bole ..	ditto ..	III
2167	Gauri Shankar Sharma ..	ditto ..	III
2168	Govardhan Singh Rao.. ..	ditto ..	III
2169	Govindrao Sitaramji Bhagat ..	ditto ..	III
2171	Hanamant Govind Jattare ..	ditto ..	III
2172	Hari Sakharam Deshmukh ..	ditto ..	III
2173	Hari Yadav Mishal	ditto ..	III

Roll no.	*Name of candidate.*	*Name of College.*	*Passed in division*
2174	Jagannath Gopalrao Gadkari ..	Indore Christian College, Indore.	II
2175	Jagannath Prasad Sharma ..	ditto ..	III
2177	Jayaram Vyankatesh Pallewar ..	ditto ..	III
2179	(Miss) Kamala Narhar Joshi ..	ditto ..	III
2181	Kanhaiyalall Gajanan Pandit ..	ditto ..	III
2183	Kashi Prasad Urmil.. ...	ditto ..	III
2184	Kishorilal Dikshit	ditto ..	III
2186	Krishna Vallabh Dwivedi ..	ditto ..	II
2189	Laxman Vishnu Deshpande ..	ditto ..	II
2193	Mahadeo Prasad Kaushal ..	ditto ..	II
2195	Manasaram Waman Patil ..	ditto ..	III
2198	Narayan Gopal Chiney ..	ditto ..	III
2199	Narayan Laxman Ratna Parkhi ..	ditto ..	III
2203	Pandurang Mahadeo Borikar ..	ditto ..	III
2207	Premchand Champalal Jain ..	ditto ..	III
2212	Ramchandra Vithal Bade ..	ditto ..	III
2213	Ram Prasad Simha	ditto ..	III
2214	Ramrao Shivaram Shastri ..	ditto ..	III
2216	Ranchhor Lal Gupta	ditto ..	II
2217	Renukadas Vyankatesh Pande ..	ditto ..	III
2218	Sadashiva Ramkrishna Joshi ..	ditto ..	III
2219	Sakharam Balkrishna Kulkarni ..	ditto ..	III
2220	Shalig Ram Acharya	ditto ..	III
2222	Shankar Keshao Dighe ..	ditto ..	III
2224	Shioram Motisao Dahake ..	ditto ..	III
2226	Shridhar Keshav Dongre ..	ditto ..	III
2227	Shripad Trimbakrao Galgalikar ..	ditto ..	II
2229	Shyamlal Shankerlal Gupta ..	ditto ..	III
2233	Trimbak Sakharam Shukla ..	ditto ..	III
2234	Trimbak Yadeorao Pande ..	ditto ..	III
2235	Tryambak Sadashiv Phade ..	ditto ..	III
2236	Tukaram Narayan Jakate ..	ditto ..	III
2237	Tukaram Pant Gujraty ..	ditto ..	III
2238	Uchhab Lal Vyas	ditto ..	III
2241	Vinayak Tukaramji Wankhede ..	ditto ..	III
2242	Vishwanath Gopal Gadkari ..	ditto ..	II
2243	Vishwanath Ramchandra Gokhale	ditto ..	II
2249	Abdul Lateef Khan ..	Holkar College, Indore.	III
2250	Aqil Muhammad Khan ..	ditto ..	III
2255	Bihari Lal Nand Lal Nigam ..	ditto ..	III

Roll no.	Name of candidate.	Name of College.	Passed in division.
2255	Brijnath Sahai Shrivastava ..	Holkar College, Indore.	III
2256	Dattatraya Keshao Rao Yarday ..	ditto ..	III
2257	Dattatraya Prabhakar Rajwade ..	ditto ..	III
2260	Ganesh Bajirao Atre	ditto ..	III
2264	Gopal Balwant Holkar ..	ditto ..	III
2265	Govind Hari Dande	ditto ..	III
2266	Govind Purshottam Patankar ..	ditto ..	III
2272	Harnath Sinha Mehta ..	ditto ..	III
2273	Jugal Kishore Joshi	ditto ..	III
2277	Mankameshwar Nath Zutshi ..	ditto ..	III
2278	Monohar Narayan Rao Burse ..	ditto ..	III
2279	Muhammad Tafazzul Husain ..	ditto ..	III
2280	Moti Lal Nigam ..	ditto ..	III
2282	Narhar Ganesh Gandhe ..	ditto ..	III
2284	Narayan Raghunath Paithankar..	ditto ..	III
2287	Narhari Rambhau Puranik ..	ditto ..	III
2288	Prabhudayal	ditto ..	III
2291	Ramkrishna Tikaram Mishra ..	ditto ..	III
2292	Ratan Lal Bhagherwal ..	ditto ..	III
2294	Sadashiva Ramchandra Joshi ..	ditto ..	III
2295	Sahebrai Govindrai Kanungo ..	ditto ..	III
2296	Sayed Mahboob Ali	ditto ..	III
2297	Shanker Ganpatrao Pathak ..	ditto ..	III
2298	Shankar Govind Naik ..	ditto ..	III
2300	Sheikh Muhammad Zakir ..	ditto ..	III
2302	Shriram Hanumant Chandwaskar.	ditto ..	III
2303	Surendranath Srikrishna Shastri	ditto ..	III
2305	Tejkaran Kishanlal Joshi ..	ditto ..	III
2308	Vasantrao Shankarrao Savant ..	ditto ..	III
2309	Vasudeo Ganesh Pathak ..	ditto ..	III
2310	Vinayak Anand Reghe ..	ditto ..	III
2311	Vinayak Mangesh Rege ..	ditto ..	III
2312	Vishnoo Shankar Kedkar ..	ditto ..	III
2313	Vishnu Anant Namjoshi ..	ditto ..	II
2314	Vishwanath Vasudeo Ayachit ..	ditto ..	III
1923	Bhaskar Madho Athalye ..	ditto ..	II
2320	Bhaskar Wasudeo Tilloo ..	ditto ..	III
2321	Bibhuty Kumar Chatterjee ..	ditto ..	III
2322	Chhaganlal Kesharichandra Lad	ditto ..	II
2324	Dattatraya Kashinath Rojindar	ditto ..	III

Roll no.	*Name of candidate.*	*Name of College.*	*Passed in division.*
2323	Harbans Singh Johar ..	Holkar College, Indore.	III
2331	Krishna Ganesh Namjoshi ..	ditto ..	II
2335	Laxminarayan Gopal Singh Varma.	ditto ..	II
2336	Mahadeo Ramachandra Rudra ..	ditto ..	II
2339	Malhar Pandurang Avadhoot ..	ditto ..	II
2341	Narayan Moreshwar Karandikar ..	ditto ..	II
2342	Narayan Shriniwas Dravid ..	ditto ..	II
2343	Narayan Vyankatesh Karanjkar	ditto ..	II
2344	Nathoolal	ditto ..	II
2346	Phoolchand Motilal Gangrade ..	ditto ..	II
2347	Prithvi Raj Sharma	ditto ..	II
2348	Pundarik Govind Apte ..	ditto ..	III
2349	Raghunath Gajanan Naphade ..	ditto ..	II
2353	Sadashio S. Borgaonkar ..	ditto ..	III
2354	Sakharam Amrut Khargonkar ..	ditto ..	III
2355	Shridhar Rao Kadam	ditto ..	II
2357	Shrikrishna Shaligram Gupta ..	ditto ..	II
2358	Shriniwas Ramachandra Manurkar.	ditto ..	II
2360	Vishnu Ganesh Karambelkar ..	ditto ..	II
2364	Yeshwant Govind Hartalkar ..	ditto ..	III
2365	Yeshwant Vaman Dingankar ..	ditto ..	II
2366	Ambika Prasad Sharma ..	Maharaja's Intermediate College, Jaipur.	III
2368	Anjani Kumar Tewari ..	ditto ..	II
2369	Bhagwat Prasad Agarwala ..	ditto ..	II
2371	Bhonri Lal Patni	ditto ..	III
2374	Bimal Chandra Mukerji ..	ditto ..	II
2376	Bunay Singh	ditto ..	III
2379	Deoki Nandan Sharma ..	ditto ..	III
2380	Gajendra Prasad Agarwala ..	ditto ..	III
2383	Gopal Sahay Mathur	ditto ..	III
2384	Gopi Chand Jain	ditto ..	III
2385	Gopi Chand Sogani	ditto ..	III
2387	Gulab Chandra Kasliwal ..	ditto ..	III
2388	Hanuman Prasad Purohit ..	ditto ..	III
2391	Jag Mohan Prasad Saksena ..	ditto ..	III
2392	Jai Singh Rathore	ditto ..	III
2396	Krishna Behari Lal Nigam ..	ditto ..	III

Roll no.	*Name of candidate.*	*Name of College.*	*Passed in division.*
2397	Krishna Nand Sharma	.. Maharaja's Intermediate College, Jaipur.	III
2401	Mahendra Sharma	.. ditto ..	III
2402	Man Mohan Lal Mathur	.. ditto ..	III
2403	Manohar Lal ..	.. ditto ..	III
2404	Mehtab Chand Mathur	.. ditto ..	II
2405	Mirza Abrar Husain ..	.. ditto ..	III
2406	Misri Lal Mathur ..	.. ditto ..	III
2408	Muhammad Salim Qureshy	.. ditto ..	III
2409	Mukund Ram Pandya..	.. ditto ..	III
2410	Munshi Singh Tomar ..	.. ditto ..	III
2413	Nathu Lal Sharma ..	. ditto ..	III
2414	Nav Ratan Singh ..	.. ditto ..	III
2415	Prabhu Narain Mathur	.. ditto ..	III
2416	Puran Chand Jain (Luhadia)	.. ditto ..	III
2417	Puran Chand Srivastava	.. ditto ..	III
2418	Raghubir Singh Gour..	.. ditto ..	III
2420	Ram Chandra Mundra	.. ditto ..	III
2422	Ram Kishore Sharma ..	.. ditto ..	III
2423	Ram Narayan Mathur	.. ditto ..	III
2424	Ranbir Singh Verma ..	.. ditto ..	III
2425	Sham Sunder Lal Mathur	.. ditto ..	III
2426	Sajjad Husain ..	.. ditto ..	III
2428	Shiva Kumar Ojha ..	.. ditto ..	III
2429	Shiv Prasad Shrivastava	.. ditto ..	III
2434	Suresh Chandra Kasliwal	.. ditto ..	III
2435	Syed Hamid Ali ..	.. ditto ..	III
2436	Alauddin	.. ditto ..	II
2437	Badri Narain Sharma..	.. ditto ..	III
2441	Gopesh Kumar Ojha ..	.. ditto ..	III
2442	Gurdit Singh ..	.. ditto ..	II
2443	Hans D. Rae ..	.. ditto ..	III
2445	Mahesh Prasad ..	.. ditto ..	III
2450	Prem Dass Agarwal ..	.. ditto ..	II
2451	Ram Bilas Maheswari	.. ditto ..	II
2452	Ram Gopal Chaudhary	.. ditto ..	II
2453	Ram Krishna Jain ..	.. ditto ..	II
2455	Rawati Raman Sharma	.. ditto ..	II
2456	Suraj Narain Mathur..	.. ditto ..	II
2457	Udai Chand ..	.. ditto ..	II
2460	Amrit Lal K. Mathur..	.. Jaswant College, Jodhpur.	II

Roll no.	*Name of candidate.*	*Name of College.*	*Passed in division.*
2461	Chand Mal Singhvi	Jaswant College, Jodhpur.	III
2463	Devi Dayal	ditto ..	III
2464	Doongar Singh K. Metha ..	ditto ..	III
2468	Gayanandan Deva	ditto ..	III
2469	Hanwantraj Metha	ditto ..	III
2470	Hukam Raj Bhandari.. ..	ditto ..	III
2472	Indra Raja J. Acharya ..	ditto ..	III
2477	Mangi Lal Bhatt	ditto ..	III
2478	Mannige Anand Rao	ditto ..	I
2479	Manohar Lal Udawat	ditto ..	III
2481	Modu Ram Bizawat	ditto ..	III
2483	Murli Manohar Byas	ditto ..	II
2484	Prabhu Dayal	ditto ..	II
2486	Radha Kishen Byas	ditto ..	III
2487	Radha Vallabh Bhargava ..	ditto ..	II
2488	Raj Narain Kulshrestha ..	ditto ..	II
2489	Rama Sahai Srivastava ..	ditto ..	III
2490	Ram Chander Calla	ditto ..	III
2491	Ram Ratna Gulabchand Trivedi ..	ditto ..	III
2493	Sawai Mall Bhandari	ditto ..	III
2495	Sobhagayanath Modi	ditto ..	III
2496	Sumer Chand Bhandari ..	ditto ..	III
2497	Sunder Lal Kothary	ditto ..	III
2499	Than Chandra Metha ..	ditto ..	III
2500	Tribhawan Nath Kackar ..	ditto ..	III
2501	Umrao Mal Byas	ditto ..	III
2502	Zafar Husain	ditto ..	III
	CENTRE—ST. JOHN'S COLLEGE, AGRA.		
2503	Bansi Manohar Saksena ..	Budaun ..	III
2504	Bhawani Shankar	Gorakhpur ..	III
2506	Braj Bhushan Prasad Dakhene ..	Moradabad ..	III
2510	Gordhan Pershad Koshik ..	Muzaffarnagar ..	III
2513	Jagan Lall Srimal Jain ..	Karauli State (Raj)	III
2514	Kameshwar Nath Raina ..	Agra	III
2517	Lokpal Singh	Etah	III
2518	Madho Krishna Verma ..	Agra	III
2527	Narain Prasad Lavaina ..	Do.	II
2530	Raghubir Singh	Etah	III
2534	Sachindra Nath Basu	Hoshangabad, C. P.	II
2540	Wahhajur Rasul	Burdwan ..	III

Roll no.	*Name of candidate.*	*Name of College.*	*Passed in division.*
	Compartmental—Under Regulation 18, Chapter XII of the Board's Regulations.		
2541	Anokhey Lal Johri	Mainpuri ..	Passed
2544	Saiyid Muhammad Mahmud Jafri	Agra	Passed
	CENTRE—GOVT. INTERMEDIATE COLLEGE, ALLAHABAD.		
2548	Badri Nath Malaviya ..	Allahabad ..	III
2551	Bawani Prasad Trivedi ..	Partabgarh (Oudh)	III
2553	Brahma Din Singh	Mirzapur ..	III
2555	Chandra Shekhar Prasad Pandey	Rewa C. I. ..	III
2556	Dewakar Singh	Do. ..	III
2562	Indra Narain Kaul	Allahabad ..	III
2564	Janardan Vyas	Do. ..	III
2566	Kali Das Benerjee	Do. ..	III
2576	Muhammad Ashraf	Farrukhabad ..	II
2578	Muhammad Majeed Siddiqi ..	Allahabad ..	III
2579	Paramanand Khanduri ..	Garhwal ..	III
2586	Ram Karan Misra	Partabgarh (Oudh)	III
2588	Ram Sukh Tiwari	Allahabad ..	III
2590	Shiva Narain Lal	Fatehpur ..	III
2598	Vishwanath Prasad Pathak ..	Benares State ..	III
2599	Wilson Christty Luther ..	Jaunpur ..	III
	Compartmental—Under Regulation 18, Chapter XII of the Board's Regulations.		
2600	Mirza Hifazat Husain ..	Allahabad ..	Passed
2602	Ram Sharan	Jaunpur ..	Passed
2603	Sheo Ramni Prasann Singh ..	Allahabad ..	Passed
2604	Syed Hamza Ali	Moradabad ..	Passed
	CENTRE—GOVT. INTERMEDIATE COLLEGE, ALMORA.		
	Compartmental—Under Regulation 18, Chapter XII of the Board's Regulations.		
2609	Dharma Nand Pant	Almora ..	Passed
	CENTRE—BAREILLY COLLEGE, BAREILLY.		
2616	Prem Narain	Bareilly ..	III
2617	Radhe Shiam Saksena ..	Do. ..	III
2618	Raghuvir Sahai Jauhari ..	Do. ..	III
2620	Shiam Lal Mehra	Do. ..	III
2621	Vajih-ur-Rahman	Do. ..	II

Roll no.	*Name of candidate.*	*Name of College.*	*Passed in division.*
	Compartmental—(Under Regulation 18, Chapter XII of the Board's Regulations).		
2622	Raj Behari Lal Mathur ..	Bijnor ..	Passed.
	Candidate appearing in an additional optional subject.		
2623	Ram Prasad Agarwala ..	Bareilly ..	Passed.
	CENTRE—QUEEN'S INTERMEDIATE COLLEGE, BENARES.		
2624	Abdul Hakim	Benares ..	III
2628	Bhawani Prasad Singh ..	Arrah ..	II
2629	Ganga Mohan Moitra ..	Benares ..	III
2639	Jagdamba Prasad	Do.	III
2645	Nurul Hasan Khan	Muzaffarpur ..	III
2649	Rama Adhar Singh	Benares ..	III
2651	Shattru Mardan Shah ..	Champaran ..	III
2652	Sheo Gopal Lal	Benares ..	III
2654	Surendra Prakash	Do. ..	III
	Compartmental—(Under Regulation 18, Chapter XII of the Board's Regulations).		
2656	Deva Nath Pandey	Benares ..	Passed.
2657	Durga Charan Mukerji ..	Do. ..	Passed.
2658	Nil Madhov Banerjee ..	Do. ..	Passed.
2659	Radha Krishna Sharma ..	Agra .	Passed.
	CENTRE—CHRIST CHURCH COLLEGE, CAWNPORE.		
2664	Indra Vira Singh Rathour ..	Sitapur ..	III
2666	Rama Kanta Rai	Allahabad ..	III
2667	Ram Krishna Nigam ..	Sitapur ..	III
	CENTRE—D. A.-V. INTERMEDIATE COLLEGE, DEHRA DUN.		
2671	Aubrey Richard Brown ..	Mussoorie ..	II
2673	Brij Lal	Dehra Dun ..	III
2674	Din Dayal Singh Rawatt ..	Do. ..	III
2676	Karam Singh Tomar	Do. ..	III
	CENTRE—GOVT. INTERMEDIATE COLLEGE, ETAWAH.		
2683	Gyan Prakash Srivastava ..	Fyzabad ..	III
2685	Sant Kumar Nigam	Etawah ..	III
	Compartmental—(Under Regulation 18, Chapter XII of the Board's Regulations.)		
2687	Krishna Behari Lal Agarwal ..	Etawah ..	Passed.
2688	Roshan Lal Sharma	Farrukhabad ..	Passed.

Roll no.	*Name of candidate.*	*Name of College.*	*Passed division*
	CENTRE—GOVT. INTERMEDIATE COLLEGE, FYZABAD.		
2690	Avadh Behari Chaube	Partabgarh (Oudh)	III
2692	Durga Prassd Srivastava	Basti	III
	Compartmental—(Under Regulation 18, Chapter XII of the Board's Regulations.)		
2698	Dinesh Dat Sharma	Fyzabad	Passed
2699	Keshab Nath Mullick	Do.	Passed
	CENTRE—ST. ANDREW'S COLLEGE, GORAKHPUR.		
2705	Lakshmi Charan	Saran	III
	CENTRE—GOVT. INTERMEDIATE COLLEGE, JHANSI.		
2711	Bala Singh Panisuff	Indore	II
	Under Regulation 18, Chapter XII of the Board's Regulations.		
2714	Rageshwari Dayal Srivastava	Sitapur	Passed
2715	Moizullah Kirmani	Unao	Passed
2717	Thakur Das Gupta	Tikamgarh C. I.	Passed
	CENTRE—GOVT. JUBILEE INTERMEDIATE COLLEGE, LUCKNOW.		
2722	Durga Prasad Saksena	Shahjahanpur	III
2723	Edwin Thomas	Do.	III
2734	Meredith Doutre	Lucknow	III
2735	Muhammad Zorawar Khan	Unao	III
2744	Sant Prasad Sinha	Sitapur	III
2747	V. T. Gopalakrishniah	Lucknow	II
	Under Regulation 18, Chapter XII of the Board's Regulations.		
2748	Kamala Kanto Banerji	Howrah	Passed
2750	Nanda Kumar Banerji	Do.	Passed
	CENTRE—ISABELLA THOBURN COLLEGE, LUCKNOW.		
	Under Regulation 18, Chapter XII of the Board's Regulations.		
2758	Adeline May Wesley	Bhopal State, C. I.	Passed
	CENTRE—MEERUT COLLEGE, MEERUT.		
2766	Hirde Ram	Muzaffarnagar	III
2767	Kailash Chandra Gupta	Meerut	III

Roll no	Name of candidate.	Name of College.	Passed in division.
2773	Mutasaddi Lal	Meerut ..	III
2776	Raghubar Dayal Misra ..	Bulandshahr ..	III
2777	Raghunath Prasad	Meerut ..	III
2779	Ram Saran Agarwala ..	Saharanpur ..	III
2784	Shiam Lal Batra	Meerut ..	III
2785	Shiam Sunder Lal	Do. ..	II
2786	Shiam Swarup Varman ..	Do. ..	III
2789	Ugra Sen Jaini	Muzaffarnagar ..	II

Under Regulation 18, Chapter XII of the Board's Regulations.

2790	Mohan Lal Mital	Muzaffarnagar ..	Passed
2791	Pyare Lal Gupta	Meerut ..	Passed

Under Regulation 7, Chapter XIV of the Board's Regulations.

2792	Kapil Deva Sukul	Gorakhpur ..	Passed
2793	Raja Ram Sharma	Meerut ..	Passed

CENTRE—GOVT. INTERMEDIATE COLLEGE, MORADABAD

2798	Hari Prasad Sharma.. ..	Moradabad ..	III
2799	Jageshwer Saran Porov ..	Do. ..	III
2801	Mazhar-ulHaq	Do. ..	III

Under Regulation 7, Chapter XIV of the Board's Regulations.

2808	Ram Swarup Bhatnagar ..	Moradabad ..	Passed

CENTRE—N. R. E. C. INTERMEDIATE COLLEGE. KHURJA.

2812	Jagannath Prasad Sharma Chaturvedi	Aligarh ..	II
2814	Lakshman Prasad	Bulandshahr ..	III
2815	Lalita Charan Goswami ..	Muttra ..	III
2820	Sultan Alam	Bareilly ..	III

CENTRE—GOVERNMENT COLLEGE, AJMER.

2827	Kamal Lal Dashora	Udaipur ..	III
2828	Kunwar Narwar Singh M. Rao ..	Barisadri (Mewar)	II
2831	Lakshmi Narain Purohit ..	Bikaner ..	II
2833	Narendra Lal Nathu Lal Shah ..	Abu Road ..	III
2836	Sohan Singh Khazanchi ..	Banera (Mewar) ..	III

Under Regulation 18, Chapter XII of the Board's Regulations.

2838	Nathu Lal Heda	Ajmer	Passed

Roll no.	*Name of candidate.*	*Name of College.*	*Passed in division.*
	CENTRE—VICTORIA COLLEGE, GWALIOR		
2848	Mohan Sarup Srivastva ..	Lashkar ..	III
2849	Muhammad Taslim Khan ..	Gwalior ..	III
2851	Ram Pershad Sharma ..	Lashkar ..	III
2853	Venkatesh Hari Kale ..	Gwalior ..	III
	CENTRE—INDORE CHRISTIAN COLLEGE, INDORE.		
2854	Arthur Baburao Shinde ..	Mhow, C. I. ..	III
2856	Baburao Haribhan	Indore, C. I. ..	III
2858	Bechu Rai..	Azamgarh ..	III
2859	Bhaiya Lal Khasgiwala ..	Partabgarh (Raj)..	III
2860	Bhalchandra Damodar Kulkarni ..	Indore ..	III
2862	Bhaskar Pralhad Apte ..	Bhusawal East Khandesh.	III
2864	Chandmal Kasliwal	Mandsaur Gwalior State.	III
2867	Dattatraya Shankar Tare ..	Khargone Holkar State.	III
2877	Gangadhar Krishna Kamle ..	Indore.. ..	III
2884	Jagdamba Prasad Dwarka Prasad Saxena.	Dhar	III
2887	Kashinath Annaji Pimprikar ..	Buldana (Berar) ..	III
2889	Kesho Bhamrao Deshmukh ..	Ditto ..	III
2891	Keshava Gopal Satvik ..	Ujjain ..	III
2892	Kishan Lal Durgashankar Dube ..	Sitamau ..	III
2895	Kunjbehari Lal	Indore Residency ..	II
2897	Madhav Prasad Saxena ..	Ujjain.. ..	III
2904	Narayan Ramkrishna Joshi ..	Indore.. ..	III
2909	Ramchandra Waman Kete ..	Buldana (Berar) ..	III
2911	Ram Krishna Shridhar Brahme ..	Indore ..	III
2912	Ravi Shanker Dube	Hoshangabad ..	II
2914	Sheikh Abdul Sattar	Ujjain ..	II
2916	Shambhu Nath Shej Nath Buwa ..	Erandol East Khandesh.	III
2920	Shriram Balwant Akolekar ..	Indore.. ..	III
2921	Sushila Siddhanath Nivsarkar (Miss).	Do. ..	II
2924	Vasant Shankarrao Tambney ..	Mhow ..	III
2925	Vinayak Jaiwant Deshpande ..	Yeotmal (Berar) ..	III
2926	Vinayak Krishna Natoo ..	Gwalior State ..	III
2927	Vishnu Gangadhar Kavachale ..	Dewas Central India	III

Roll no.	*Name of candidate.*	*Name of College.*	*Passed in division.*
2928	Vishnu Ramkrishna Joshi ..	Indose ..	III
2929	Vishwanath Vinayak Aradbey ..	Nagpur ..	III
2931	Vishwasrao Bapurao Mahale ..	Amraoti ..	III
2933	Vithal Trimbak Kotwal ..	Indore.. ..	II

Under Regulation 18, Chapter XII of the Board's Regulations.

2936	Mangesh Govind Karnikar ..	Indore ..	Passed
2937	Narayan Krishna Prachand ..	Dewas Junior ..	Passed
2938	Shanker Laxman Chandorker ..	Indore ..	Passed

CENTRE—MAHARAJA'S INTERMEDIATE COLLEGE JAIPUR.

2942	An Raj Byas	Jodhpur ..	III
2947	Manjimal Munot	Do. ..	III
2949	Moti Singh	Do. ..	III
2950	Nazir-ud-din	Sojat ..	III
2956	Shiva Ram Purohit	Jodhpur ..	III

Under Regulation 7, Chapter XIV of the Board's Regulations.

2961	Mahadeo Prasad	Khetri ..	Passed

APPENDIX H.

List of apparatus and chemicals for an Intermediate College and a High School.

Section A.

(*For 24 boys in a class.*)

Column A gives the minimum requirements for work up to the High School Examination only.

Column B gives the minimum requirements for work up to the Intermediate Examination only.

Quantity.		
A	B	PHYSICS (GENERAL).
12 ..	12 ..	Balances, 250 g.m. in cases, beams graduated.
12 ..	12 ..	Weight Boxes from 1 g.m. to 100 g.m.
2 ..	12 ..	Ditto ·001 g m. to 100 g.m.
4 ..	4 ..	Spring balance, to weigh 10 lb.
2 sets.	2 sets	Weights, ¼ oz. to 1 lb.
2 doz.	2 doz.	Half Metre Rules, Maple Wood, cm. on one side and inches on the other.
1 ,,	2 ,,	Metre Rules, ditto.
..	2 .	Screw Gauges, ordinary.
..	2 ..	Ditto good quality, with ratchet.
..	6 ..	Clamp Pulleys, brass.
1 doz.	1 doz	Protractors, brass, ordinary.
..	4 ..	Hare's apparatus, simple form.
1 doz.	1 doz.	Stools for specific gravity experiments.
16 only	16 only	Bunsen Burners or Spirit Lamps.
2 doz.	2 doz.	Retort stands with clamps, small; base 7″×4″ with rod 24″.
2 ,,	2 ,,	Tripods, triangular top.
1 lb.	2 lb.	Lead shot.
1 ,,	2 ,,	Mercury pure.
1 ..	1 ..	Mercury Tray.
..	10 ft.	Rubber tubing, thin, 1/8″ pressure.
2 doz.	3 doz	Flasks, flat-bottom, 200 C.C.
1 ,,	1 ,,	Ditto 100 C.C.
2 ,,	3 ,,	Ditto 500 C.C.
3 ,,	3 ,,	Beakers, with spout, ht. 6 cm. cap. 100 C.C.
3 ,,	3 ,,	Ditto ht. 9 cm. 250 C.C.
..	1 ,,	Ditto ht. 14-5 cm. 1,000 C.C.
1 gross	1 gross	Corks, assorted.
5 lb.	5 lb.	Glass tubing 5 m.m., 8 m.m. and 10 m.m.
..	1 ,,	Glass rod.
..	1 ,,	Thermometer tubing.
1 gross	1 gross	Test-tubes, 5″×5/8″.
2 only	2 only	Relative density bottles (small flasks can be used).
1 doz.	1 doz.	Graduated jars, 100 C.C.
..	6 only	Vernier Callipers.
..	4 ,,	Spherometers.
..	2 ,,	Pendulums for "G" experiment.

Section A—(*continued*).

Column A gives the minimum requirements for work up to the High School Examination only.

Column B gives the minimum requirements for work up to the Intermediate Examination only.

Quantity. A	Quantity. B	PHYSICS (GENERAL)—(*continued*).
..	1 set	Pulley System.
..	6 only	Hooks Law apparatus (cheap form).
..	1 ,,	Fortins Barometer (student's form).
..	2 ..	Stop-watches (cheap form).
..	3 ..	Hydrometers.
12 pairs	12 pairs	Compasses.
4 ,,	4 ,,	Scissors.
2 reels	2 reels	Linen thread no. 30.
12 pairs	12 pairs	Inside and Outside Callipers, graduated.
2 quires	2 quires	M. M. Squared paper, 9″×7″ (nearly).
2 ,,	2 ,,	Squared paper in inches and tenths of an inch.
12 ..	12 ..	Set-squares, 60°.
12 ..	12 ..	Set-squares, 45°.
24 ..	24 ..	Cubes truly cut in hardwood, 1 cm. edge.
3 ..	3 ..	Ditto 4 cm. do.
1 ..	1 ..	Cube truly cut in hardwood 10 cm. do.
1 ..	1 ..	Ditto 1 ft. do.
3 ..	3 ..	Rectangular blocks (wood) graduated in inches, 4″×3″×1″.
3 ..	3 ..	Ditto ditto 4″×3″×2″.
3 ..	3 ..	Ditto ditto 4″×3″×4″.
24 ..	24 ..	Cylinders truly cut in hardwood, dia.3 cm. and height 5 cm.
3 ..	3 ..	Spheres truly cut in hardwood, dia. 4 cm.
1 ..	1 ..	Wooden rectangular prism, 5×4×3 cm., graduated in cm., top layer, one row and one cube removable.
6 ..	6 ..	Graduated glass cylinders, 500 C.C. } Ditto 300 C.C } 2 each. Ditto 50 C C. }
1 ..	1 ..	Litre glass jugs, graduated.
1 ..	1 ..	Pint ditto
2 sets	2 sets	Small cylinders of iron, brass, copper, and tin, of the same dimensions.
2 ,, ..	2 ,, ..	Small cubes of iron, brass, copper, and tin, of the same dimensions.
1 set ..	1 set ..	Brass bucket and cylinder for verification of Archimedes' principle
12 ..	12 ..	Tin chimneys for spirit lamps, if required.
12 ..	12 ..	Clay-pipe triangles.
16 pieces	16 pieces	Wire gauge, 6″ square, 30 meshes.
12 ..	12 ..	Iron tongs, 6″ long, plain.
12 ..	12 ..	Glass Flasks, round bottom, 500 C.C.

Section A—(*continued*).

Column A gives the minimum requirements for work up to the High School Examination only.

Column B gives the minimum requirements for work up to the Intermediate Examination only.

Quantity. A.	Quantity. B.	PHYSICS (GENERAL)—(*concluded*).
12 ..	12 ..	Test-tube stands, cheap form, 8 holes, with pegs.
24 ..	24 ..	Test-tube cleaners with I. R. ends.
1 ..	1 ..	Hollow tin cone, height 8″, diameter of base 4″.
1 ..	1 ..	Hollow tin cylinder, height 8″ ditto 4″.
		HEAT.
1 ..	1 ..	Gravesande's Ball and Ring.
1 ..	2 ..	Linear Expansion Apparatus.
1 ..	1 ..	Compound bar of brass and iron.
..	2 ..	Boyle's Law Apparatus.
..	1 ..	Regnault's Hygrometer.
1 doz.	1 doz.	Copper Calorimeter Cans and Shields.
1 ..	1 ..	Six's Maximum and Minimum Thermometer.
1 ..	1 ..	Convection Apparatus.
1 ..	1 ..	Compensated Pendulum.
..	1 set ..	Leslie's Cubes.
..	1 ..	Dry wet Bulb Hygrometer, Mason's.
1 doz.	1 doz.	Thermometers, 220°F in wooden case.
1 ,,	2 ,,	Ditto 110°C ditto (divided into ½°)
..	1 only	Ditto 360°C ditto.
1 doz	1 doz.	Ungraduated Thermometers.
1 ,,	1 ,,	Steam Boilers, tin
1 ..	1 ..	Davy's Safety Lamp.
..	3 ..	Hypsometers, Tin.
1 ..	1 ..	Air Thermometer
..	1 ..	Bunsen ice calorimeter, simple form, 6″.
..	3 ..	Glazebrook and Shaw's Sp. heat apparatus.
..	1 ..	Hope's Apparatus, tin.
1 ..	1 ..	Bar and Gauge to show expansion of metal bar.
1 ..	1 ..	Contraction Apparatus.
1 doz.	1 doz.	White card-board sheets 1′ square.
2 lb. ..	2 lb. ..	Thin tin sheet,
1 ..	1 ..	Rod half brass and half wood, for conduction experiment.
1 ..	1 ..	Rod of copper and 1 rod of iron, each 1′ long and ¼″ diameter.
1 doz.	1 doz.	Marbles.
3 ..	3 ..	Chimneys, glass 1″ dia. at bottom.
		LIGHT.
..	1 ..	Telescope, Student's cheap.
1 ..	1 ..	Pinhole, Camera.
6 ..	6 ..	Concave Mirror, 2″ dia
..	1 ..	Wire Pyramid (to show inverse square).

Section A– *(continued).*

Columns A gives the minimum requirements for work up to the High School Examination only.

Column **B** gives the minimum requirements for work up to the Intermediate Examination only.

Quantity.		
A.	B.	LIGHT—*(concluded).*
1 doz.	1 doz.	Glass Cubes, or Slabs.
1 „ ..	1 „ ..	Prisms, right-angled.
..	1 „ ..	Convex Lenses, double, 2″.
1 doz.	1 „ ..	Lens holders.
1 ..	1 ..	Newton's colour Disc.
..	3 ..	Optical benches with accessories (cheap form)
..	1 ..	Spectrometer (cheap form).
..	1 ..	Nicol Prism.
..	1 ..	Tourmaline Tongs.
1 doz.	1 doz.	Strips of mirror glass 4″ × 1″ (thin).
1 ..	1 ..	Sheet pins
6 ..	6 ..	Cheap spectacle lenses with rough edges, concave, about 20 cm. focus.
6 ..	6 ..	Cheap spectacle lenses with rough edges, convex about 20 cm. focus.
1 ..	1 ..	Pocket candles.
1 doz.	1 doz.	Candle holders, mounted on wooden base.
1 „ ..	1 „ ..	Screen holders, ditto ditto.
		SOUND.
..	3 ..	Sonometers with spring balance.
..	2 ..	Resonance Apparatus.
..	6 ..	Tuning forks.
..	1 ..	Siren.
..	1 set ..	Organ pipes
		MAGNETISM AND ELECTRICITY.
1 doz.	1 doz.	Pocket magnetic Compasses.
..	3 only	Deflection Magnetometers.
..	3 ..	Vibration Magnetometers.
..	6 ..	Horse shoe Magnets, 4″.
..	1 ..	Mariner's Compass.
..	1 ..	Leyden Jar with movable coatings.
1 ..	2 ..	Ebonite sheet, 3 and 6 mm. thick.
1 ..	1 ..	Wimshurts Machine, glass disc , 10″.
1 ..	2 ..	Electroscopes, cheap pattern, flask.
1 ..	1 ..	Ditto wooden model.
..	1 ..	Biot's Apparatus.
..	1 ..	Faraday's Ice Pail, set of four.
1 ..	2 ..	Daniel's Cells.
1 doz.	1 doz.	Leclanche's Cells, complete.
1 ..	2 ..	Bunsen's cells.
..	2 doz.	Terminals.

Section A—(*concluded*).

Column A gives the minimum requirements for work up to the High School Examination only.

Column B gives the minimum requirements for work up to the Intermediate Examination only.

Quantity.		
A.	B.	MAGNETISM AND ELECTRICITY—(*concluded*).
2 doz.	2 doz.	Binding Screws.
..	1 only	Copper Voltameter.
1 ..	1 ..	Voltameter for electrolysis of water.
¼ lb. ..	2 lb. ..	Copper sulphate.
¼ „ ..	1 „ ..	Zinc sulphate.
3 ..	3 ..	Sal Ammoniac.
..	2 ..	Galvanometers—Tangent.
..	2 ..	Mirror Galvanometer (Steward); with lamps and scale.
..	1 ..	D'Arsonval Galvanometer.
..	4 ..	Wheatstone Bridges, cheap.
1 ..	1 ..	Dip circle (simple form).
1 doz.	1 doz.	Magnets, small, 6".
..	1 ..	Ammeter (cheap with 1—5 amperes range) 1/10".
..	1 set ..	Resistances.
..	1 ..	Condensers (simple plate).
..	1 ..	Model of a Dynamo.
1 lb. each	1 lb each	Copper Wire, nos. 18, 20, 26.
..	1 lb. ..	Ditto Silk covered.
..	1 reel	Unspun Silk.
..	¼ lb. ..	Soft Red Wax.
..	1 ..	Voltameter, cheap (1—10 volts, 1/10).
..	2 ..	Reversing Keys.
1 ..	1 ..	Electric Bell.
1 ..	1 ..	Electrophorus.
1 ..	1 ..	Morse Key.
1 ..	1 ..	Piece Lode Stone.
1 ..	1 ..	Horse-shoe magnet with armature, 6".
1 ..	1 ..	Packet steel knitting needles.
1 doz.	1 doz.	Sewing needles.
1 ..	1 ..	Flat cast iron rod, 1' long.
1 doz.	1 doz	Steel clock springs.
1 ..	1 ..	Glass rod, 12".
9 ..	9 ..	Ebonite rods, 12".
2 ..	2 ..	Shellac rods, 12".
12 pieces	12 pieces	Flannel.
2 „	2 „	Silk.
2 ..	2 ..	Pith-ball pendulums.
2 ..	2 ..	Simple cell elements.
2 ..	2 ..	Magnetic needles and stands, 3" and 6".

Section B.

Column A gives the minimum requirements for work up to the **High School Examination** only.

Column B gives the minimum requirements for work up to the **Intermediate Examination** only.

Quantity.		
A.	B.	PHYSICS WORK BENCH TOOLS.
1 ..	1 ..	Cutting pliers.
1 ..	1 ..	Ditto flat nose.
..	1 ..	Bench hack, saw.
1 ..	2 ..	Hammers.
2 ..	3 ..	Screw drivers (set of three)
2 ..	6 ..	Triangular and square files.
1 ..	2 ..	Flat files.
1 ..	2 ..	Half round files.
..	1 ..	Automatic hand drill.
1 ..	1 ..	Spirit level mounted.
..	1 ..	Measuring tape, 50 ft.
..	..	Nails, assorted.
..	..	Brass and iron screws.

Section C

Column A gives the minimum requirements for work up to the High School Examination only.

Column B gives the minimum requirements for work up to the Intermediate Examination only.

Quantity. A.	Quantity. B.	CHEMISTRY (GENERAL).
..	12 ..	Balances, 250 g m. with beams graduated sensitive to 1/10th of a milligram in cases.
..	12 ..	Sets of weights with forceps, ·0001 to 50 g.m.
..	1 ..	Set of ditto ditto ·001 to 100 g.m.
..	4 doz.	Beakers, with lip, 100 C.C,
..	4 ,,	Ditto 250 C.C.
..	1 ,, ..	Ditto 400 C.C.
..	1 ,, ..	Ditto 600 C.C.
..	1 ,, ..	Ditto 1,000 C.C.
..	2 ,, ..	Flasks, flat bottom 125 C.C.
..	2 ,, ..	Ditto 300 C.C.
..	1 ,, ..	Ditto 500 C.C.
..	½ ,, ..	Ditto 1,000 C.C.
..	2 ,, ..	Flasks, conical, 500 C.C.
..	6 only	Flasks, round bottom, 300 C.C. and 500 C.C
..	6 ..	Distilling flasks, round bottom, 500 C.C
..	6 ..	Crystallizing dishes, 7 cm. dia.
..	4 ..	Ditto 10 cm.
..	6 ..	Desiccators, Schoiblers, 13 cm. 5″.
2 ..	12 ..	Woulff's bottles, 250 C C., 2 necks.
1 ..	4 ..	Ditto 500 C C. ,,
..	2 each	Filter pump, flask, 250 C C. and 500 C.C.
24 ..	12 ..	Covers for gas jars.
12 ..	6 ..	Funnels, 2½″.
..	3 ..	Do. 5″.
12 ..	12 ..	Do. for burettes.
3 ..	3 ..	Retorts, stoppered, 500 C.C.
12 ..	3 ..	Pneumatic troughs, circular, porcelain.
12 ..	3 ..	Beehive shelves for above.
2 ..	16 ..	Liebig's condensers, 30 cm. I.R. connection.
12 ..	12 ..	Mortars and pestles, 4″ dia.
..	2 ..	Do wedgewood, large
..	1 doz.	Calcium chloride tubes, U forms, 6″ × 5″.
..	1 ,, ..	Ditto ditto with side tubes,
..	1 ,, ..	Ditto straight.
..	1 only	Glass filter pump, University pattern.
1 gross	1 gross	Test-tubes, 2″ × ¾″.
..	4 doz.	Do. 4″ × ½″.
3 doz	6 ,, ..	Do 6″ × 1″.
4 ,, ..	3 ,, ..	Test-tubes combust on, 6′ × ¾″.
..	25 lb. ..	Glass tubing, assorted.
2 lb. ..	3 ,, ..	Ditto combustion.
1 ,, ..	3 ,, ..	Glass rods, assorted.
..	2 ,, ..	Thermometer tubings.
..	6 ..	Burettes with stopcock, 50-1/10 C.C.
12 ..	..	Ditto pinchcock, 50-1/10 C.C.

*

Section C—(*continued*).

Column A gives the minimum requirements for work up to the High School Examination only.

Column B gives the minimum requirements for work up to the Intermediate Examination only.

Quantity. A.	Quantity. B.	CHEMISTRY (GENERAL)—(*continued*).
2 ..	9 ..	Pipettes, 25 C.C., 10 C.C. and 20 C.C., 3 each.
..	4 ..	Do. 50 C C.
..	..	Measuring jars. 50 C C.
..	2 doz.	Ditto 100 C.C.
..	6 only	Ditto 500 C C.
..	1 „ ..	Ditto 1,003 C C.
..	2½ doz.	Thermometers. 150° C, in wooden case, 3 of 200° C, 3 of 300° C.
..	200 ..	Filter papers, cut circles, 9 cm.
300 ..	200 ..	Ditto ditto 12·5 cm.
..	100 ..	Ditto ditto 15 cm.
6 ft. ..	30 ft. ..	I. R. tubing, 5/16″.
..	6 ft. ..	Pressure tubing.
1 gross	1 gross	Corks, ordinary, assorted.
12 sets..	12 sets..	Corkborers, set of three.
..	1 ..	Cork squeezer, wheel pattern.
18 ..	18 ..	Deflagrating spoons with tin caps.
12 ft. ..	60 ft. ..	I. R. connection tubing, 3/16″.
..	1 ..	Foot bellows.
1 doz. ..	2 doz,..	Mohr's burette clips.
..	6 only	Screw clips.
..	4 ..	Retort stands, small.
..	2 ..	„ large.
..	1 doz ..	Rings, 2½″, 3½″, 4″ dia.
..	1 „ ..	Clamps, small and large with boss.
..	3 ..	Wooden clamps.
12 ..	3 ..	Funnel stands, double.
12 ..	4 ..	Burette stands, for one burette.
2 ..	2 doz.	Safety funnels with one bend.
16 ..	2 „ ..	Thistle funnels, 12″.
..	6 ..	Asbestos sheets, 10″×10″.
..	1 ..	„ pad, 6″×6″.
..	1 ..	„ „ 4″×4″.
..	1 ..	Ozone apparatus.
..	1 ..	Vapour density apparatus, Victor Meyer's.
..	2 ..	Combustion boats porcelain
..	1 ..	Pippette stand for ten pipettes.
..	4 ..	Calcium chloride towers, 8″.
..	4 ..	Separating funnel, pearshaped.
...	6 ..	Kipp's apparatus, 500 C. C. capacity.
..	1 ..	Tube to show composition of ammonia.
..	1 ..	Diffusion apparatus (porous pot, tube, etc.)
..	3 ..	Glass trough (big) 13·5″ diameter.
..	1 ..	Copper flask.
..	1 ..	Copper tube with cap.
..	1 set ..	Copper distilling apparatus for distilling water.

Section C—(*concluded*).

Column A gives the minimum requirements for work up to the High School Examination only.

Column B gives the minimum requirements for work up to the Intermediate Examination only.

Quantity. A.	Quantity. B.	CHEMISTRY (GENERAL)—(*concluded*)
..	30 ..	Weighing tubes.
..	2 ..	Clock glasses.
1 ..	1 doz.	Watch ,,
..	4 ..	Bunsen burners.
..	6 ..	Fishtail. ,,
..	4 ..	Spatulas porcelain.
6 ..	4 ..	,, horn.
6 ..	6 ..	,, steel.
6 ..	36 ..	Winchester quart bottles.
..	6 ..	Filter plates, two of each size.
..	6 ..	Books of labels.
1 doz.	2 doz...	Litmus books (red and blue).
..	1 ..	Fractionating column (pearshaped, bulbed) 3 or 5 bulbs.
..	2 ..	Nickel foils, 3″×3″.
..	4 ..	Tripod stands.
..	2 ..	Crucible tongs.
..	2 ..	Drying cones.
..	6 ..	Hoffman's bottle for Victor Meyer's apparatus.
16 ..	4 ..	Porcelain basin
..	4 only	Graduated flasks, 250 C.C.
..	2 ,, ..	,, 1,000 C.C.
..	6 ,, ..	,, 100 C.C.
..	6 ,, ..	,, 200 C.C.
1 ..	2 ..	Water bath.
2 ..	2 ..	Potash bulbs.
16 ..	6 ..	Crucibles with lids.
12 ..	12 ..	Small U-tubes, height 4″ dia. ½″.
1 doz.	1 doz...	Wire-gauze spoons for sodium.
1 ,,	14 only	Iron tubes, 8″ long and 1″ diameter.
2 ..	2 ..	Cork borer sharpner.
12 ..	6 ..	Triangular files, and 6 rat-tailed or round files
24 ..	12 ..	Gas collecting jars with round glass covers.
*26 ..	..	Stoppered bottles for chemicals.

*4 N. M, reagent bottle 12 oz. stoppered.
17 ,, ,, ,, ,, 5 ,, ,,
5 W. M. ,, ,, 2 ,, corked.

Section D.

Column A gives the minimum requirements for work up to the High School Examination only.

Column B gives the minimum requirements for work up to the Intermediate Examination only.

Quantity. A.	Quantity. B.	CHEMICAL LABORATORY. *Apparatus required for each bench.*
..	1 ..	Wire Gauze, 30 meshes, 6″×6″.
..	3 doz...	Test-tubes, 5″×5/8″.
..	1 „ ..	„ 2″×1/4″.
..	1 ..	Test tube stand.
..	1 ..	„ brush.
..	3 ..	Beakers (one without lip, 200 C.C. and two lipped, 250 C.C.)
..	3 ..	Flasks (500 C.C. two only and 200 C.C. one only).
..	1 ..	Mouth Blowpipe.
..	1 ..	Wash bottle 500 C.C.
..	1 ..	Retort stand with 1 ring, 1 clamp and 1 boss, length of rod 20″.
..	1 ..	Tripod stand triangular top.
..	2 ..	Crucibles with lid.
..	1 ..	Crucible tongs, brass, plain 6″.
..	3 ..	Porcelain basins.
..	2 ..	Funnels, plain 3″.
..	1 ..	Triangular file, 4″ with handle.
..	1 ..	Iron-tinned Japan rectangular pneumatic trough with shelf.
..	1 ..	Pipette, 10 C.C.
..	100 ..	Filter papers, 12·5 cm. dia.
..	2 books	Litmus papers, red and blue.
..	1 ..	Test-tube holder crosswise pattern.
..	1 ..	Burner or spirit Lamp.
..	1 ..	Burette 50—1/10 C. C. with pinchcock (i.e., with Mohr's burette clips).
..	2 ..	Watch glasses 4 cm.
..	2 ..	Clay-pipe triangles.
..	1 ..	Funnel stand, double.
..	1 ..	Burette stand.
..	1 ..	Drying cone of tin.
..	4 ..	N. M. Reagent bottles 12 oz., stoppered.
..	17 ..	N. M. „ 5 „ „
..	6 ..	W. M. „ 2 „ with corks.
..	3 ft. ..	Rubber tubing for burner 3/8″ diameter.
..	3 ..	Collecting jars (glass) and cover for same.
..	1 doz...	Corks assorted.
..	1 ..	Beaker cover for quantitative work (clock glass).
..	1 ..	Desiccator each 5″.
..	1 ..	Glazed paper
..	1 ..	Platinum wire.
..	1 ..	Graduated flask, 100 C.C.
..	1 ..	Quill pen.
..	1 ..	Spatula.
..	1 ..	Blue glass, 2″×2″.

Section E.

Column A gives the minimum requirements for work up to the High School Examination only.

Column B gives the minimum requirements for work up to the Intermediate Examination only.

Quantity.		
A.	B	CHEMICALS.
8 lb. ..	70 lb ..	Concentrated Hydrochloric acid pure (medically pure).
..	20 „ ..	Hydrochloric acid pure.
8 lb. ..	25 „ ..	Concentrated Nitric acid, pure.
8 „ ..	30 „ ..	„ Sulphuric „
..	40 „ ..	„ „ „ commercial.
..	6 „ ..	„ Glacial Acetic acid.
..	25 „ ..	Ammon. Liquor
2 lb. ..	20 „ ..	„ Chloride.
..	1 „ ..	„ Carbonate resubl.
..	16 „ ..	„ „ ordinary.
..	4 „ ..	„ Sulphate, pure.
..	2 „ ..	„ Acetate.
..	1 „ ..	„ Molybdate.
..	2 „ ..	„ Nitrate.
..	4 „ ..	„ Oxalate.
¼ lb. ..	½ „ ..	Sodium, Metal.
1 „ ..	6 „ ..	„ Carbonate, pure.
..	3 „ ..	„ „ commercial.
..	1 „ ..	„ „ chemically pure anhydrous.
..	1 „ ..	„ Bicarbonate.
2 lb. ..	10 „ ..	„ Hydroxide sticks, pure.
..	3 „ ..	„ Acetate.
..	2 „ ..	„ Nitrate.
..	4 „ ..	„ Phosphate.
..	3 „ ..	„ Chloride, pure.
..	8 „ ..	„ „ commercial.
..	1 „ ..	„ Sulphate.
..	½ „ ..	„ Formate.
..	1 „ ..	„ Nitrite.
..	1 „ ..	„ Bromide.
..	4 „ ..	Borax.
..	3 „ ..	Fusion mixture.
..	½ „ ..	Potassium, metal.
..	1 „ ..	„ Bichromate.
..	2 „ ..	„ Chromate.
..	1 „ ..	„ Bisulphate.
2 lb. ..	6 „ ..	„ Chlorate
..	3 „ ..	„ Chloride, pure.
..	1 „ ..	„ Cyanide.
..	1 „ ..	„ Ferricyanide.
..	2 „ ..	„ Ferrocyanide.
..	1 „ ..	„ Iodide.
2 lb ..	3 „ ..	„ Nitrate.
2 oz. ..	1 „ ..	„ Permanganate.

Section E—(*continued*).

Column A gives the minimum requirements for work up to the High School Examination only.

Column B gives the minimum requirements for work up to the Intermediate Examination only.

Quantity. A.	Quantity. B.	CHEMICALS—(*continued*)
..	1 lb. ..	Potassium, Sulphate.
..	1 ,, ..	,, Sulphocyanide.
..	1 ,, ..	,, Hydrate sticks.
..	½ ,, ..	,, Perchlorate.
..	1 ,, ..	Barium Carbonate ppt.
..	6 ,, ..	,, Chloride, pure.
..	1 ,, ..	,, Nitrate,
..	4 oz. ..	,, Sulphide.
..	½ lb. ..	,, Sulphate.
..	1 ,, ..	,, Acetate.
..	1 ,, ..	Strontium Carbonate, pure.
..	1 ,, ..	,, Chloride.
..	1 ,, ..	,, Nitrate.
..	4 oz. ..	,, Sulphide.
..	1 lb ..	,, Acetate.
..	1 ,, ..	Calcium Carbonate ppt.
1 lb. ..	4 ,, ..	,, Chloride anhydrous.
..	1 lb. ..	Calcium Nitrate.
..	½ ,, ..	,, Sulphate, pure.
..	1 ,, ..	,, Hypochloride (Bleaching powder).
2 lb. ..	4 ,, ..	,, Oxide.
1 ..	1 ,, ..	Plaster of Paris.
2 ..	4 ,, ..	Marble.
..	4 oz. ..	Calcium Sulphide.
2 oz. ..	1 ,, ..	Magnesium Ribbon.
..	1 lb. ..	,, Corbonate.
..	1 ,, ..	,, Chloride.
..	1 ,, ..	,, Sulphate.
..	1 ,, ..	,, Oxide.
..	½ ,, ..	Manganese Chloride.
..	½ ,, ..	,, Sulphate.
2 lb. ..	12 ,, ..	,, Dioxide.
..	2 ,, ..	,, ,, granulated.
½ lb. ..	¼ ,, ..	Copper turnings.
¼ ,, ..	1 ,, ..	,, Oxide.
..	1 ,, ..	,, Corbonate.
..	1 ,, ..	,, Chloride (ic.).
..	1 ,, ..	,, Nitrate.
2 lb. ..	3 ,, ..	,, Sulphate.
¼ ,, ..	½ ,, ..	,, foil.
..	½ ,, ..	Silver Nitrate.
2 lb. ..	2 ,, ..	Mercury Metal.
..	1 ,, ..	,, Chloride (ic.).
½ lb. ..	½ ,, ..	,, Oxide (red).
..	½ ,, ..	,, Nitrate (ic.).

Section E—(*continued*).

Column **A** gives the minimum requirements for work up to the High School Examination only.

Column **B** gives the minimum requirements for work up to the Intermediate Examination only.

Quantity.		
A.	B.	CHEMICALS—(*continued*).
..	½ lb. ..	Mercury Nitrate (ous).
1 lb. ..	2 „ ..	Lead shots.
..	1 „ ..	„ foil.
..	4 „ ..	„ Acetate.
..	1 „ ..	„ Carbonate.
..	1 „ ..	„ Nitrate, pure.
1 oz. ..	2 „ ..	„ Oxide (litharge).
1 „ ..	1 „ ..	„ „ (red).
..	1 „ ..	„ Chloride.
..	2 „ ..	„ Metal.
..	1 oz. ..	Bismuth Nitrate.
..	½ „ ..	Cadmium Nitrate.
..	1 lb. ..	Iron turnings.
..	2 „ ..	„ Chloride (ic,) pure.
1 lb. ..	4 „ ..	„ Sulphate (ous).
..	30 „ ..	Ferrous Sulphide.
..	1 „ ..	„ Ammonium Sulphate.
..	1 „ ..	Iron Oxide.
2 lb. ..	2 „ ..	„ filings.
1 „ ..	1 „ ..	Alum Ammonium.
4 oz. ..	2 oz. ..	Aluminium foil.
..	2 „ ..	Arsenic metal.
..	½ lb. ..	„ Oxide.
..	2 oz. ..	Antimony metal.
2 lb. ..	10 lb. ..	Zinc granulated.
..	1 „ ..	„ Carbonate, pure.
..	½ „ ..	„ Oxide.
..	1 „ ..	„ Sulphate.
..	2 oz. ..	Nickel Sulphate.
..	1 lb. ..	Cobalt Nitrate.
¼ lb. ..	1 „ ..	Tin foil.
..	1 „ ..	„ Granulated, pure.
..	2 „ ..	„ „ Commercial
..	2 „ ..	Tin Chloride (ous).
..	1 „ ..	Chromium Alum.
..	3 „ ..	Potassium „
2 lb. ..	4 „ ..	Sulphur roll.
..	2 „ ..	„ Flowers.
2 oz. ..	8 oz. ..	Phosphorus white.
..	8 „ ..	„ red.
..	8 „ ..	Bromine.
..	8 „ ..	Iodine resublimed.
..	2 lb. ..	Pumice Stone.
..	2 oz. ..	Phosphorus Trichloride.
..	2 „ ..	„ Pentachloride.

Section E—(*continued*).

Column A gives the minimum requirements for work up to the High School Examination only.

Column B gives the minimum requirements for work up to the Intermediate Examination only.

Quantity. A.	Quantity. B.	CHEMICALS—(*concluded*).
..	1 lb. ..	Animal charcoal.
..	½ ,, ..	Graphite.
..	½ ,, ..	Emery powder.
..	2 oz. ..	Phosphoric acid.
½ lb. ..	½ lb. ..	Iron sheet.
½ ,, ..	½ ,, ..	Lead ,,
..	½ ,, ..	Microcosmic salt.
		ORGANIC CHEMICALS.
..	4 oz. ..	Acid Formic.
..	4 ,, ..	,, Stearic.
..	2 lb. ..	,, Oxalic.
2 oz. ..	4 oz ..	,, Pyrogallic.
..	½ lb. ..	,, Tartaric.
..	1 oz. ..	,, Butyric.
..	4 ,, ..	,, Salicylic.
..	1 lb. ..	Benzene.
2 lb. ..	8 ,, ..	Carbon disulphide.
..	1 ,, ..	Acetone.
1 lb. ..	2 ,, ..	Alcohol (abs).
..	½ ,, ..	Chloroform.
..	½ ,, ..	Cream of tartar.
..	1 ,, ..	Formaldehyde.
..	2 oz. ..	Acetaldenyde.
1 lb. ..	2 lb. ..	Glycerine.
..	1 oz. ..	Iodoform.
1 lb. ..	4 lb. ..	Naphthalene.
..	1 ,, ..	Castor oil
..	4 oz. ..	Phenol.
..	4 ,, ..	Bees wax.
..	1 ,, ..	Acetamide.
..	2 ,, ..	Acetanilide.
..	2 ,, ..	Sulphanilic acid.
..	1 ,, ..	Methyl Salicylate.
..	½ lb. ..	Urea.
..	4 oz. ..	Methyl Alcohol.
..	2 ,, ..	Acetyl Chloride.
..	4 ,, ..	Ethyl Acetate.
..	2 ,, ..	Fuchsine.
..	2 lb. ..	Rochelle Salt.
..	1 oz. ..	Sodium Nitoprusside.
..	1 lb. ..	Fuller's Earth.
..	4 oz. ..	Methyl Orange.
..	4 ,, ..	Phenolphthalein.
..	4 ,, ..	Lampblack.
1lb. ..	2 lb ..	Ether.

Section E—(*concluded*).

Column A gives the minimum requirements for work up to the High School Examination only.

Column B gives the minimum requirements for work up to the Intermediate Examination only.

Quantity.		
A.	B.	ORGANIC CHEMICALS—(*concluded*).
..	1 lb. ..	Starch.
..	4 oz. ..	Grape sugar.
..	2 lb. ..	Turpentine oil.
..	1 „ ..	Olive oil.
..	1 „ ..	Vaseline.
½ lb. ..	2 „ ..	Cane sugar
1 „ ..	1 „ ..	Paraffin wax.
..	2 oz. ..	Litmus granular
..	2 „ ..	Albumen.
..	1 lb. ..	Amylalcohol.
..	1 „ ..	Aniline.
..	2 oz. ..	Benzoic Acid.
..	1 „ ..	Gelatine.
..	2 „ ..	Indigo sulphate.
..	„ ..	Glass wool.
..	2 lb. ..	Na_2So_3 dry anhydrous.
..	2 „ ..	Sodium hyposulphite.

Section F.

Apparatus for showing lecture experiments in Chemistry.

Quantity.			Name of apparatus.
A.	B.	C*.	
..	..	1	Hoffmann's apparatus for the electrolysis of water with platinum electrodes, stand metal complete, limbs 50 C.C.
..	..	1	Water voltameter.
..	..	1	Hoffmann's apparatus for the volumetric synthesis of steam complete with vapour jacket, metal stand and binding screws.
..	..		Hoffmann's apparatus for the electrolysis of hydrochloric acid or ammonia complete with stand carbon electrodes, limbs 50 C C.
..	..	1	Hoffmann's apparatus to show the volumetric composition of hydrochloric acid by means of sodium amalgam with metal stand and clamp.
..	..	1	Glass Tube with two taps and platinum electrodes.
..	..	1	Hoffmann's apparatus for showing that 1 volume of nitrogen and 3 volumes of hydrogen unite to form 2 volumes of ammonia, limbs 50 C.C., metal stand and platinum electrodes complete.
..	..	1	Apparatus to demonstrate the volumetric composition of ammonia by the action of chlorine glass tube with tap, outer jacket and stand complete.
..	..	1	Apparatus to show the composition of carbon dioxide or sulphur dioxide.
..	..	1	Apparatus for the synthesis of acetylene.
..	..	1	Gas measuring tube graduated in C.C. with tap 50 C.C. in 1/5th.
..	..	2	Glass cutting knives.
..	..	1	Warm condenser.
..	..	1 set	Cork borer, set of 12.
..	..	1	Iron mortar and pestle.
..	..	1	Graduated pipette 25 C.C. graduated in 1/10th.
..	..	1 each	Porcelain evaporating basin, 1 litre and 2 litre capacity.
..	..	2	Perforated shieves to be used in ordinary glass funnel.
..	..	4	Glass stopcocks.
..	..	2	Flasks, 2 litre capacity.
..	..	2	,, 4 ,, ,,
..	..	..	Stout flasks, round bottomed, 80 litre capacity, wide mouth for preparing sulphuric acid.
..	..	..	Martin's chemical lecture diagrams for class illustrations, set of 99.
..	..	1	Filter paper case.
..	..	1	Gas holder.
..	..	8	Watch glass bands.
..	..	1 set	Models of crystal.
..	..	1	Hot air drying oven, 9″ × 9″ × 9″.
..	..	1	Hot water drying oven.

* For teacher's use for the Intermediate classes.

Section F —(*concluded*).

Apparatus for showing lecture experiments in Chemistry—(concluded).

Quantity.			Name of apparatus.
A.	B	C*.	
..	..	1	Aspirator metal.
..	..	2	,, glass.
..	..	3	Adapters bent 6" long.
..	..	3	,, straight 6" long.
..	..	2	Baloons ordinary.
..	..	1	Belljar open at top.
..	..	1	,, stoppered.
..	..	1	Bunsen Burner, Teclu.
..	..	2	Fletcher's Burner diam. top wire gauze 7/8.
..	..	1	,, ,, ,, 1½".
..	..	6	Flame protector metallic.
..	..	25	Wooden shades.
..	..	12	Fire clay crucibles.
..	..	2	Nickel evaporating basin.
..	..	2	Tongs with bow gun metal.
..	..	6	White porcelain tiles glazed, 5½" × 8½".
..	..	1	Detonating bottle.
..	..	2	Glass pencil.
..	..	1	Funnel 6" diameter glass.
..	..	2	Ribbed Funnel 3½" diam.
..	..	2	Measuring cylinder 250 C.C.
..	..	2	,, ,, 25 ,,
..	..	1	½-pint measure.
..	..	1	1-oz measure.
..	..	2	Pipette, 5 C.C.
..	..	1	,, 1 ,,
..	..	12	Condenser clamps.
..	..	1 doz.	Rubber corks assorted.
..	..	2	Spoons horn with spatula.
..	..	6	Wire gauze asbestos lined.
..	..	2	Glass reduction bulbs.
..	..	3	,, ,, tubes straight
..	..	3	T tubes glass.
..	..	3	Y ,, ,,
..	..	1	Pneumatic trough glass 12".
..	..	1	Beehive shelve for the above.
..	..	2	Gas jars with cover 16" × 3½" with covers.
..	..	1	Hydrometer specific gravity scale.
..	..	200	Analytical filter paper, 12·5 c m.
..	..	6	Brushes for burettes.
..	..	6	,, ,, gas jars.
..	..	4	,, ,, glass tubes.
..	..	1	Drying cylinder with bulb, hard glass.
..	..	2	Weighing bottles, stoppered.

*For teacher's use for the Intermediate classes.

N B—For replacing breakages, buying chemicals and acids, preparing distilled water and gas or buying spirits a contingent grant of Rs. 1,200 per annum for the Intermediate chemical laboratory is recommended.

Minimum requirements of an Intermediate College, Biology department.

Non recurring requisites (for a class of 16 students or a class of 32 students in two batches).

	Rs.	a.	p.
Seventeen Microscopes	2,333	4	0
Seventeen Dissecting Lens complete with stands ..	682	2	0
Two Dissecting cases	32	0	0
Ordinary balance	40	0	0
Zoology and Botany Charts	100	0	0
Physiological Apparatus	200	0	0
Chemicals, Stains and Reagents	163	5	0
Glassware and Slides	344	13	0
Skeletons	283	8	0
Dissecting Dishes, etc.	98	0	0
Museum Jars and Tubes	35	0	0
Books for Zoology and Botany	318	0	0
Miscellaneous	100	0	0
	4,730	0	0
Freight, etc. ..	270	0	0
Total ..	5,000	0	0
Recurring charges	500	0	0 a year

	£.	s.	d.	Rs.	a.	p.
Leitz Student's Microscopes, Model III—						
Complete with stand, three double nosepiece, achromatic objectives, huyghenian eyepieces—						
C/ £9-3 0 .. .. 17 only ..	155	11	0	= 2,333	4	0

FROM MESSRS. O'GILVY & Co.,
18, Bloomsbury Square, London, W. C. 1.

Or

FROM MESSRS. ADAIR, DUTT & Co.,
22, Canning Street, Calcutta, and 60, 61 and 62, Burnhill Row, London, E. C. 1.

	£.	s.	d.	Rs.	a.	p.
Dissecting Lens—						
Rack and pinion Lens-holder, improved pattern with heavy base in one piece, clamping screws and holder to carry any of the dissecting aplanats without lens—						
C/ £1-18-6 each .. .. 17 only ..	32	14	6	= 490	14	0
Lens for the above—						
15s. .. .. .. 17 only ..	12	15	0	= 191	4	0

FROM MESSRS. FLATTERS AND GARNETT,
309, Oxford Road, Manchester.

		Rs. a. p.
Dissecting Instruments—		
C/ Rs. 16 each .. .. 2 only ..		32 0 0

FROM THE SCIENTIFIC INSTRUMENT CO.,
1, Johnstongunj, Allahabad.

Or

FROM MESSRS. FLATTERS AND GARNETT,
309, Oxford Road, Manchester.

		Rs. a. p.
Balance ordinary	1 only	40 0 0

FROM THE SCIENTIFIC INSTRUMENT CO.,
1, Johnstongunj, Allahabad.

		R a. p.
Botany and Zoology Charts to be made under the supervision of the teacher	.. ..	100 0 0
Physiological Apparatus	.. .. ..	200 0 0

FROM THE SCIENTIFIC INSTRUMENT CO.,
1, Johnstongunj, Allahabad.

			Rs. a. p.
Chemicals, Stains and Reagents—			
Acid Acetic glacial, Rs. 2-8 per lb.	.. 1 lb.	..	2 8 0
,, Hydrochloric, annas 7 per lb.	.. 2 ,,	..	0 14 0
,, Nitric, annas 9 per lb. ..	.. 1 ,,	..	0 9 0
,, Sulphuric, annas 6 per lb.	.. 1 ,,	..	0 6 0
Potassium Iodide, Rs. 22 per lb	.. ½ ,,	..	11 0 0
,, Hydrate, Rs. 4-8 per lb.	.. 1 ,,	..	4 8 0
Zinc Chloride (sticks), Rs. 3 per lb.	.. 1 ,,	..	3 0 0
Iodine (resublimed), Rs. 2 per oz.	.. 4 oz.	..	8 0 0
Glycerine pure, Rs. 2-12 per lb...	.. 4 lbs	..	11 0 0
Formaline 40 per cent., Rs. 4 per lb.	.. 1 gall.	..	40 0 0
Absolute Alcohol, Rs. 5-10 per lb.	.. 2 lbs.	..	11 4 0
Oil of Cloves, Rs. 1-8 per oz.	.. 8 oz.	..	12 0 0
Xylol purif., Rs. 5-8 per lb.	.. 2 lbs	..	11 0 0
Chloroform pure, Rs. 3-8 per lb.	.. 3 lbs.	..	10 8 0
Borax, powdered, annas 12 per lb.	.. 1 lb.	..	0 12 0
Balsam in Xyl l, Rs. 1-8 per oz.	.. 4 oz.	..	6 0 0
Methylic a ohol, Rs. 15 per lb.	.. 1 lb.	..	15 0 0
	Carried over	..	148 5 0

		Rs.	a.	p.
	Brought forward ..	148	5	0
Stains—				
Haematein, Rs. 5 per 5 gram tube .. 1 tube ..		5	0	0
Methylene blue, Rs. 2-8 per 10 gram tube .. 1 „ ..		2	8	0
Eosine sol. in water, Rs. 1-8 per 5 gram tube 1 „ ..		1	8	0
Eosine sol. in alcohol, Rs. 1-8 per 5 gram tube .. .. 1 „ ..		1	8	0
Carmine rubr., Rs. 9 per oz. .. .. ½ oz. ..		4	8	0
Total ..		163	5	0

From The ORIENTAL INDUSTRIAL Co.,
9, Bondfields Lane, Calcutta.

From Messrs. FLATTERS and GARNETT,
309, Oxford Road, Manchester.

Glassware—		£. s. d.	Rs.	a.	p.
K 1378 Glass rods with knobs, 3½″ long, 11*d.* per doz. ..	2 dozen ..	0 1 10=	1	6	0
K 1354 Watch glasses 60 M. M., 2*s.* 8*d.* per doz.	5 „ ..	0 13 4=	10	0	0
K 1351 Glass boxes with lids 60×20 M. M., 2*s.* each ..	2 „ ..	2 8 0=	36	0	0
K 1207 Cover glasses, no. 15*s.* 6*d.* per oz.	6 oz. ..	1 13 0=	24	12	0
K 2001 Glass funnels 5 C.M., dia., 7*d.* each	2 only ..	0 1 2=	0	14	0
K 2001 Glass funnels 11½ C.M., dia., 1*s.* 2*d.* each	2 „ ..	0 2 4=	1	12	0
K 1200 Glass slips 3″×1″ extra thin crystal white, 6*s.* per ½ gross	2 gross ..	1 4 0=	18	0	0
K 2075 Glass beakers with tumbler form spout 250 C. C. 1*s.* 1*d.* each	6 only ..	0 6 6=	4	14	0
K 2075 Glass beakers with tumbler form spout 400 C. C., 1*s.* 4*d.* each	6 „ ..	0 8 0=	6	0	0
K 2083 Graduated cylinders 25 C. C., 2*s.* each	2 „ ..	0 4 0=	3	0	0
K 2083 Graduated cylinders 500 C. C., 5*s.* 3*d.* each ..	2 „ ..	0 10 6=	7	14	0
K 2083 Graduated cylinders 1,000 C. C.	2 „ ..	0 16 0=	12	0	0
	Carried over ..		126	8	0

		£.	s.	d.	Rs.	a.	p.
Brought forward				..	126	8	0
K 1372 Dropping bottles with grounded glass stoppers, capacity 60 C. C., 8s. 6d. per doz...	2 dozen ..	0	17	0=	12	12	0
K 1395 Balsam bottles with rods and ground on cap, capacity 30 C. C., 1s. 6d. each ..	1½ „ ..	1	7	0=	20	4	
K 1320 Staining troughs with glass covers to hold 20 slips 3″×1″ in 10 prs. grooves, £1 11s. 6d. per dozen ..	6 only ..	0	15	9=	11	13	0
K 1331 Glass tubes for staining 3¼″×1¼″ with good cross cut corks, 4s. 6d. per doz. ..	4 doz. ..	0	18	0=	13	8	0
K 1367 spirit lamp with ground on cap and brass screw wick-holders, capacity 120 C. C., 3s. each	2 only ..	0	6	0=	4	8	0
K 1416 Bone cutting forceps, best quality, nickel plated 7″, 12s. 6d. each	2 „ ..	1	5	0=	18	12	0
K 814 Triple pocket lens ¾″ dia., 3s. each	2 „ ..	0	6	0=	4	8	0
K 1208 Elder Pith per bundle 6d., 5s. 6d. per doz.	2 doz. bundles	0	11	0=	8	4	0
Grammes weights physical quality in polished boxes from 1 to 500 grams., 17s. 6d. per set ..	1 set ..	0	17	6=	13	2	0
K 1725 Test tubes (Bacteriological test tubes) 6″×¾″, 1s. 8d. per doz.	2 dozen ..	0	3	4=	2	8	0
K 1384 Widemouth stoppered bottles, capacity 500 C. C., 13s. 3d. per doz.	2 „ ..	1	6	6=	19	14	0
K 1384 Widemouth stoppered bottles, capacity 300 C. C., 11s. 3d. per doz.	2 „ ..	1	2	6=	16	14	0
K 1937 Belljars for Microscopes 46 C. M.×30 C. M., 12s. 9d. each	2 only ..	1	5	6=	19	2	0
Prepared slides (Histological and Physiological slides) can be obtained from the above firm.. ..	..	3	10	0=	52	8	0
					344	13	0

Skeletons—

FROM MESSRS. CHANDLER & Co.,
10, South Road, Allahabad, United Provinces.

			Rs.	a.	p.
Rabbit (disarticulated skeletons), Rs. 9 each	17 only	..	153	0	0
Wooden box for the above, annas 14 each ..	17 ,,	..	14	14	0
Rabbit (articulated skeletons), Rs. 15 each ..	1 ,,	..	15	0	0
Frog (disarticulated skeletons), Rs. 3 each ..	17 ,,	..	51	0	0
Wooden boxes, annas 10 each	17 ,,	..	10	10	0
Frog (articulated skeletons), Rs. 5 each ..	1 ,,	..	5	0	0
Dog skulls, Rs. 2 each	17 ,,	..	34	0	0
			283	8	0

Dissecting Dishes, etc.—

			Rs.	a.	p.
Dissecting Boards 22″×15″×1½″ Rs. 1-8 each	17 only	..	25	8	0
Dissecting Dishes 12″×8½′×2¾″, Rs. 4 each..	17 ,,	..	68	0	0
Awls for pinning specimens for dissection, annas 6 per dozen	1 gross	..	4	8	0
			98	0	0

Museum Jars, etc.

FROM MESSRS. GEORGE HOLT & Co.
49, Kingswood Road, Brixton Hill, London S. W. 2.

		£.	s.	d.	Rs.	a.	p.
Specimen tubes, fig. 21, 2″×½″, 1*s.* 5*d.* per dozen	4 dozen ..	0	5	8=	4	4	0
Specimen tubes, fig. 21, 4″×1″, 5*s.* 6*d.* per dozen	2 ,, ..	0	11	0=	8	4	0
Cylindrical Museum Jars, 8″×4″, £3 per dozen	⅓ ,, ..	1	10	0=	22	8	0
					35	0	0

LIST OF BOOKS FOR ZOOLOGY AND BOTANY.

Zoology—

		Rs.
1.	Text-book of Zoology by Parker and Haswell, vols. I and II	50
2.	Vertebrate skeleton by Reynold	15
3.	Practical Zoology by Marshall and Hurst	12
4.	Frog by Marshall	3
5.	Biology by Llyod	8
6.	Biology and its Makers by Locy	15
7.	The Microtomist Vade Mecum by Bolles Lee and Gatenby (latest edition)	12
8.	Comparative Anatomy of Animals by Bourne, vols. I and II ..	12
9.	Variation and Heredity by Lock	14
10.	Schafer's Essentials of Histology	15
11.	Comparative Anatomy by Weidersheim and Parker (English edition)	15
12.	Biology of Frog by Holmes	15
13.	Elementary Physiology by Huxley (latest edition) ..	12
		198

Botany—

		Rs.
1.	Strasburger Botany	20
2.	Strasburger and Hill House Practical Botany	20
3.	Lowson's Botany	10
4.	Oliver's Indian Botany	10
5.	Scott's Structural Botany	15
6.	Green's Botany	15
7.	Tansley's Plant Biology	10
8.	Practical Botany by Gwynne and Vaughan	10
9.	Mitra's Botany, vols. I and II	10
		120
	Total ..	318

From Messrs. H. K. LEWIS & Co.,
136, Gower *on, England.*

APPENDIX I.

FORMS.

(1) Forms of applications for the recognition of institutions for the Board's Examinations.

Application for the recognition of _____

_____ **for the High**

School / **Intermediate College**

School $\frac{\text{or}}{\text{and}}$ **Intermediate Examination.**

---

*1. (*a*) **The general desirability of the institution with reference to the suitability and sufficiency of existing institutions in the locality.**

Statement by the authorities of the institution.	Remarks of Inspector or Inspectors.

(*b*) **The special aims of the institution.**

Statement by the authorities of the institution.	Remarks of Inspector or Inspectors.

(*c*) **The probable effect on existing institutions.**

Statement by the authorities of the institution.	Remarks of Inspector or Inspectors.

*Columns 1 (*a*), (*b*), and (*c*) should be filled up by *new* institutions only.

2. Is the Committee of Management registered as a society under Act XXI of 1860?

Names of the members of the Committee of Management.	Names of the members of the Executive Committee (if any).

3. Name of Manager or Secretary or Correspondent, as the case may be.

Statement by the Manager or Secretary.	Remarks of Inspector or Inspectors.

4. Number of scholars in each class or section of a class

Class (with section).	Number of scholars in each section.	Statement by the Manager or Secretary.	Remarks of Inspector or Inspectors.

5. Accommodation provided in class-rooms and in hostels.

This statement should be accompanied by a sketch ***drawn to scale (a)*** of the school compound, showing the location of all buildings on it: *(b)* of the school building, showing the class-rooms and other rooms, and the purposes for which the several rooms are used; and *(c)* of the hostel or hostels.

Statement by the Manager or Head of the institution.	Remarks of Inspector or Inspectors.

6. Subjects in which recognition is sought, and the Vernacular or Vernaculars proposed to be taught.

Statement by the Manager or Head of the institution.	Remarks of Inspector or Inspectors.

7. Qualifications and rates of pay of the teaching staff.

No.	Names of teachers with designation.*	Qualifications (Degrees, Diplomas, Certificates, etc.)	Scale of pay.†	Statement by the Manager.	Remarks of Inspector or Inspectors.

| | | |

8. Special arrangements, if any, made for the teaching of any subject or subjects.

Statement by the Manager or Head of the institution	Remarks of Inspector or Inspectors.

9. Provision and appliances for the teaching of—

(*a*) **Science,**
(*b*) **Drawing,**
(*c*) **Commerce,**
(*d*) **Manual Training,**
(*e*) **Agriculture,**
(*f*) **Domestic Science,**
(*g*)_____;
(*h*)_____,
(*i*)_____,
(*j*)_____,

Remarks of Inspector or Inspectors.	
Statement by the Manager or Head of the institution.	

10. Provision made for the medical examination, health, recreation, physical training and discipline of scholars.

Statement by the Manager or Head of the institution.	Remarks of Inspector or Inspectors.

11. Scale of fees charged, and the provision, if any, for the admission of poor scholars.

Statement by the Manager.	Remarks of Inspector or Inspectors.

12. Financial position of the institution.

Income for recurring tuitional expenditure.				
Details of income.	Estimated income during the first year (*a*).	Estimated income during the second year (*b*).	Average annual income (*c*).	Remarks of Inspector or Inspectors.
1. To Balance on 1st April (if in hand)				
2. To (*a*) Government grant ..				
(*b*) Municipal or District Board grants.				
3. To net income from endowments				
4. To voluntary contributions ..				
(*a*) From private individuals				
(*b*) From societies ..				
5. To income from other sources (to be specified).. ..				
6. To fees: —				
(*a*) Tuition fees ..				
(*b*) Certificate fees ..				
(*c*) Other fees or fines from scholars.				

Recurring tuitional expenditure.				
Details of expenditure.	Estimated expenditure during the first year (*a*).	Estimated expenditure during the second year (*b*).	Average annual expenditure (*c*).	Remarks of Inspector or Inspectors.
1. By Balance on 1st April (if overdrawn)				
2. By Salaries of Staff:—				
(*a*) Teaching Staff (Principal, Head Master and Assistant Masters).				
(*b*) Clerical Staff (including clerks and librarians).				
(*c*) Menial Staff				
3. By Office contingent expenses				
4. ,, Provident Fund ..				
5. ,, Allowances (not to be included under specified salaries).				
6. ,, Rent and Taxes ..				
7. ,, Prizes				
8. ,, Stationery and books for teachers.				
9. ,, Petty repairs				

					10.	„ Repair or replacement of furniture.					
					11.	„ Upkeep of School equipment (Science, Manual Training, Commerce, etc.)					
					12.	„ Library					
					13.	„ Hot and cold weather charges.					
					14.	„ Audit charges ..					
					15.	„ Contribution to Reserve Fund.					
					16.	„ Other charges (to be specified).					
Total ..						Total ..					

(a) 'First year' means the year in which the school begins to work $\frac{\text{as a High School, with only Class IX}}{\text{as an Intermediate College, with only Class XI}}$ as an additional class.

(b) 'Second year' means the year in which the school becomes a full $\frac{\text{High School, with classes IX and X}}{\text{Intermediate College, with classes XI and XII}}$.

(c) 'Average annual' income and expenditure mean the normal income and expenditure after the school has become a full High School or Intermediate College.

NOTES.—(1) Important variations in estimates of income and expenditure should be explained.

(2) From this statement of recurring income and expenditure, accounts of the Recreation Fund, Scholarships, Students' Societies (such as a Literary or Scientific Society or Debating Club), Reading Room, Hostel expenditure on religious instruction, all items of non-recurring expenditure, and all accounts not directly concerned with the secular instruction of the students, should be excluded.

13. Certificate to be signed by the Manager or Head Master or Principal of the institution applying for recognition.

I HEREBY certify that the statements made in this application are correct, and I undertake that in case the institution is recognized for the $\frac{\text{High School}}{\text{Intermediate}}$ Examination, I shall abide by the Regulations of the Board of High School and Intermediate Education, United Provinces.

Dated _____,

Manager, Head Master or Principal,

_____ *School*
College,

_____

14. Recommendations of Inspector or Inspectors.

[In making recommendation, Inspectors should state whether and in what subjects or on what conditions recognition should in their opinion be granted.]

Dated — ——————,

(Signed.)

Inspector of Schools—— Division

Inspectors

B

Application for the recognition of _____

_____ School / Intermediate College in additional optional subjects

_____ for the High School / Intermediate

Examination of the Board.

1. The general desirability of the institution with reference to the suitability and efficiency of existing institutions in the locality, with an explanation of the need for starting new classes

Statement by the authorities of the institution.	Remarks of Inspector or Inspectors.

2. The probable effect on existing institutions.

Statement by the authorities of the institution.	Remarks of Inspector or Inspectors.

3. Number of scholars in each class in the subjects in which the institution is recognised.

Subjects.	Number of scholars in				Remarks of Inspector or Inspectors.
	VIII.	IX.	X.	XI.	
Classical Languages.					
Indian Vernaculars.					
Other subjects					

4 (a). Additional subject or subjects in which recognition is sought.

Statement by the authorities of the institution.	Remarks of Inspector or Inspectors.

4(b). Probable number of students expected to take up the new subject or subjects.

Name of the new subject or subjects.	Probable number of students	Remarks of Inspector or Inspectors.

4(c) Provision, appliances and special arrangements, if any, made for the teaching of the new subject or subjects.

Statement by the authorities of the institution.	Remarks of Inspector or Inspectors.

5. Accommodation provided for the new class.

(a) Plans should be submitted if new rooms are to be added.

(b) This statement should be accompanied by a sketch drawn to scale [in case no such sketch has been submitted on any previous occasion] (a) of the school compound, showing the location of all buildings on it, (b) of the school building showing the class rooms and other rooms, and the purposes for which the several rooms are used and (c) of the hostel or hostels.

Statement by the authorities of the institution.	Remarks of Inspector or Inspectors.

6. List showing qualifications and rates of pay of the present staff, showing *separately* the additional staff proposed to be engaged for the teaching of the new subject or subjects.*

Number.	Names of teachers with designation.	Qualifications (Degrees, Diplomas, Certificates, etc.)	Scale of pay. †	Statement by the authorities of the institution.	Remarks of Inspector or Inspectors.

| | | |

7. **Probable cost [giving details] of starting the new classes.**

Recurring expenditure.				Non-recurring expenditure.				How it is proposed to meet the additional cost.	Remarks of Inspector or Inspectors.
Details of expenditure.	Estimated expenditure during the first year.	Estimated expenditure during the second year.	Average annual expenditure.	Details of expenditure	Estimated expenditure during the first year.	Estimated expenditure during the second year.	Remarks.		

8. Certificate to be signed by the Manager or Head Master or Principal of the institution applying for recognition.

I hereby certify that the statements made in this application are correct, and I undertake that in case the institution is recognised, I shall abide by the Regulations of the Board of High School and Intermediate Education, United Provinces.

*Dated*_____

Manager, Head Master or Principal,
School
College

9. Remarks of Inspector or Inspectors.

In making recommendations Inspectors should state whether and on what conditions recognition should in their opinion be granted.

Dated _____ *Inspector of Schools*_____ *Division.*

(2) Forms of applications for admission to the Board's Examinations.

Roll no.——————

BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION,

UNITED PROVINCES.

HIGH SCHOOL EXAMINATION, 1927.

This application must reach the office of the Secretary, Board of High School and Intermediate Education, United Provinces, Allahabad, on or before January 5, 1927.

APPLICATION.

To

THE SECRETARY, BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION, UNITED PROVINCES, ALLAHABAD.

SIR,

I REQUEST permission to appear at the ensuing High School Examination of the Board of High School and Intermediate Education, United Provinces.

The prescribed fee has been paid.

I am, etc.,

Dated the——————192 .

(Name to be written in full and very legibly.)

CERTIFICATE BY THE HEAD MASTER OR PRINCIPAL.

I HEREBY certify that has attended a regular course of study in a recognised institution (as required by Board's Regulations—vide footnote to Regulation 4, Chapter XVII and that $\frac{\text{his}}{\text{her}}$ date of birth, according to the register of the $\frac{\text{School}}{\text{College}}$ is.*

I also certify that $\frac{\text{his}}{\text{her}}$ character and conduct have been satisfactory, and that $\frac{\text{he}}{\text{she}}$ has paid the prescribed examination fee.

† I also certify that $\frac{\text{he}}{\text{she}}$ has actually performed the expriments laid down in the syllabus.

Head Master
Principal
School
College

Dated the——————192 .

* Enter here date, month and year, and not month and year only.

† For science candidates only.

PARTICULARS TO BE FILLED IN BY THE CANDIDATE.

1 Name (in full) .. .. _____

2 Optional subject (*a*) .. _____

3. Vernacular (*b*) .. .. _____

4. Does he offer a Vernicular medium, if so Hindi or Urdu ? (*c*). _____

5 Caste, if Hindu ; otherwise, religion .. .. .. _____

6. District and town or village where resident .. .. _____

7. Length of residence in the—
(*a*) United Provinces _____
(*b*) Ajmer-Merwara _____
(*c*) Rajputana .. _____
(*d*) Central India .. _____

8. Name of father .. .. _____

9. Name of guardian .. .. _____

*10. (i) Name of the subject in which eligible for compartmental examination.. .. _____

(ii) Subjects offered at the previous High School examination,
1. Optional _____
2. Vernacular _____

_____
(*Signature of Candidate in full.*)

(*a*) Candidates taking Commerce should clearly show whether for Commerce second paper, they offer "Book-keeping or Typewriting."

(*b*) This will also be the Vernacular from which the candidate will be required to translate in the third paper of English (Translation from Vernacular into English and composition in English.)

(*c*) Vernacular medium candidates must stick to only one medium (Hindi or Urdu). Those who do not offer a Vernacular medium should enter the word "no" here.

*In the case of compartmental candidates only

BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION,

UNITED PROVINCES.

HIGH SCHOOL EXAMINATION, 1927.

ADMISSION CARD.

All the entries except those for Roll number and centre should be filled up in the office of the Headmaster or Principal.

Admit _____

(Roll no. _____) of _____ School / College

_____ to _____ Centre

A. C. MUKERJI, M.A., RAI BAHADUR,
Secretary, Board of High School and Intermediate Education, United Provinces.

ALLAHABAD:
March 15, 1927.

Issued on _____ 1927.

Signature _____
Head Master, / Principal

_____ *School. / College*

RULES FOR THE GUIDANCE OF CANDIDATES.

1.—The dates and the hours of the High School Examination of 1927 will be notified separately.

2.—The doors of the Examination Hall will be opened a quarter of an hour before the commencement of each examination and will be closed at the time of commencement daily, after which no candidate will be admitted.

3.—A seat marked with his Roll number will be allotted to each candidate and a book in which to write his answers will be found on his desk. Candidates will be required to find out their allotted seats for themselves.

4.—Candidates are not to have about them, while sitting to answer their papers, any books, notes or papers whatever.

5.—The answers must be written on one side of the page only, the other side may be used for rough work and no portion of the answer-book provided may be torn out. If a candidate wishes to cancel any part of his answers, he may do so by drawing distinct lines across it.

6.—All candidates are required to provide their own pens. To answer the second paper of Domestic Science on sewing and cutting out, candidates are required to provide their own needles, thread and pair of scissors. Blotting paper will be supplied in the answer-books.

7.—Candidates must obey any instructions they receive from the Officer in charge of the examination.

8.—Candidates must produce their Admission Cards when demanded.

9.—A duplicate copy of the Admission Card is issued on payment of two rupees.

10.—No guarantee will be given to the candidates as to the order in which, and the dates on which, the question papers will be given to them.

11.—Candidates must await the publication of the result in Part IV of the *United Provinces Government Gazette*. No inquiries by wire or letter can be attended to. If any candidate wants a copy of Part IV of the *Government Gazette*, in which the result will be published, he should apply for it to the Superintendent, Government Press, Allahabad.

A. C. MUKERJI, M A, RAI BAHADUR,
Secretary, Board of High School and Intermediate Education, United Provinces.

ALLAHABAD:
March 15, 1927

Roll No. _____

BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION,

UNITED PROVINCES.

INTERMEDIATE EXAMINATION, APRIL, 1927.

This application must reach the Office of the Secretary, Board of High School and Intermediate Education, United Provinces, Allahabad, on or before the 5th January, 1927.

APPLICATION.

To

THE SECRETARY, BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION, UNITED PROVINCES, ALLAHABAD.

SIR,

I REQUEST permission to present myself at the ensuing Intermediate Examination of the Board of High School and Intermediate Education, United Provinces.

The prescribed fee has been paid.

I am, etc.,

(Name to be written in full and very legibly.)

CERTIFICATE.

This certificate is to be signed by the Principal of the College.

I CERTIFY that the abovenamed candidate has satisfied me * that he has passed the Board's High School Examination or an examination declared equivalent thereto, vide Regulation 2, Chapter XIV of the Board's Regulations; that I know nothing against his character which ought to exclude him from this Examination; that he has attended a regular course of study at College as required by the Regulation—vide footnote to Regulation 4, Chapter XVII—in each and all of the subjects offered; that he has paid the prescribed examination fee; and that I believe the sub-joined account to be true.

Name _____

Principal _____,

_____*College.*

The _____ 1927.

* The forwarding officer is particularly requested to inspect each candidate's original certificate of passing the previous examination.

PARTICULARS TO BE FILLED IN CORRECTLY AND LEGIBLY BY THE CANDIDATE.

1. Name (in full) .. .. ———————————

2. Date of birth .. .. ———————————

3 Name of father .. .. ———————————

4 Name of guardian .. .. ———————————

5 Caste, if Hindu; otherwise, religion .. .. ———————————

6. Race (i.e., nation, tribe, etc.) .. ———————————

7. District and town or village where resident .. .. ———————————

8. Length of residence in—

(*a*) United Provinces .. ———————————

(*b*) Rajputana .. .. ———————————

(*c*) Ajmer-Merwara .. ———————————

(*d*) Central India .. .. ———————————

9 Language from which translation is to be made into English in the third English paper or English composition in the case of candidates whose mother-tongue is English .. ———————————

10. Date of passing the High School or an equivalent examination together with the name of the examination passed .. ———————————

11. The name of the optional subjects offered* .. .. (1) ——— (2) ——— (3) ———

12. Whether eligible for compartmental examination; if so, the name of the subject .. ———————————

13. Whether he appeared at the Intermediate examination of any previous year, if so, the year in which appeared .. .. ———————————

(Signature of candidate in full.)

* In the case of History, the name of History [e.g. Modern History (Indian-European History Indian-English, Ancient History] should be definitely mentioned.

BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION,

UNITED PROVINCES.

INTERMEDIATE EXAMINATION, 1927.

ADMISSION CARD.

All the entries except those for Roll number and centre should be filled up in the office of the Principal.

Admit----------

(Roll no.----------) of ---------- College

---------- to ---------- Centre.

A. C. MUKERJI, M.A., RAI BAHADUR,
Secretary, Board of High School and Intermediate Education, United Provinces.

ALLAHABAD:
The 15th March, 1927.

Issued on---------- 1927.

Signature----------

---------- *Principal,*

---------- *College.*

RULES FOR THE GUIDANCE OF CANDIDATES.

1.—The dates and the hours of the Intermediate Examination of 1927 will be notified separately.

2.—The doors of the Examination Hall will be opened a quarter of an hour before the commencement of each examination and will be closed at the time of commencement daily, after which no candidate will be admitted.

3.—A seat marked with his Roll number will be allotted to each candidate and a book in which to write his answers will be found on his desk. Candidates will be required to find out their allotted seats for themselves.

4.—Candidates are not to have about them, while sitting to answer their papers, any books, notes or papers whatever.

5.—The answers must be written on one side of the page only, the other side may be used for rough work and no portion of the answer book provided may be torn out. If a candidate wishes to cancel any part of his answers, he may do so by drawing distinct lines across it.

6.—All candidates are required to provide their own pens.

7.—Candidates must obey any instructions they receive from the Officer in charge of the examination.

8.—Candidates must produce their admission cards when demanded.

9.—A duplicate copy of the admission card is issued on payment of two rupees.

10.—No guarantee will be given to the candidates as to the order in which, and the dates on which, the question papers will be given to them.

11.—Candidates must await the publication of the result in the *United Provinces Government Gazette*. No inquiries by wire or letter can be attended to. If any candidate wants a copy of the *Government Gazette*, in which the result will be published, he should apply for it to the Superintendent, Government Press, Allahabad

A. C. MUKERJI, M.A., RAI BAHADUR,
Secretary, Board of High School and Intermediate Education, United Provinces.

ALLAHABAD :
The 15th March, 1927.

Roll No. ———

BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION,

UNITED PROVINCES.

COMMERCIAL DIPLOMA EXAMINATION, APRIL, 1927.

This application must reach the office of the Secretary, Board of High School and Intermediate Education, United Provinces, Allahabad, on or before the 5th January, 1927.

APPLICATION.

To

THE SECRETARY, BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION, UNITED PROVINCES, ALLAHABAD.

SIR,

I REQUEST permission to present myself at the ensuing Commercial Diploma Examination of the Board of High School and Intermediate Education, United Provinces.

The prescribed fee has been paid.

I am, etc.,

Student —— *College.*

[Name to be written in full and clearly.]

CERTIFICATE.

This certificate is to be signed by the Principal of the College.

I CERTIFY that the abovenamed candidate has satisfied me* that he has passed the Board's High School Examination or an examination equivalent thereto; that I know nothing against his character which ought to exclude him from this Examination; that he has attended a regular course of study at College in each and all of the subjects offered; that he has paid the prescribed examination fee and that I believe the sub-joined account to be true.

Name ——

Principal ——

—— *College.*

The ——— 1927.

* The forwarding officer is particularly requested to inspect each candidate's original certificate of passing the previous examination

PARTICULARS TO BE FILLED IN CORRECTLY AND LEGIBLY BY THE CANDIDATE.

1. Name (in full) .. .. _____

2. Date of birth .. .. _____

3. Name of father .. .. _____

4. Name of guardian .. .. _____

5. Caste, if Hindu; otherwise, religion .. .. .. _____

6. Race (*i.e.*, *nation, tribe, etc*, *etc.*) .. .. .. _____

7. District and town or village where resident .. .. _____

8. Length of residence in—

(*a*) United Provinces .. _____

(*b*) Rajputana .. .. _____

(*c*) Ajmer-Merwara .. _____

(*d*) Central India .. .. _____

9. Date of passing the High School or an equivalent examination together with the name of the examination passed .. _____

10. Optional subject .. .. _____

11. Whether eligible for compartmental examination; if so, the name of the subject .. _____

12. Whether he appeared at the Commercial Diploma Examination of any previous year; if so, the year in which appeared .. _____

(*Signature of candidate in full.*)

BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION,

UNITED PROVINCES.

COMMERCIAL DIPLOMA EXAMINATION, 1927.

ADMISSION CARD.

All the entries except those for Roll number and centre should be filled up in the office of the Principal.

Admit ——————————————————

(Roll no. ——————) of ——————————College

——————————————— to ——————————Centre.

A. C. MUKERJI, M.A., RAI BAHADUR,
Secretary, Board of High School and Intermediate Education, United Provinces.

ALLAHABAD:
The 15th March, 1927.

Issued on ——————————1927.

Signature ——————————:
Principal.

——————————*College.*

RULES FOR THE GUIDANCE OF CANDIDATES.

1.—The dates and the hours of the Commercial Diploma Examination of 1927 will be notified separately.

2.—The doors of the Examination Hall will be opened a quarter of an hour before the commencement of each examination and will be closed at the time of commencement daily, after which no candidate will be admitted.

3.—A seat marked with his Roll number will be allotted to each candidate and a book in which to write his answers will be found on his desk. Candidates will be required to find out their allotted seats for themselves.

4.—Candidates are not to have about them, while sitting to answer their papers, any books, notes or papers whatever.

5.—The answers must be written on one side of the page only, the other side may be used for rough work and no portion of the answer-book provided may be torn out. If a candidate wishes to cancel any part of his answers, he may do so by drawing distinct lines across it.

6.—All candidates are required to provide their own pens.

7.—Candidates must obey any instructions they receive from the Officer in charge of the Examination.

8.—Candidates must produce their admission cards when demanded.

9.—A duplicate copy of the admission card is issued on payment of Rs. 2.

10.—No guarantee will be given to the candidates as to the order in which, and the dates on which, the question papers will be given to them.

11.—Candidates must await the publication of the result in par IV of the *United Provinces Government Gazette*. No inquiries by wire or letter can be attended to. If any candidate wants a copy of Part IV of the *Government Gazette*, in which the result will be published, he should apply for it to the Superintendent, Government Press, Allahabad.

A. C. MUKERJI, M.A., RAI BAHADUR,
Secretary, Board of High School and Intermediate Education United Provinces.

ALLAHABAD :

The 15th March, 1927

Roll no._____

BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION,

UNITED PROVINCES.

AGRICULTURAL DIPLOMA EXAMINATION, APRIL, 1927.

This application must reach the office of the Secretary, Board of High School and Intermediate Education, United Provinces, Allahabad, on or before the 5th January, 1927.

APPLICATION.

To

THE SECRETARY, BOARD OF HIGH SCHOOL
AND INTERMEDIATE EDUCATION,
UNITED PROVINCES, ALLAHABAD.

SIR,

I REQUEST permission to present myself at the ensuing Agricultural Diploma Examination of the Board of High School and Intermediate Education, United Provinces.

The prescribed fee has been paid.

I am, etc.,

*Student*_____*College.*

[*Name to be written in full and clearly.*]

CERTIFICATE.

I CERTIFY that the abovenamed candidate has satisfied me* that he has passed the Board's High School Examination or an examination equivalent thereto; that I know nothing against his character which ought to exclude him from this examination; that he has attended a regular course of study at College in each and all of the subjects offered; that he has paid the prescribed examination fee; and that I believe the subjoined account to be true.

This certificate is to be signed by the Principal of the College.

Name _____

Principal _____

_____*College.*

*The*_____ 192

* The forwarding officer is particularly requested to inspect each candidate's original certificate of passing the previous examination.

PARTICULARS TO BE FILLED IN CORRECTLY AND LEGIBLY BY THE CANDIDATE.

1. Name (in full) .. ..

2. Date of birth .. ..

3. Name of father .. ..

4. Name of guardian .. ..

5. Caste, if Hindu; otherwise, religion .. ..

6. Race (i. e., nation, tribe, etc., etc.) .. .. ..

7. District and town or village where resident .. ..

8. Length of residence in—

(*a*) United Provinces ..

(*b*) Rajputana .. ..

(*c*) Ajmer-Merwara ..

(*d*) Central India ..

9. Date of passing the High School or an equivalent examination together with the name of the examination passed .. ..

10. Language from which translation is to be made into English in the first English Paper .. ..

(*Signature of candidate in full.*)

BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION,

UNITED PROVINCES.

AGRICULTURAL DIPLOMA EXAMINATION, 1927

ADMISSION CARD.

All the entries except those for Roll number and centre should be filled up in the office of the Principal.

Admit _____.

(Roll no. _____) of _____ College

_____ to _____ Centre.

A. C. MUKERJI, M.A., RAI BAHADUR,
Secretary Board of High School and Intermediate Education, United Provinces.

ALLAHABAD:
The 15th March, 1927.

Issued on _____ 192 .

Signature _____

_____ *Principal,*

_____ *College.*

RULES FOR THE GUIDANCE OF CANDIDATES.

1.—The dates and the hours of the Agricultural Diploma Examination, 1927 will be notified separately.

2.—The doors of the Examination Hall will be opened a quarter of an hour before the commencement of each examination and will be closed at the time of commencement daily, after which no candidate will be admitted.

3.—A seat marked with his Roll number will be allotted to each candidate and a book in which to write his answers will be found on his desk. Candidates will be required to find out their allotted seats for themselves.

4.—Candidates are not to have about them, while sitting to answer their papers, any books, notes or papers whatever.

5.—The answers must be written on one side of the page only, the other side may be used for rough work and no portion of the answer-book provided may be torn out. If a candidate wishes to cancel any part of his answers, he may do so by drawing distinct lines across it.

6.—All candidates are required to provide their own pens.

7.—Candidates must obey any instructions they receive from the officer in charge of the examination.

8.—Candidates must produce their admission cards when demanded.

9.—A duplicate copy of the admission card is issued on payment of Rs. 2.

10.—No guarantee will be given to the candidates as to the order in which, and the dates on which, the question papers will be given to them.

11.—Candidates must await the publication of the result in Part IV of the *United Provinces Government Gazette*. No inquiries by wire or letter can be attended to. If any candidate wants a copy of Part IV of the *Government Gazette* in which the result will be published, he should apply for it to the Superintendent, Government Press, Allahabad.

A. C. MUKERJI, M.A., RAI BAHADUR,

Secretary, Board of High School and Intermediate Education,
United Provinces.

ALLAHABAD:

The 15th March, 1927.

BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION,

UNITED PROVINCES.

For Private Candidates only.

P **HIGH SCHOOL EXAMINATION, 1927.** P

This application must reach the office of the Secretary, Board of High School and Intermediate Education, United Provinces, Allahabad, on or before the 1st October, 1926.

APPLICATION.

To

THE SECRETARY, BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION,
UNITED PROVINCES, ALLAHABAD.

SIR,

I BEG to apply for permission to appear at the ensuing High School Examination of the Board of High School and Intermediate Education, United Provinces.

I am, etc.,

Private Candidate.

The address of the candidate to be given here———————————

———————————

———————————

CERTIFICATE.

I CERTIFY that I know nothing against the character of the above-named candidate which ought to exclude $\frac{\text{him}}{\text{her}}$ from the High School Examination; that $\frac{\text{he}}{\text{she}}$ has signed the above application in my presence; that I believe the subjoined account to be true; and that the conditions under which $\frac{\text{he}}{\text{she}}$ has been studying and is proposing to continue $\frac{\text{his}}{\text{her}}$ studies are satisfactory. I recommend that $\frac{\text{he}}{\text{she}}$ may be allowed to appear at the examination as a private candidate.

"This certificate is to be signed by a Divisional Inspector of Schools, or the head of an educational institution recognised by the Board for the High School Examination In the case of a failed candidate this certificate is to be signed by the head of the institution at which $\frac{\text{he}}{\text{she}}$ last studied.

Name———————————

Designation ———————————

Station———————————

The———————————1926.

N. B.—(1) The countersigning officer should assure himself that the applicant has given the full particulars required in the application and has attached to the application the necessary certificates.

(2) Applications received after the date prescribed above will not be considered.

PARTICULARS TO BE FILLED IN CORRECTLY AND LEGIBLY BY THE CANDIDATE.

1. Name in full .. .. _____

2. Age (at the time of submitting this application) .. _____ years _____ months.]

3. District and town or village where resident .. .. _____

4. Length of residence in the—
   (a) United Provinces .. _____
   (b) Ajmer-Merwara .. _____
   (c) Rajputana .. _____
   (d) Central India .. _____

5. *The optional subject (and papers when alternative papers exist) and the vernacular which the candidate offers .. ..(Optional) _____ (Vernacular) _____

6. School last attended (a) .. _____

7. Date of leaving school (a) .. _____

8. Class in which the candidate was reading at the time of leaving (a) .. .. .. _____

9. Reasons for discontinuing school studies .. .. .. _____

10. If the candidate left at the end of the session, whether promoted or not (a) .. . .. _____

Failure to comply with all the conditions or to give full particulars of information may entail rejection of application.

*Candidates must take up one optional subject for the examination and no candidate will be examined in more than one such subject. Vernacular is a compulsory subject and every candidate must offer one of the vernaculars recognised for the examination.

(a) To be filled in by candidates appearing for the first time at the examination. The *original copy of the scholar's register must be forwarded with the application.*

PARTICULARS TO BE FILLED IN CORRECTLY AND LEGIBLY BY THE CANDIDATE—(*concluded*).

11. Date of the candidate's last failing at the High School or an equivalent examination (*b*) .. _____

12. Full name of the examination last taken (*b*) .. .. _____

13. Optional subject and the vernacular offered at the last examination .. .. .. (Optional)_____ (Vernacular)

14. Subjects of failure in the last examination (*b*) .. .. _____

15. Name of the school from which the candidate appeared (*b*) .. _____

16. Arrangements for practical work, if such is necessary for study of optional subject (certificate should be attached).. .. _____

17. Where to be examined .. _____

18. †The medium in which the candidate will answer questions in the subjects specified below (English or Urdu or Hindi) .. _____

(*Signature of candidate in full.*)

(*b*) To be filled in by failed candidates only.

Candidates appearing for the first time from beyond the territorial jurisdiction of the Board must give adequate reasons for their taking the United Provinces Examination. Age-limit or other restriction imposed by the local University or examining authority will be equally enforced by the United Provinces Board in the case of such candidates, even although such restriction is not imposed on the United Provinces candidates.

Candidates will not be allowed to offer an optional subject in the study of which practical work is necessary, even although there is no practical examination, unless completely satisfactory arrangements for their practical work exist.

A candidate who failed in the examination of a previous year and who desires to offer new subjects for the next examination must give adequate reasons and show (*with certificates on the arrangements made*) that he can satisfactorily complete the course of study in the new subjects.

Candidates shall not be allowed to offer for their examination any subject even if the subject is recognised for the examination which is not being taught in a recognised institution or in which no institution is recognised.

† Candidates for the High School Examination of 1927, shall be permitted to answer questions in English or in Urdu or Hindi in the following subjects only and with the limitations noted against each:—

(1) Sanskrit and Hindi	through the medium of	English or Hindi.
(2) Arabic, Persian and Urdu	ditto	English or Urdu.
(3) History and Geography	ditto	English or Hindi or Urdu.
(4) Agriculture	ditto	English or Hindi or Urdu.

Candidates will in no case be allowed to withdraw or change at a subsequent date their declaration made in column 18 above as to the medium they will employ in answering their questions in the subjects specified above.

Roll No._____

BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION,

UNITED PROVINCES.

For Private Candidates only.

P HIGH SCHOOL EXAMINATION, APRIL, 1927. P

This application must reach the office of the Secretary, Board of High School and Intermediate Education, United Provinces, Allahabad, on or before the 5th January, 1927.

APPLICATION.

To

THE SECRETARY, BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION, UNITED PROVINCES, ALLAHABAD.

SIR,

I REQUEST permission to present myself at the ensuing High School Examination of the Board of High School and Intermediate Education, United Provinces.

† The prescribed fee { is sent by money-order / has been credited into the Government Treasury }.

I am, etc.,

Address :—_____

_____

Private Candidate.

[Name to be written in full and clearly.]

CERTIFICATE.

I CERTIFY that I know nothing against the character of the above-named candidate which ought to exclude $\frac{\text{him}}{\text{her}}$ from the High School Examination ; that $\frac{\text{he}}{\text{she}}$ has signed the above application in my presence ; and that I believe the subjoined account to be true.

‡ This certificate is to be signed by a Divisional Inspector of Schools, or the head of an educational institution recognized by the Board for the High School examination (*a*) or the head of the institution at which the candidate last studied.

‡ *Signature* _____

Designation _____

Station _____

The _____ 192 .

The Admission Card will be sent to the officer who signs this application form and not direct to the candidate.

†1. The forwarding officers inside the United Provinces should realize the amount of fees from the candidates and credit it into the local Government Treasury under the head "XXI—Education, E. General—Miscellaneous Fees, Provincial Examinations." A copy of the Treasury *chalan* should be forwarded to the Secretary, Board of High School and Intermediate Education, United Provinces, Allahabad, along with the application forms.

2. The forwarding officers in Indian States or outside the United Provinces should realize the amount of fees from the candidates and send it by money-order to the Secretary, Board of High School and Intermediate Education, United Provinces, Allahabad, but in either case the postal charges should be paid by the candidates.

‡ This certificate should be signed by the same officer who forwarded the candidate's previous application.

(*a*) In the case of a failed candidate only.

PARTICULARS TO BE FILLED IN CORRECTLY AND LEGIBLY BY THE CANDIDATE.

1. Name (in full) .. .. _____
2. Date of birth (date, month and year to be entered here and not month and year only) .. _____
3. Name of father .. .. _____
4. Name of guardian .. .. _____
5. Caste, if Hindu; otherwise religion .. .. .. _____
6. District and town where resident _____
7. Length of residence in the—
   (*a*) United Provinces _____
   (*b*) Ajmer-Merwara .. _____
   (*c*) Rajputana .. _____
   (*d*) Central India .. _____
8. * Optional subject .. .. _____
9. † Vernacular .. .. _____
10. ‡ Whether permitted by the Board to appear as a private candidate .. .. _____
11. § Whether eligible for Compartmental Examination; if so, the name of the subject .. _____
12. || Where to be examined .. _____
13. Does he offer a vernacular medium; if so, Hindi or Urdu (*a*). _____

(*Signature of candidate in full.*)

*** Candidates offering commerce should clearly show whether for commerce 2nd paper, they offer "Book keeping" or "Typewriting."**

† This will be the vernacular from which Translation is to be made into English in the English 3rd paper.

‡ Number and date of the letter in which such permission has been granted to the candidate should also be quoted here.

§ The following places are the centres of examination:—Dehra Dun, Muzaffarnagar, Meerut, Bulandshahr, Khurja, Aligarh, Muttra, Agra, Mainpuri, Bareilly, Bijnor, Budaun, Moradabad, Chandausi, Shahjahanpur, Farrukhabad, Fatehgarh, Etawah, Cawnpore, Allahabad, Jhansi, Benares, Jaunpore, Ballia, Gorakhpur, Azamgarh, Basti, Naini Tal, Almora, Srinagar, Lucknow, Sitapur, Unao, Rae Barell, Fyzabad, Gonda, Ajmer, Jaipur, Gwalior, Nowgong and Indore.

The list of centres is subject to additions and alterations by the Board.

|| In the case of compartmental candidates only.

Private candidates offering Commerce with typewriting or Manual Training or Agricultural Botany or Domestic Science must select such institution as their centre as is recognised in that particular subject and can make arrangements for the conduct of the practical examination in that subject.

(*a*) Candidates shall under no circumstances be allowed to withdraw or change at a subsequent dates their declaration made in column 13 above Candidates who do not offer a vernacular medium should put down 'No' in this column.

BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION,

UNITED PROVINCES.

HIGH SCHOOL EXAMINATION, 1927.

ADMISSION CARD.

All the entries except those for Roll number and centre should be filled up in the office of the Forwarding Officer.

Admit _____

(Roll no. _____) of _____ district

to _____ Centre.

A. C. MUKERJI, M.A., RAI BAHADUR,
Secretary, Board of High School and Intermediate Education, United Provinces.

ALLAHABAD:
The 15th March, 1927.

Issued on _____ 1927.

_____

Signature and designation of Forwarding Officer.

_____

_____

RULES FOR THE GUIDANCE OF CANDIDATES.

1.—The dates and the hours of the High School Examination of 1927 will be notified separately.

2.—The doors of the Examination Hall will be opened a quarter of an hour before the commencement of each examination and will be closed at the time of commencement daily, after which no candidate will be admitted.

3.—A seat marked with his Roll number will be allotted to each candidate and a book in which to write his answers will be found on his desk. Candidates will be required to find out their allotted seats for themselves.

4.—Candidates are not to have about them, while sitting to answer their papers, any books, notes or papers whatever.

5.—The answer must be written on one side of the page only; the other side may be used for rough work, and no portion of the answer-book provided may be torn out. If a candidate wishes to cancel any part of his answers, he may do so by drawing distinct lines across it.

6.—All candidates are required to provide their own pens. To answer the Second Paper of Domestic Science on sewing and cutting out, candidates are required to provide their own needles, thread and pair of scissors. Blotting paper will be supplied in the answer-books.

7.—Candidates must obey any instructions they receive from the officer in charge of the examination.

8.—Candidates must produce their admission cards when demanded.

9.—A duplicate copy of the admission card is issued on payment of Rs. 2.

10.—No guarantee will be given to the candidates as to the order in which, and the dates on which, the question papers will be given to them.

11.—Candidates must await the publication of the result in Part IV of the *United Provinces Government Gazette*. No inquiries by wire or letter can be attended to. If any candidate wants a copy of Part IV of the *Government Gazette* in which the results will be published, he should apply for it to the Superintendent, Government Press, Allahabad.

A. C. MUKERJI, M.A., RAI BAHADUR,
Secretary, Board of High School and Intermediate Education, United Provinces.

ALLAHABAD:
The 15th March, 1927.

BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION,

UNITED PROVINCES.

For Private Candidates only.

P INTERMEDIATE EXAMINATION, APRIL, 1927. P

This application must reach the office of the Secretary, Board of High School and Intermediate Education, United Provinces, Allahabad, on or before the 1st October, 1926.

APPLICATION.

To

THE SECRETARY, BOARD OF HIGH SCHOOL
AND INTERMEDIATE EDUCATION,
UNITED PROVINCES.

SIR,

I BEG to apply for permission to appear at the ensuing Intermediate Examination of the Board of High School and Intermediate Education, United Provinces.

The address of the candidate to be given here _____

_____

_____

I am, etc.,

Private Candidate.

CERTIFICATE.

I CERTIFY that I know nothing against the character of the above-named candidate which ought exclude $\frac{\text{him}}{\text{her}}$ from the Intermediate Examination; that $\frac{\text{he}}{\text{she}}$ has signed the above application in my presence; that I believe the subjoined account to be true; and that the conditions under which $\frac{\text{he}}{\text{she}}$ has been studying and is proposing to continue $\frac{\text{his}}{\text{her}}$ studies are satisfactory. I recommend that $\frac{\text{he}}{\text{she}}$ may be allowed to appear at this examination as a private candidate.

This certificate should be signed by a Divisional Inspector of Schools, or the head of an educational institution recognised by the Board for the Intermediate Examination. But in the case of a candidate who has failed in the Intermediate Examination as a student of some college, this certificate should be signed by the head of the institution at which he last studied for the Intermediate Examination.

Name _____

Designation _____

Station _____

The _____ 1926.

N. B.—(1) The countersigning officer should assure himself that the applicant has given the full particulars required in the application and has attached to the application the necessary certificates.

PARTICULARS TO BE FILLED IN CORRECTLY AND LEGIBLY BY THE CANDIDATE.

1. Name (in full) .. .. ———————————

2. Age (at the time of submitting this application) .. .. ———— year ———— month.

3. Place of residence .. .. ———————————

4. Length of residence in the United Provinces .. ———————————

5. Date of passing the High School or an equivalent examination (name of examination should be given) .. .. ———————————

6. *Subjects taken in the High School or equivalent examination .. .. ———————————

7 (*a*) School or college last attended .. .. .. ———————————

(*b*) Date of leaving class in which the candidate read (scholar's Register or Transfer Certificate should be attached) .. .. ———————————

NOTES.—1. Failure to comply with all the conditions or to give full particulars of information required may entail rejection of application.

2. Candidates will not be allowed to offer an optional subject in the study of which practical work is necessary, even although there is no practical examination, unless completely satisfactory arrangements for their practical work exist; this condition will be strictly enforced.

3. Candidates appearing for the first time from beyond the territorial jurisdiction of the Board must give adequate reasons for their taking the United Provinces Board's examination. Age-limit or other restriction imposed by the local University or examining authority will be equally enforced by the United Provinces Board in the case of such candidates even although United Provinces candidates are free from such restriction.

4. A candidate who failed in the examination of a previous year and who desires to offer new subjects for the next examination must give adequate reasons for the change and show (with certificates) that he can satisfactorily complete the course of study in the new subjects.

5. *Candidates who have passed the Cambridge School certificate examination and intend to appear at the Intermediate Examination should specify in the application form the standard of attainment in each of the subject in which they have passed the Cambridge School certificate examination as shown in the detailed result of the examination.

6. Candidates shall not be allowed to offer for their examination any subject even if the subject is recognised for the examination which is not being taught in a recognised institution or in which no institution is recognised.

PARTICULARS TO BE FILLED IN CORRECTLY AND LEGIBLY BY THE CANDIDATE—(*concluded*).

8. Whether the candidate has ever attended a regular course of study for the Intermediate examination at any recognized college; if so, the name of the college.. .. .. _____

9. Language from which translation is to be made in the third English paper .. _____

10. Optional subjects now offered .. _____

11. In the case of failed candidates, date of last appearing at the Board's Intermediate Examination .. .. _____

12. Optional subjects offered at last appearance at the examination .. .. .. _____

13. Subjects in which the candidate failed.. .. .. _____

14. Whether the candidate passed in the practical examination at his last appearance. If not, subject of failure .. _____

15. †Arrangements for practical work where such is necessary for the study of the subject (certificate to be attached.) .. _____

(*Signature of candidate in full.*)

7. †A candidate offering Economics as one of his optional subjects must enclose a certificate from a teacher of Economics in a recognised Intermediate College that the candidate has been doing written and practical work in Economics under his guidance.

Roll No. _____

BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION,

UNITED PROVINCES.

For Private Candidates only.

P INTERMEDIATE EXAMINATION, APRIL, 1927. P

This application must reach the office of the Secretary, Board of High School and Intermediate Education, United Provinces, Allahabad, on or before the 5th January, 1927.

APPLICATION.

To

THE SECRETARY, BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION, UNITED PROVINCES, ALLAHABAD.

SIR,

I REQUEST permission to present myself at the ensuing Intermediate Examination of the Board of High School and Intermediate Education, United Provinces.

† The prescribed fee—*has been credited into the Government Treasury (*_____ *is sent by money-order.*) attached),

I am, etc.,

Address :—

_____

_____

_____

Private Candidate.

[Name to be written in full and clearly.]

CERTIFICATE.

I CERTIFY that the above named candidate has satisfied me (*a*) that he has passed the Board's High School Examination or an examination declared equivalent thereto, vide Regulation 2, Chapter XIV of the Board's Regulations; that I know nothing against his character which ought to exclude him from this examination; that he has signed the above application in my presence; and that I believe the subjoined account to be true.

‡This certificate should be signed by a Divisional Inspector of Schools or the head of an educational institution recognised by the Board for the Intermediate Examination. But in the case of a candidate who has failed in the Intermediate Examination as a student of some college, this certificate should be signed by the head of the institution at which he last studied for the Intermediate Examination.

*The*_____1926.

Name _____

Designation _____

Station _____

* Necessary portion to be retained and the rest scored out.

† The Admission Card will be sent to the officer who signs this application form and not direct to the candidate.

‡ This certificate should be signed by the same officer who forwarded the candidate's previous application.

(*a*) The forwarding officer is particularly requested to inspect each candidate's original certificate of passing the previous examination.

PARTICULARS TO BE FILLED IN CORRECTLY AND LEGIBLY BY THE CANDIDATE.

1. Name (in full) .. .. _____

2. Date of birth .. .. _____

3. Name of father .. .. _____

4. Name of guardian .. .. _____

5. Caste, if Hindu ; otherwise religion _____

6. Race (i.e., nation, tribe, etc.) .. _____

7. District and town or village where resident .. .. _____

8. Length of residence in—
   (*a*) United Provinces .. _____
   (*b*) Rajputana .. _____
   (*c*) Ajmer-Merwara .. _____
   (*d*) Central India .. _____

9. Language from which translation is to be made into English in the third English paper or English composition in the case of candidates whose mother-tongue is English .. .. _____

10. Date of passing the High School or an equivalent examination, together with the name of the examination passed .. _____

11. The name of the optional subjects offered.† Arts (1)_____(2)_____(3)_____

12. Whether eligible for compartmental examination; if so, the name of the subject .. .. _____

13. Whether permitted by the Board to appear as a private candidate ; if so, the number and date of the letter in which permission has been granted .. .. _____

14.* Where to be examined .. _____

(Signature of candidate in full.)

* The following places are the centres of examination:—Agra, Ajmer, Allahabad, Almora, Bareilly, Benares, Cawnpore, Dehra Dun, Etawah, Fyzabad, Gorakhpur, Gwalior, Indore, Jaipur, Jhansi, Lucknow, Meerut, Moradabad, Khurja and Chandausi.

† In the case of History, the name of history [e.g., Modern History (Indian-European)] Modern History (Indian-English), Ancient History] should be definitely mentioned.

BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION,

UNITED PROVINCES.

INTERMEDIATE EXAMINATION, 1927.

ADSMISION CARD.

All the entries except those for Roll number and centre should be filled up in the office of the forwarding officer.

Admit_____

(Roll no._____) of_____

_____to_____Centre.

A. C. MUKERJI, M.A., RAI BAHADUR,
Secretary, Board of High School and Intermediate Education,
United Provinces.

ALLAHABAD:
The 15th March, 1927.

Issued on_____ 1927.

_____

Signature and designation
of forwarding officer

RULES FOR THE GUIDANCE OF CANDIDATES.

1.—The dates and the hours of the Intermediate Examination of 1927 will be notified separately.

2.—The doors of the Examination Hall will be opened a quarter of an hour before the commencement of each examination and will be closed at the time of commencement daily, after which no candidate will be admitted.

3.— A seat marked with his Roll number will be allotted to each candidate and a book in which to write his answers will be found on his desk. Candidates will be required to find out their allotted seats for themselves.

4.—Candidates are not to have about them, while sitting to answer their papers, any books, notes or papers whatever.

5.—The answer must be written on one side of the page only, the other side may be used for rough work and no portion of the answer-book provided may be torn out. If a candidate wishes to cancel any part of his answers, he may do so by drawing distinct lines across it.

6.—All candidates are required to provide their own pens.

7.—Candidates must obey any instructions they receive from the officer in charge of the examination.

8.—Candidates must produce their admission cards when demanded.

9.—A duplicate copy of the admission card is issued on payment of Rs. 2.

10.—No guarantee will be given to the candidates as to the order in which, and the dates on which, the question papers will be given to them.

11.—Candidates must await the publication of the result in the *United Provinces Government Gazette*. No inquiries by wire or letter can be attended to. If any candidate wants a copy of the *Government Gazette* in which the result will be published, he should apply for it to the Superintendent, Government Press, Allahabad.

A. C. MUKERJI, M.A., RAI BAHADUR,
Secretary, Board of High School and Intermediate Education,
United Provinces.

ALLAHABAD:
The 15th March, 1927.

BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION,

UNITED PROVINCES.

For Private Candidates only.

P COMMERCIAL DIPLOMA EXAMINATION, APRIL, 1927. P

This application must reach the office of the Secretary, Board of High School and Intermediate Education, United Provinces, Allahabad, on or before the 1st October, 1926.

APPLICATION.

To

THE SECRETARY, BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION, UNITED PROVINCES, ALLAHABAD.

SIR,

I BEG to apply for permission to appear at the ensuing Commercial Diploma Examination of the Board of High School and Intermediate Education, United Provinces.

The address of the candidate to be given here_____

I am, etc.,

_____

_____

Private Candidate.

CERTIFICATE.

I CERTIFY that I know nothing against the character of the above-named candidate which ought to exclude $\frac{\text{him}}{\text{her}}$ from the Commercial Diploma Examination, that $\frac{\text{he}}{\text{she}}$ has signed the above application in my presence that I believe the sub-joined account to be true and that the conditions under which $\frac{\text{he}}{\text{she}}$ has been studying and is proposing to continue $\frac{\text{his}}{\text{her}}$ studies are satisfactory. I recommend that $\frac{\text{he}}{\text{she}}$ may be allowed to appear at this examination as private candidate.

This certificate should be signed by a Divisional Inspector of Schools, or the head of an educational institution recognized by the Board for the Commercial Diploma Examination. But in the case of a candidate who has failed at the Commercial Diploma Examination as a student of some college, this certificate should be signed by the head of the institution at which he last studied for the Commercial Diploma Examination.

*Name*_____

*Designation*_____

*Station*_____

*The*_____1926.

N.B.—(1) The countersigning Officer should assure himself that the applicant has given the full particulars required in the application, and has attached to the applicat.on the necessary certificates.

PARTICULARS TO BE FILLED IN CORRECTLY AND LEGIBLY BY THE CANDIDATE.

1. Name (in full) .. .. _____
2. Age (at the time of submitting this application) .. .. _____
3. Place of residence .. .. _____
4. Length of residence in the United Provinces .. .. _____
5. Date of passing the High School or an equivalent examination (name of examination should be given) .. .. _____
6. Subjects taken in the High School or equivalent examination .. _____
7. (*a*) School or college last attended _____
   (*b*) Date of leaving class in which the candidate read (Scholar's Register or Transfer Certificate should be attached) .. _____
8. Optional subject now offered (Commercial Geography or Typewriting or Shorthand).. .. _____
9. In the case of failed candidates, date of last appearing at the Commercial Diploma Examination .. .. .. _____
10. Optional subjects offered at last appearance at the Examination _____
11. Subjects in which the candidate failed .. .. .. _____
12. Arrangements for practical work where such is necessary for the study of the subject (certificate to be attached) .. .. _____

NOTES—1. Failure to comply with all the conditions or to give full particulars of information required may entail rejection of application.

2. Candidates will not be allowed to offer an optional subject in the study of which practical work is necessary, even although there is no practical examination, unless completely satisfactory arrangements for their practical work exist; this condition will be strictly enforced.

3. Candidates appearing for the first time from beyond the territorial jurisdiction of the Board must give adequate reasons for their taking the United Provinces Board's Examination. Age limit or other restriction imposed by the local University or Examining Authority will be equally enforced by the United Provinces Board in the case of such candidates even although United Provinces Candidates are free from such restriction.

4. A candidate who failed in the Examination of a previous year and who desires to offer new subjects for the next Examination must give adequate reasons for the change and show (with certificates) that he can satisfactorily complete the course of study in the new subjects.

5. Candidates shall not be allowed to offer for their Examination any subject, even if the subject is recognised for the examination which is not being taught in a recognised institution or in which no institution in recognised.

Roll No.———

For Private Candidates only.

BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION,

UNITED PROVINCES.

COMMERCIAL DIPLOMA EXAMINATION, APRIL, 1927.

P *This application must reach the office of the Secretary, Board of High School and Intermediate Education, United Provinces, on or before the 5th January, 1927.* P

APPLICATION.

To

THE SECRETARY, BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION,
UNITED PROVINCES, ALLAHABAD.

SIR,

I REQUEST permission to present myself at the ensuing Commercial Diploma Examination of the Board of High School and Intermediate Education, United Provinces.

* The prescribed fee has been credited into the Government Treasury (chalan attached,) / is sent by money-order.

I am, etc.,

Private Candidate.

Address———

(Name to be written in full and clearly.)

CERTIFICATE.

I CERTIFY that the above-named candidate has satisfied me (a) that he has passed the High School Examination or an Examination equivalent thereto; that I know nothing against his character which ought to exclude him from this Examination; that he has signed the above application in my presence and that I believe the subjoined account to be true.

† This certificate should be signed by a Divisional Inspector of Schools, or the head of an educational institution recognized by the Board for the Commercial Diploma Examination. But in the case of a candidate who has failed in the Commercial Diploma Examination, as a student of some college this certificate should be signed by the Principal of the college at which he last studied for the Commercial Diploma Examination.

Name———

Designation———

The ——— ———1926.

Station———

The Admission Card will be sent to the officer who signs this application form and not direct to the candidate.

*Necessary portion to be retained and the rest scored out.

†This certificate should be signed by the same officer who forwarded the candidate's previous application.

(a) The forwarding officer is particularly requested to inspect each candidates' original certificate of passing the previous examination.

PARTICULARS TO BE FILLED IN CORRECTLY AND LEGIBLY BY THE CANDIDATE.

1. Name (in full) .. .. _____
2. Date of birth .. .. _____
3. Name and occupation of father. } Name _____ Occupation _____
4. Name of guardian .. .. _____
5. Caste, if Hindu; otherwise religion _____
6. Race (*i.e., nation, tribe, etc., etc.*) _____
7. District and town or village where resident .. .. _____
8. Length of residence in—
   (*a*) United Provinces .. _____
   (*b*) Rajputana .. .. _____
   (*c*) Ajmer-Merwara .. .. _____
   (*d*) Central India .. .. _____
9. Date of passing the High School or an equivalent examination together with the name of the examination passed .. _____
10. Optional subject .. .. _____
11. Whether eligible for compartmental examination; if so, the name of the subject .. .. _____
12. Whether permitted by the Board to appear as a private candidate; if so, the number and date of the letter in which permission has been granted .. .. _____
13. *Where to be examined .. _____

(*Signature of Candidate in full.*)

---

* *Centres of Examination.—St. John's College, Agra, Christian College, Lucknow, Sanatan Dharm College of Commerce, Cawnpore, D. A. V. College, Cawnpore S. S. Memoria Intermediate College, Chandausi, Meerut College, Meerut and Bareilly College, Bareilly.*

BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION,

UNITED PROVINCES.

COMMERCIAL DIPLOMA EXAMINATION, 1927.

ADMISSION CARD.

All the entries except those for Roll number and centre should be filled up in the office of the Forwarding Officer.

Admit_____

(Roll no. _____) of_____

_____ to_____ Centre.

A. C. MUKERJI, M.A., RAI BAHADUR,
Secretary, Board of High School and Intermediate Education, United Provinces.

ALLAHABAD :

The 15th March, 1927.

Issued on_____ 1927.

_____

Signature and Designation of Forwarding Officer.

_____

RULES FOR THE GUIDANCE OF CANDIDATES.

1.—The dates and the hours of the Commercial Diploma Examination of 1927 will be notified separately.

2.—The doors of the Examination Hall will be opened a quarter of an hour before the commencement of each examination and will be closed at the time of commencement daily, after which no candidate will be admitted.

3.—A seat marked with his Roll number will be allotted to each candidate and a book in which to write his answers will be found on his desk. Candidates will be required to find out their allotted seats for themselves.

4.—Candidates are not to have about them, while sitting to answer their papers, any books, notes or papers whatever.

5.—The answers must be written on one side of the page only, the other side may be used for rough work and no portion of the answer-book provided may be torn out. If a candidate wishes to cancel any part of his answers, he may do so by drawing distinct lines across it.

6.—All candidates are required to provide their own pens.

7.—Candidates must obey any instructions they receive from the Officer in charge of the examination.

8.—Candidates must produce their admission cards when demanded.

9.—A duplicate copy of the admission card is issued on payment of two rupees.

10.—No guarantee will be given to the candidates as to the order in which, and the dates on which, the question papers will be given to them.

11.—Candidates must await the publication of the result in the *United Provinces Government Gazette*. No inquiries by wire or letter can be attended to. If any candidate wants a copy of the *Government Gazette* in which the result will be published, he should apply for it to the Superintendent, Government Press, Allahabad.

A. C. MUKERJI, M.A., RAI BAHADUR,
Secretary, Board of High School and Intermediate Education,
United Provinces.

ALLAHABAD:
The 15th March, 1927.

BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION,

UNITED PROVINCES.

O P **For Private Candidates who have passed a public examination in an Oriental Language (Sanskrit, Persian or Arabic).** O P

HIGH SCHOOL EXAMINATION, 1927.

This application must reach the office of the Secretary, Board of High School and Intermediate Education, United Provinces, Allahabad, on or before the 1st October, 1926.

APPLICATION.

To

THE SECRETARY, BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION, UNITED PROVINCES, ALLAHABAD.

SIR,

I BEG to apply for permission to appear at the ensuing High School Examination of the Board of High School and Intermediate Education, United Provinces, in English only.

I am, etc.,

The address of the candidate to be given here

Private Candidate.

CERTIFICATE.

This certificate is to be signed by an Inspector of Schools, or the head of an educational institution recognised by the Board for the High School Examination.

I CERTIFY that I know nothing against the character of the above-named candidate which ought to exclude $\frac{\text{him}}{\text{her}}$ from the High School Examination, that $\frac{\text{he}}{\text{she}}$ has signed the above application *in my presence*, that I believe the subjoined account to be true and that the conditions under which $\frac{\text{he}}{\text{she}}$ has been studying and is proposing to continue $\frac{\text{his}}{\text{her}}$ studies are satisfactory. I recommend that $\frac{\text{he}}{\text{she}}$ may be allowed to appear at the examination as a private candidate under regulation 7, Chapter XIII of the Board's Regulations.

Name _____

Designation _____

Station _____

The _____ 1926.

N.B.—(1) The countersigning officer should assure himself that the applicant has given the full particulars required in the application and has attached to the application the necessary certificates duly *attested* by that officer.

(2) Applications received after the date prescribed above will not be considered.

PARTICULARS TO BE FILLED IN CORRECTLY AND LEGIBLY BY THE CANDIDATE.

Name (in full) .. .. _____

Age (at the time of submitting this application) .. .. _____ years _____ months

District and town or village where resident .. .. _____

Length of residence in the .. (*a*) United Provinces _____
(*b*) Ajmer-Merwara _____
(*c*) Rajputana _____
(*d*) Central India _____

*Name of the public examination passed in an oriental language .. _____

Name of the University, department or other authority holding the oriental examination which the candidate has passed .. _____

If serving as a teacher, name of the institution in which he is serving _____

Arrangements made for the study of English .. .. _____

Where to be examined .. _____

(*Signature of Candidate in full.*)

---

*A copy of the certificate of the Oriental examination passed duly attested by the countersigning officer should accompany this application form.

The following examinations are recognised by the Board as Public Examinations in an oriental language :—

(1) Maulvi, Alim and Fazil in Arabic ;

(2) Munshi and Kamil in Persian conducted by the Education Department of the United Provinces and

(3) The Sanskrit Examinations conducted by the Government Sanskrit College, Benares, and by the Benares Hindu University.

Failure to comply with all the conditions or to give full particulars of information may entail rejection of application.

Roll no._____.

BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION, UNITED PROVINCES.

For Private Candidates who have passed a public examination in an Oriental Language (Sanskrit, Persian, or Arabic).

O P HIGH SCHOOL EXAMINATION, APRIL, 1927. **O P**

This application must reach the office of the Secretary, Board of High School and Intermediate Education, United Provinces, Allahabad, on or before the 5th January, 1927.

APPLICATION.

To

THE SECRETARY, BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION, UNITED PROVINCES, ALLAHABAD.

SIR,

I REQUEST permission to present myself at the ensuing High School Examination of the Board of High School and Intermediate Education, United Provinces, **in English only**.

† The prescribed fee _____ is sent by money-order
has been credited into the Government treasury.

I am, etc.,

Address :— _____

_____

Private Candidate.

[Name to be written in full and clearly.]

CERTIFICATE.

I CERTIFY that the above-named candidate has satisfied me that he has passed a public examination in an oriental language (Sanskrit, Persian or Arabic), that I know nothing against him which ought to exclude him from the High School Examination, that he has signed the above application in my presence and that I believe the sub-joined account to be true.

‡ This certificate is to be signed by an Inspector of Schools, or the head of an educational institution recognised by the Board for the High School Examination.

‡*Signature* _____

Designation _____

Station _____

The _____ 1926

The admission card will be sent to the officer who signs this application form, and not direct to the candidate.

† 1. The forwarding officers inside the United Provinces should realize the amount of fees from the candidates and credit it into the Local Government Treasury under the head "XXI—Education, E. General—Miscellaneous Fees, Provincial Examinations." A copy of the Treasury challan should be forwarded to the Secretary, Board of High School and Intermediate Education, United Provinces, Allahabad, along with the application forms.

2. The forwarding officers in Indian States or outside the United Provinces should realize the amount of fees from the candidates and send it by money-order to the Secretary, Board of High School and Intermediate Education, United Provinces, Allahabad, but in either case the postal charges should be paid by the candidates.

‡ This certificate should be signed by the same officer who forwarded the candidate's previous application.

PARTICULARS TO BE FILLED IN CORRECTLY AND LEGIBLY BY THE CANDIDATE.

Name (in full).. .. .. _____

Date of birth (date, month and year to be entered here and not month and year only) .. .. .. _____

Name of father .. .. _____

Name of guardian .. .. _____

Caste, if Hindu, otherwise religion .. _____

District and town where resident .. _____

Length of residence in the—

(*a*) United Provinces.. _____

(*b*) Ajmer-Merwara .. _____

(*c*) Rajputana .. _____

(*d*) Central India .. _____

Vernacular from which translation is to be made into English in the English Third Paper .. ..

* Whether permitted by the Board to appear as a private candidate .. _____

†Where to be examined .. .. _____

(Signature of Candidate in full.)

---

* Number and date of the letter in which such permission has been granted to the candidate should also be quoted here.

† The following places are centres of examination:—Dehra Dun, Muzaffarnagar, Meerut, Bulandshahr, Khurja, Aligarh, Muttra, Agra, Mainpuri, Bareilly, Bijnor, Budaun, Moradabad, Chandausi, Shahjahanpur, Farrukhabad, Fatehgarh, Etawah, Cawnpore, Allahabad, Jhansi, Benares, Ballia, Jaunpore, Gorakhpur, Azamgarh, Basti, Naini Tal, Almora, Srinagar, Lucknow, Sitapur, Unao, Rae Bareli, Fyzabad, Gonda, Ajmer, Jaipur, Gwalior, Nowgong and Indore.

The list of centres is subject to additions and alterations by the Board.

BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION,

UNITED PROVINCES.

HIGH SCHOOL EXAMINATION, 1927.

ADMISSION CARD.

All the entries except those for Roll number and centre should be filled up in the office of the Forwarding Officer.

Admit _____

(Roll no. _____) of _____ District.

to _____ Centre.

A. C. MUKERJI, M.A., RAI BAHADUR,
Secretary, Board of High School and Intermediate Education,
United Provinces.

ALLAHABAD :

The 15th March, 1927.

Issued on _____ 1927.

_____

Signature and Designation

of Forwarding Officer.

_____

_____

RULES FOR THE GUIDANCE OF CANDIDATES

1.—The dates and the hours of the High School Examination of 1927, will be notified separately.

2.—The doors of the Examination Hall will be opened a quarter of an hour before the commencement of each examination and will be closed at the time of commencement daily, after which no candidate will be admitted.

3.—A seat marked with his Roll number will be allotted to each candidate and a book in which to write his answers will be found on his desk. Candidates will be required to find out their allotted seats for themselves.

4.—Candidates are not to have about them, while sitting to answer their papers, any books, notes or papers whatever.

5.—The answer must be written on one side of the page only, the other side may be used for rough work and no portion of the answer-book provided may be torn out. If a candidate wishes to cancel any part of his answers, he may do so by drawing distinct lines across it.

6.—All candidates are required to provide their own pens. Blotting paper will be supplied in the answer books.

7.—Candidates must obey any instructions they will receive from the Officer in charge of the Examination.

8.—Candidates must produce their admission cards when demanded

9.—A duplicate copy of the admission card is issued on payment of Rs. 2.

10.—No guarantee will be given to the candidates as to the order in which, and the dates on which, the question papers will be given to them.

11.—Candidates must await the publication of the result in Part IV of the *United Provinces Government Gazette*. No inquiries by wire or letter can be attended to. If any candidate wants a copy of Part IV of the *Government Gazette*, in which the result will be published, he should apply for it to the Superintendent, Government Press, Allahabad.

A. C. MUKERJI, M.A., Rai Bahadur,
Secretary, Board of High School and Intermediate Education, United Provinces.

Allahabad :
The 15th March, 1927.

BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION,

UNITED PROVINCES.

O/P ***For Private Candidates who have passed a public examination in an Oriental Language (Sanskrit, Persian or Arabic).*** O/P

INTERMEDIATE EXAMINATION, 1927.

(In English only.)

This application must reach the office of the Secretary, Board of High School and Intermediate Education, United Provinces, Allahabad, on or before October 1, 1926.

APPLICATION.

To

THE SECRETARY, BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION, UNITED PROVINCES, ALLAHABAD.

SIR,

I BEG to apply for permission to appear at the ensuing Intermediate Examination of the Board of High School and Intermediate Education, United Provinces, in English only.

I am, etc.,

The address of the candidate to be given here _____

Private Candidate.

CERTIFICATE.

This certificate is to be signed by a Divisional Inspector of Schools, or the head of an educational institution recognised by the Board for the Intermediate Examination.

I CERTIFY that I know nothing against the character of the above-named candidate which ought to exclude $\frac{\text{him}}{\text{her}}$ from the Intermediate Examination in English only, that $\frac{\text{he}}{\text{she}}$ has signed the above application *in my presence*, that I believe the subjoined account to be true and that the conditions under which $\frac{\text{he}}{\text{she}}$ has been studying and is proposing to continue $\frac{\text{his}}{\text{her}}$ studies are satisfactory. I recommend that $\frac{\text{he}}{\text{she}}$ may be allowed to appear at the examination as a private candidate under regulation 8, Chapter XIV of the Board's regulations.

Name _____

Designation _____

Station _____

The _____ 1926.

N.B.—(1) The countersigning officer should assure himself that the applicant has given the full particulars required in the application and has attached to the application the necessary certificate duly *attested* by that officer.

(2) Applications received after the date prescribed above will not be considered.

PARTICULARS TO BE FILLED IN CORRECTLY AND LEGIBLY BY THE CANDIDATE

1. Name (in full) .. .. _____
2. Age (at the time of submitting this application) .. .. _____ years _____ months
3. District and town or village where resident .. .. _____
4. Length of residence in the .. (*a*) United Provinces _____ (*b*) Ajmer Merwara _____ (*c*) Rajputana _____ (*d*) Central India _____
5. *Date of passing the High School or an equivalent Examination in English only (name of examination should be given) .. .. _____
6. †Name of the public examination passed in an Oriental language (a copy of the certificate of the Oriental examination passed duly attested by the countersigning officer should be attached) .. _____
7. Name of the University, Department or other authority holding the Oriental examination which the candidate has passed .. .. _____
8. If serving as a teacher, name of the institution in which he is serving .. .. _____
9. Arrangements made for the study of English .. _____
10. Language from which translation is to be made in the third English paper .. _____

(Signature of Candidate in full.)

NOTES.—(1) Failure to comply with all the conditions or to give full particulars of information may entail rejection of application

(2) Candidates appearing for the first time from beyond the territorial jurisdiction of the Board must give adequate reason for their taking the United Provinces Board's Examination. Age-limit or other restriction imposed by the local university or examining authority will be equally enforced by the United Provinces Board in the case of such candidates even although United Provinces candidates are free from such restriction.

* The name of the University or other authority holding the examination should also be specified.

† The following examinations are recognised by the Board as public examinations in an Oriental language :—

(1) Maulvi, Alim and Fazil in Arabic;
(2) Munshi and Kamil in Persian conducted by the Education department of the United Provinces;
(3) The Sanskrit Examinations conducted by the Government Sanskrit College, Benares, and by the Benares Hindu University.

Roll No. _____

For Private Candidates only.

BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION,

UNITED PROVINCES.

O P

INTERMEDIATE EXAMINATION, APRIL, 1927.

O P

This application must reach the office of the Secretary, Board of High School and Intermediate Education, United Provinces, Allahabad, on or before the 5th January, 1927.

APPLICATION.

To

THE SECRETARY, BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION, UNITED PROVINCES, ALLAHABAD.

SIR,

I REQUEST permission to present myself at the ensuing Intermediate Examination of the Board of High School and Intermediate Education, United Provinces, in English only.

† The prescribed fee has been credited into the Government Treasury (chalan attached) / is sent by money-order

I am, etc.,

_____

Private Candidate.

Address _____

_____

(Name to be written in full and clearly.)

The Admission Card will be sent to the officer who signs this application form and not direct to the candidate.

† 1. The forwarding officers inside the United Provinces should realize the amount of fees from the candidates and credit it into the Local Government Treasury under the head "XXI—Education, E. General—Miscellaneous Fees, Provincial Examinations." A copy of the Treasury chalan should be forwarded to the Secretary, Board of High School and Intermediate Education, United Provinces, Allahabad, along with the application forms.

2. The forwarding officers in Indian States or outside the United Provinces should realize the amount of fees from the candidate and send it by money-order to the Secretary, Board of High School and Intermediate Education, United Provinces, Allahabad, but in either case the postal charges should be paid by the candidates.

CERTIFICATE.

I CERTIFY that the above-named candidate has satisfied me that he has passed the Board's High School Examination in English only under Regulation 7, Chapter XIII of the Board's Regulations or that he has passed an Examination equivalent to the High School Examination in English only under similar conditions, that I know nothing against him which ought to exclude him from the Intermediate Examination in English only, that he has signed the above application in my presence and that I believe the sub-joined account to be true.

‡This certificate is to be signed by an Inspector of Schools, or the head of an educational institution recognized by the Board for the Intermediate Examination.

‡*Signature*_____

*Designation*_____

*Station*_____

The _____ 192

‡ This certificate should be signed by the same officer who forwarded the candidate's previous application.

PARTICULARS TO BE FILLED IN CORRECTLY AND LEGIBLY BY THE CANDIDATE.

1. Name (in full) .. ..

2. Date of birth (date) month and year to be entered here and not month and year only) .. _____

3. Name of father .. .. _____

4. Name of guardian.. .. _____

5. Caste, if Hindu, otherwise religion .. .. .. _____

6. District and town or village where resident .. .. _____

7. Length of residence in—

   (*a*) United Provinces .. _____

   (*b*) Rajputana .. .. _____

   (*c*) Ajmer-Merwara .. _____

   (*d*) Central India .. _____

8. Vernacular from which translation is to be made into English in the third English paper .. .. _____

9. Date of passing the High School or an equivalent examination in English only _____

10. Whether permitted by the Board to appear as a private candidate .. .. _____

11.* Where to be examined .. _____

(*Signature of candidate in full.*)

* The following places are the centres of Examination :—Agra, Ajmer, Allahabad Almora, Bareilly, Benares, Cawnpore, Dehra Dun, Etawah, Fyzabad, Gorakhpur, Gwalior, Indore, Jaipur, Jhansi, Lucknow, Meerut, Moradabad, Khurja and Chandausi

The list of centres is subject to additions and alterations by the Board.

BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION,

UNITED PROVINCES.

INTERMEDIATE EXAMINATION, 1927.

ADMISSION CARD.

All the entries except those for Roll number and centre should be filled up in the office of the Forwarding Officer.

Admit _____

(Roll no._____) of _____

_____ to _____Centre.

A. C. MUKERJI, M.A., RAI BAHADUR,
Secretary, Board of High School and Intermediate Education,
United Provinces.

ALLAHABAD :
The 15th March, 1927.

Issued on _____1927.

_____
Signature and Designation of Forwarding Officer.

RULES FOR THE GUIDANCE OF CANDIDATES.

1.—The dates and the hours of the Intermediate Examination of 1927, will be notified separately.

2.—The doors of the Examination Hall will be opened a quarter of an hour before the commencement of each examination and will be closed at the time of commencement daily, after which no candidate will be admitted.

3.—A seat marked with his Roll number will be allotted to each candidate and a book in which to write his answers will be found on his desk. Candidates will be required to find out their allotted seats for themselves.

4.—Candidates are not to have about them, while sitting to answer their papers, any books, notes or papers whatever.

5.—The answer must be written on one side of the page only, the other side may be used for rough work and no portion of the answer-book provided may be torn out. If a candidate wishes to cancel any part of his answers, he may do so by drawing distinct lines across it.

6.—All candidates are required to provide their own pens.

7.—Candidates must obey any instructions they receive from the Officer in charge of the examination.

8.—Candidates must produce their admission cards when demanded

9.—A duplicate copy of the admission card is issued on payment of two rupees.

10.—No guarantee will be given to the candidates as to the order in which, and the dates on which, the question papers will be given to them.

11.—Candidates must await the publication of the result in the *United Provinces Government Gazette*. No inquiries by wire or letter can be attended to. If any candidate wants a copy of the *Government Gazette*, in which the result will be published, he should apply for it to the Superintendent, Government Press, Allahabad.

A. C. MUKERJI, M.A., RAI BAHADUR,
Secretary, Board of High School and Intermediate Education,
United Provinces.

ALLAHABAD:

The 15th March, 1927.

*

(3) Forms of certificates awarded to successful candidates at the Board's examinations.

No. _____

BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION,

UNITED PROVINCES.

HIGH SCHOOL EXAMINATION, 1927.

Roll no. _____

This is to certify that _____,
born on _____, passed the High School Examination, 1927, from the _____ School / College _____, held in the month of April, 1927, in the following subjects :—

Compulsory.	*Optional.*
English	
Mathematics	
Vernacular ( )	
History and Geography	

With distinction in _____
and was placed in the _____ Division

M.A., RAI BAHADUR,
Secretary, Board of High School and Intermediate Education, United Provinces.

ALLAHABAD :
The 2nd July, 1927.

No._____

BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION,

UNITED PROVINCES.

INTERMEDIATE EXAMINATION, 1927.

Roll no._____

I certify that_____

of_____

College_____

District_____

passed the Intermediate Examination held in the month of April, 1927, and was placed in the_____

Division with distinction in_____

The subjects in which he was examined were English Literature,

BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION • UNITED PROVINCES •

M.A., RAI BAHADUR,
Secretary, Board of High School and Intermediate Education,
United Provinces.

ALLAHABAD:
The 25th June, 1927.

No._____

BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION,

UNITED PROVINCES.

COMMERCIAL DIPLOMA EXAMINATION, 1927.

Roll no._____

I certify that_____

of_____

College
District _____

passed the Commercial Diploma Examination, held in the month of April, 1927, and was placed in the_____ Division with distinction in_____

The subjects in which he was examined were English, including correspondence; Book-keeping and Accountancy; Business Methods and Elementary Economics, and

BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION • UNITED PROVINCES •

M.A., RAI BAHADUR,
Secretary, Board of High School and Intermediate Education, United Provinces.

ALLAHABAD:
The 25th June, 1927.

No._____

BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION,

UNITED PROVINCES.

AGRICULTURAL DIPLOMA EXAMINATION, 1927.

Roll no ._____

I certify that_____
of_____
College_____
passed the Agricultural Diploma Examination, held in the month of April, 1927, and was placed in the_____
Division with distinction in_____

The subjects in which he was examined were English Literature, Elementary Farm Chemistry, Elementary Farm Physics, Botany, Elementary Zoology, Farm Crops, Elementary Economics, Horticulture, Climatology, Introduction to Animal Husbandry, Elementary Irrigation and Drainage, and Farm Machinery.

BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION • UNITED PROVINCES •

M.A., RAI BAHADUR,
Secretary, Board of High School and Intermediate Education, United Provinces.

ALLAHABAD:
The 25th June, 1927.

(4) Form of application for Examinership for the Board's examinations.

BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION,

UNITED PROVINCES.

FORM OF APPLICATION FOR EXAMINERSHIP.

Name _____

Designation _____

Address _____

Academic qualifications _____

Experience as Teacher _____

_____

Previous experience as Examiner _____

_____

Examination for which the applicant desires to examine _____

_____

Subject in which the applicant desires to examine. (Only one subject and one examination to be mentioned on one form). _____

_____

Recommendation of the Head of the Institution or some other person who knows the applicant well _____

_____

Dated *Signed* _____

The _____ 192 . _____

NOTES.—(1) The recommendation given above is all that the applicant need send up. Any further communication, direct or indirect, with members of Committees or of the Board, is disallowed.

(2) Persons who acted as Examiners for the previous year need not submit a fresh application.

(3) This application form should reach the Secretary of the Board not later than 15th January. The receipt of the application form will be acknowledged, but no other correspondence in this connection will be attended to.