

Government of Madras.

EDUCATIONAL DEPARTMENT.

Recd.

Regd.

1912.

Enclosures

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G.O. No. 758, 20th August 1912.

DESPATCH

Government Examinations.

Recording report of the Commissioner for — during 1911-12.

2

Government of Madras.

EDUCATIONAL DEPARTMENT.

Recd.

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G.O. No. 758, 20th August 1912.

Government Examinations.

Recording the report of the Commissioner for — for the year 1911-12.

GOVERNMENT OF MADRAS.

EDUCATIONAL DEPARTMENT.

READ—the following paper :—

Letter—from the Hon'ble Mr. A. G. BOURNE, D.Sc., F.R.S., C.I.E., Commissioner for Government Examinations.

To—the Secretary to Government, Educational Department.

Dated—Madras, the 6th August 1912.

No.—2678.

I have the honour to submit the annual report on the examinations under the control of the Commissioner that were held during the year 1911–1912.

The Hon'ble Mr. Stone acted for me till the 4th November, on which date I resumed charge of the office on return from leave.

2. The clerical work connected with the different examinations held under the Code of Regulations for European Schools was done, as in previous years, by this office under the supervision of the Secretary; and the entire work of the Board for the Award of Secondary School-Leaving Certificates was also done by the office.

3. All the examinations were held at various centres in the Presidency. Of these, the Special Test and the November Technical Examinations were held also in Mercara, and the April and the November Technical Examinations in the Native States of Travancore, Cochin and Mysore and in Bangalore.

4. Detailed information in respect of each examination is given below :—

(a) *Technical Examinations (April, June, November and January).*

The total number of individual candidates registered for the three grades of examination was 8,501, of whom 279 were for the Advanced, 2,242 for the Intermediate, and 5,980 for the Elementary grade. There was an increase in the numbers registered for all three grades.

The total number of subject-candidates examined was 10,704, of whom 4,392 were successful. There was an increase in the number of candidates for each grade both under "examined" and "passed," as also in the percentage of subject-passes.

Two of the subject-candidates for the Advanced, 49 for the Intermediate, and 165 for the Elementary grade were female candidates. Both the female candidates for the Advanced grade and 31 and 76 for the Intermediate and Elementary grades, respectively, were successful. The female candidates for the Advanced grade came up in Needle-work and Dress-making, and the largest number for the Intermediate and Elementary grades took up Free-hand Outline Drawing.

The number of papers set for the Advanced, Intermediate and Elementary grades, respectively, was 36, 94 and 75, the number of subjects for the corresponding grades being 15, 54 and 53.

Brahmans and Non-Brahman Caste Hindus formed the bulk of the subject-candidates that passed in the case of all three grades.

Five diplomas, of which two were for Drawing, and 110 group certificates, among which there were eighteen for Shorthand, were issued during the year.

The silver medal of the Madras Musical Association was not awarded during the year, as neither of the successful candidates satisfied the conditions prescribed.

(b) *Examinations in connection with the Subordinate Medical Department (May).*

For the grade of Civil Medical Pupil, twenty-six applications were received: one from a First Arts man, 24 from matriculates and one from a candidate who had passed the compulsory portion of the Upper Secondary Examination. With reference to the concession granted by Government in their Order, Misc. No. 227, Educational, dated the 18th April 1911, all the candidates (36 in number) for the Native Military Pupil grade were persons who were certified to have studied in the Sixth Form. Fifteen matriculates registered their names for the grade of Madras-Burma Sub-Assistant Surgeon Pupil, for which twelve vacancies were thrown open to competition.

(c) *Special Test Examinations (October).*

For these examinations, 4,775 candidates in all registered their names, 3,782 presented themselves for examination and 1,397 passed. The numbers that were registered and examined and that passed during the previous year were 4,389, 3,450 and 1,510, respectively.

The percentage of passes except in the Lower grade of the Translation, Account and Criminal Judicial Tests and in the Higher grade of the Criminal Procedure Code, was lower than in 1910–1911; the lowest percentage was in the case of the Précis-writing Test and the Examiner in this test reports :—

"The papers were with few exceptions most disappointing considering the presumably high qualifications of the candidates. Not a few seemed unable to write grammatical English and spell correctly. . . . Other causes of failure were misrepresentation of the facts adduced, illegibility, unnecessary diffuseness and want of system. The papers submitted by many of the failures would be a puzzle to a reader who had not read the original."

5. *Finance.*—The receipts amounted to Rs. 1,60,139, while the expenditure was Rs. 1,20,696 including refunds, the charges for printing work done at private presses and the compensation (Rs. 23,500) paid to the University of Madras.

6. An inventory of valuable stock was duly maintained and checked during the year.

APPENDIX.

(a) Technical Examinations (April, June, November and January).

TABLE I.

(Shows the numbers of individual candidates registered and of subject-candidates examined and passed, and the percentage of "passed" to "examined," in 1909-1910, 1910-1911 and 1911-1912.)

Grade of examination.	Number of individual candidates registered.			Number examined (subject-candidates)			Number passed (subject-candidates)			Percentage of subject-passes.		
	1909-1910.	1910-1911.	1911-1912.	1909-1910.	1910-1911.	1911-1912.	1909-1910.	1910-1911.	1911-1912.	1909-1910.	1910-1911.	1911-1912.
Advanced	227	249	279	244	260	308	76	85	128	31.1	32.6	41.6
Intermediate	1,915	2,117	2,242	2,205	2,529	2,890	925	1,007	1,286	41.9	39.8	44.4
Elementary	4,430	5,477	5,980	5,511	6,730	7,506	2,227	2,508	2,978	40.4	37.2	39.6
Total	6,572	7,843	8,501	7,960	9,519	10,704	3,228	3,600	4,392	40.5	37.8	41.0

TABLE II.

(Shows the numbers examined and passed in the subjects brought up under each group in 1910-1911 and 1911-1912.)

Advanced Grade.

Subjects.	1910-1911.		1911-1912.	
	Examined.	Passed.	Examined.	Passed.
<i>Civil Engineering.</i>				
Building Materials and Construction	..	..	1	1
Building-Drawing and Estimating	3	..	6	4
Surveying and Levelling	11	4	8	6
<i>Mechanical Engineering.</i>				
Machine Drawing	..	..	1	1
<i>Commerce.</i>				
Book-keeping	29	17	52	25
Theory and Practice of Commerce	16	9	29	18
Commercial Geography	8	3	25	16
Shorthand	35	9	36	7
Type-writing	91	3	87	7
<i>Drawing, etc.</i>				
Free-hand Outline Drawing	20	11	20	11
Geometrical Drawing	8	1	7	3
Painting	5	3	6	4
Wood-engraving	..	..	1	1
Copper-plate Engraving	1	..	..	..
<i>Wood-work and Metal-work.</i>				
Cabinet-making	22	14	27	22
<i>Tailoring and Dress-making.</i>				
Needle-work and Dress-making	11	11	2	2
Total number of subject-candidates	260	85	308	128

TABLE III.

(Shows the numbers examined and passed in the subjects brought up under each group in 1910-1911 and 1911-1912.)

Intermediate Grade.

Subjects.	1910-1911.		1911-1912.	
	Examined.	Passed.	Examined.	Passed.
<i>Civil Engineering.</i>				
Building Materials and Construction	54	27	80	48
Building-Drawing and Estimating	80	25	72	29
Hydraulics and Irrigation Works	21	16	30	14
Earthwork and Road-making	27	9	32	17
Bridge-work	5	3	7	3
Surveying and Levelling	230	42	224	76
Applied Mechanics	8	5	12	9
Mensuration	17	11	16	11
Practical Plane and Solid Geometry	..	..	4	2
Carpentry	3	2	6	3
<i>Mechanical Engineering.</i>				
Machine Construction	12	4	24	8
Machine Drawing	24	15	39	13
Steam and the Steam-engine	13	6	18	6
Fitter's work	17	14	23	12
<i>Electrical Engineering.</i>				
Practical Telegraphy	4	1	..	..
Electric Lighting and Transmission of Power	1	..	8	4
<i>Physical Science.</i>				
Heat	..	..	6	3
Electricity and Magnetism	5	3	15	5
Inorganic Chemistry	3	1	4	1
Organic Chemistry	1	1	..	..
Physiography	12	4	13	8
Photography	..	..	1	1
<i>Biology.</i>				
Animal Physiology	44	40	42	37
Botany	6	4	4	2
<i>Sanitary Science.</i>				
Hygiene	47	45	42	38
Minor Sanitary Engineering	52	42	41	29
<i>Agriculture.</i>				
Agriculture	1	..	4	3
Economic Entomology	..	..	2	1
<i>Commerce.</i>				
Book-keeping	200	127	285	184
Theory and Practice of Commerce	152	79	230	184
Banking	83	50	140	55
Commercial Geography	35	17	66	23
Shorthand	183	28	196	73
Type-writing	470	37	542	79
<i>Drawing, etc.</i>				
Free-hand Outline Drawing	364	161	317	119
Design	31	15	34	19
Geometrical Drawing	123	60	108	49
Painting	56	18	68	21
Modelling	3	3	1	1
Wood-engraving	5	5	1	1
Copper-plate Engraving	6	3	4	4
<i>Jeweller's work.</i>				
Jeweller's work	3	2	2	2

TABLE III—cont.

(Shows the numbers examined and passed in the subjects brought up under each group in 1910-1911 and 1911-1912)—cont.

Intermediate Grade—cont.

Subjects.	1910-1911.		1911-1912.	
	Examined.	Passed.	Examined.	Passed.
<i>Printing, Book-binding and Type-founding.</i>				
Letterpress Printing—				
Composer's work	7	5	10	4
Proof-reader's work	19	5	7	1
Press work	1	1	..	..
Machine work	2	1	3	1
Book-binding	6	2	6	2
Stereotyping	1	..	3	..
<i>Wood-work and Metal-work.</i>				
Cabinet-making	42	33	46	36
Blacksmith's work	7	6	7	7
Metal-work	3	2	1	1
<i>Textile Fabrics.</i>				
Cotton-weaving	7	7	9	8
Carpet-weaving	..	..	1	1
Lace-making	15	8	11	10
<i>Tailoring and Dress-making.</i>				
Tailoring	4	3	7	3
Needle-work and Dress-making	9	9	15	14
Embroidery	..	..	1	1
Total number of subject-candidates ..	2,529	1,007	2,890	1,286

TABLE IV.

(Shows the numbers examined and passed in the subjects brought up under each group in 1910-1911 and 1911-1912.)

Elementary Grade.

Subjects.	1910-1911.		1911-1912.	
	Examined.	Passed.	Examined.	Passed.
<i>Civil Engineering.</i>				
Building Materials and Construction	111	52	99	16
Building-Drawing and Estimating	140	38	148	68
Hydraulics and Irrigation Works	61	15	47	26
Earthwork and Road-making	201	90	168	102
Bridge-work	55	23	55	29
Surveying and Levelling	83	13	60	25
Applied Mechanics	69	35	56	35
Mensuration	212	66	200	94
Practical Plane and Solid Geometry	42	16	67	24
Carpentry	13	4	12	5
<i>Mechanical Engineering.</i>				
Machine Construction	18	5	23	9
Machine Drawing	64	25	64	26
Steam and the Steam-engine	31	18	34	6
Fitter's work	41	24	43	19
<i>Electrical Engineering.</i>				
Practical Telegraphy	72	20	41	8

TABLE IV—cont.

(Shows the numbers examined and passed in the subjects brought up under each group in 1910-1911 and 1911-1912)—cont.

Elementary Grade—cont.

Subjects.	1910-1911.		1911-1912.	
	Examined.	Passed.	Examined.	Passed.
<i>Physical Science.</i>				
Electricity and Magnetism	13	6	14	5
Inorganic Chemistry	3	1	5	4
Physiography	3	1	3	1
<i>Biology.</i>				
Animal Physiology	22	13	131	78
Botany	193	110	163	92
<i>Sanitary Science.</i>				
Hygiene	65	32	63	33
<i>Agriculture.</i>				
Agriculture	94	51	47	33
<i>Commerce.</i>				
Book-keeping	428	192	613	282
Theory and Practice of Commerce	322	151	484	255
Banking	123	43	200	105
Commercial Geography	16	5	22	4
Shorthand	484	121	714	196
Type-writing	1,780	521	2,202	445
<i>Music.</i>				
Music	1	1	4	2
<i>Drawing, etc.</i>				
Free-hand Outline Drawing	1,082	401	959	500
Design	155	71	123	34
Geometrical Drawing	297	63	245	133
Painting	192	122	164	127
Modelling	11	6	3	2
<i>Jeweller's work.</i>				
Jeweller's work	2	2	7	6
<i>Printing, Book-binding and Type-founding.</i>				
Letterpress Printing—				
Composer's work	17	6	19	3
Proof-reader's work	11	4	19	4
Press work	5	3	4	2
Machine work	11	3	10	5
Printer's Warehouse work	2	..	2	..
Book-binding	8	3	6	3
Type-casting	2	1	5	2
Stereotyping	2	1	3	1
Electrotyping	2	1	4	1
<i>Wood-work and Metal-work.</i>				
Cabinet-making	86	65	72	53
Blacksmith's work	18	12	16	14
Metal-work	9	5	5	5
<i>Textile Fabrics.</i>				
Cotton-weaving	15	15	22	22
Carpet-weaving	2	2	4	3
Lace-making	16	16	20	19
<i>Tailoring and Dress-making.</i>				
Tailoring	9	8	9	9
Needle-work and Dress-making	4	4	1	1
Embroidery	3	2	2	2
Total number of subject-candidates ..	6,730	2,508	7,506	2,978

TABLE V.

(Distributes the successful candidates according to classes of the community for 1910-1911 and 1911-1912.)

Classes of the community.	Number of subject-candidates that passed.					
	Advanced grade.		Intermediate grade.		Elementary grade.	
	1910-1911.	1911-1912.	1910-1911.	1911-1912.	1910-1911.	1911-1912.
Europeans and Eurasians	11	2	24	24	44	59
Indian Christians	16	20	133	168	355	397
Mohammadans	4	2	21	31	64	75
Brahmans	38	68	535	736	1,355	1,593
Non-Brahman Caste Hindus ..	16	34	288	325	685	842
Panchamas	..	1	1	1	2	9
Buddhists	..	1	3	..	1	2
Jains	..	..	2	1	2	1
Total ..	85	128	1,007	1,286	2,508	2,978

(b) *Examinations in connection with the Subordinate Medical Department (May).*

(Table showing the number of candidates examined and the number of vacancies advertised for each grade in 1910-1911 and 1911-1912.)

Grade.	1910-1911.		1911-1912.	
	Number examined.	Number of vacancies.	Number examined.	Number of vacancies.
Civil Medical Pupil	52	30	22	20
Native Military Pupil	* 6	6	† 25	12
Madras-Burma Sub-Assistant Surgeon Pupil ..	* 12	12	13	12

* There was no competitive examination.

† Excludes eight candidates who were selected without being examined.

(c) *Special Test Examinations (October).*

TABLE I.

(Compares the numbers registered, examined and passed for the five years ending with 1911-1912.)

Year.	Number registered.	Number examined.	Number passed.	Percentage of column 3 to column 2.	Percentage of passed to examined.
1907-1908	5,345	4,572	1,414	85.53	30.92
1908-1909	3,897	3,112	1,370	79.85	44.02
1909-1910	4,137	3,285	1,409	79.40	42.89
1910-1911	4,389	3,450	1,510	78.60	43.76
1911-1912	4,775	3,782	1,397	79.20	36.93

TABLE II.

(Compares the numbers registered, examined and passed for each test in 1910-1911 and 1911-1912.)

Designation of test.	1910-1911.			1911-1912.		
	Number registered.	Number examined.	Number passed.	Number registered.	Number examined.	Number passed.
Précis-writing Test	223	206	81	222	206	25
Translation Test, Higher grade	175	162	69	214	198	62
Do. Lower do.	560	492	164	585	523	201
Account Test, Higher grade	644	466	234	783	551	224
Do. Lower do.	898	702	308	925	750	362
Civil Judicial Test	157	126	* 41	189	157	† 25
Criminal Judicial Test, Higher grade ..	386	275	117	459	326	115
Do. Lower do.	335	203	59	309	209	98
Criminal Procedure Code, Higher grade ..	22	17	17	12	8	8
Do. Lower do.	7	5	5	7	6	4
Revenue Test, Higher grade	182	158	56	223	185	52
Do. Lower do.	795	634	355	843	659	218
Jail Test	5	4	4	4	4	3
Total ..	4,389	3,450	1,510	4,775	3,782	1,397

* Includes eighteen candidates who passed the Civil Judicial Test without Civil Rules of Practice and Provincial Insolvency Act.

† Includes seven candidates who passed the Civil Judicial Test without Civil Rules of Practice and Provincial Insolvency Act.

FINANCE.

TABLE I.

(Compares the receipts for 1910-1911 and 1911-1912.)

Examinations.	Actuals, 1910-1911.	Revised estimate, 1911-1912.	Budget estimate, 1911-1912.	Actuals, 1911-1912.
Primary and the Fifth and Sixth Standard Examinations ..	RS. 71	RS. 50	RS. 150	RS. 29
Lower Secondary Examination	39	30	50	9
Upper do. do.	3	20	..	..
Technical Examinations	44,644	44,000	39,000	49,352
Medical Entrance Examinations	1,420	1,000	1,000	627
Special Test Examinations	25,850	29,000	27,000	28,589
Secondary School Leaving Certificates	96,188	81,000	1,00,000	81,533
Total ..	1,68,215	1,55,100	1,67,200	1,60,139

TABLE II.

(Compares the charges for 1910-1911 and 1911-1912.)

Examinations, etc.	Actuals for 1910-1911.	Actuals for 1911-1912.		
		Stipends.	Contingencies.	Total.
Upper Secondary Examination	RS. 595	RS. ..	RS. ..	RS. ..
Technical Examinations	29,994	13,609	7,100	20,709
Medical Entrance Examinations	115	103	25	128
Special Test Examinations	12,338	14,567	1,620	16,187
Secondary School Leaving Certificates ..	13,564	30,950	† 35,815	66,765
Refunds	786	..	..	2,087
Printing charges	916	..	..	2,788
General—	..	..	..	..
Secretary	4,200	..	..	4,200
Office Establishment, Permanent	7,012	..	..	6,729
Do. Temporary	379	..	..	519
Office Contingencies	1,057	..	..	584
Total ..	70,906	59,229	44,560	1,20,696

† Includes Rs. 23,500—compensation paid to the University of Madras.

10 No 758, EDUCATIONAL, 20TH AUGUST 1912.

Order—No. 758, Educational, dated 20th August 1912.

Recorded.

(True Extract.)

L. DAVIDSON,
Ag. Secretary to Government.

To the Commissioner for Government Examinations.
" Director of Public Instruction.
" Surgeon-General.
" Accountant-General.
" Public Department.
" Judicial Department.
" Revenue Department.
Editors' Table.

[L. & M.]
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(a) If a paper is marked to be printed urgently, the Superintendent of the section concerned should sign the Press slip. The Superintendent should exercise a careful discretion in the matter.

(b) Each letter, memorandum, or order, or set of orders, in the file of correspondence should be headed in succession with the Roman numeral I, II, III, etc., the number being written in red ink or blue chalk above the item. The particular papers to be printed in the special issue-copies should be indicated by the Roman numeral (I, II, etc.) by which that item has been headed in the correspondence file. All matter, including marginal remarks or references, to be printed should be written in ink and matter which should not be printed should be encircled. Initials and signatures that are not quite legible should be re-written distinctly.

(c) For rules regarding printing of notes, see the rules in G.O. No. 1220, Public, dated 30th November 1900.

(c) The number of copies and the details of distribution should be filled in by the Superintendent or Referencer concerned.

(d) In the absence of special instructions to the Press to keep matter standing for a specified period, ordinary papers of 8 pages and under will be kept standing for one week, and larger papers for two weeks only. The type of notes and of all confidential papers is distributed immediately after striking.

(e) This slip, properly and completely filled in, should accompany every paper sent to Press; it will be returned by the Press when proofs are furnished; it should be sent to the Press when a call is made for revised proofs or when a corrected proof is sent for striking. When finally returned by Press it should be filed with the original order or letter.

INSTRUCTIONS FOR THE PRESS.

(a) If, in the opinion of the Superintendent of the Press, a paper has been marked urgent unnecessarily, he should send the Press slip to the Registrar with a remark to that effect.

(b) Unless a note to the contrary is made against the matter, pencil entries should not be printed. The Superintendent of the Press may bring to the notice of the Registrar any instance of incomplete or careless editing.

(c) Signature copies of letters to the Secretary of State or to the Government of India should be printed on hand-made paper.

(d) This slip should be returned by the Press to the Secretariat when proofs are furnished; it will be sent back to the Press when proofs are returned corrected and should be finally returned to the Secretariat when struck-off copies are supplied.

(e) The names of the Secretary and Members should be printed in full when they occur on the right hand side, but only the first time when they appear on the left side, the initials alone being printed later.

TO PRESS, MADRAS.
OOTY.

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SPECIAL INSTRUCTIONS.

No notes.

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