

1916.
NEW ZEALAND.

EDUCATION:
ANNUAL EXAMINATIONS.

[In continuation of E.—8, 1915.]

Presented to both Houses of the General Assembly by Command of His Excellency.

No. 1.

EXTRACT FROM THE THIRTY-NINTH ANNUAL REPORT OF THE
MINISTER OF EDUCATION.

ANNUAL EXAMINATIONS.

The annual examinations were conducted by the Education Department as usual for the various purposes of Junior and Senior National Scholarships, junior and senior free places in secondary schools, district high schools, and technical schools, and teachers' certificates. Also, by arrangement with the Public Service Commissioner, examinations were held for admission to and promotion in the Public Service. The examinations were held from the 23rd November to the 3rd December, 1915, and from the 5th to the 19th January, 1916, at sixty-three centres.

The following table shows collectively, in comparison with the preceding year, the number who entered for the various examinations above enumerated, the number present, and the number of absentees:—

	1914-15.	1915-16.
Number who entered	10,126	10,978
Number who actually sat for examination	8,727	9,453
Number of absentees	1,399	1,525

While the high proportion of absentees—nearly 14 per cent. of the number of candidates—is as usual due to some extent to the practice of granting exemption from examination to training-college candidates for teachers' certificates, and still more to the granting of senior free places without examination to pupils of secondary schools and district high schools, there is yet a fairly large number of candidates who enter for the examinations without any serious intention of presenting themselves. This is particularly noticeable in connection with those examinations to which admission is free, the proportion of absentees for the Public Service Senior Examination, for instance, being as high as 22 per cent.

The number of candidates who actually presented themselves in the examination-room is given below. For the sake of comparison the figures for the previous three years are also given.

	1912-13.	1913-14.	1914-15.	1915-16.
Junior National and Education Board Scholarships and junior free places	2,934	3,154	3,562	3,973
Public Service Entrance, Senior National Scholarships, and Intermediate	2,770	2,756	2,739	3,022
Teachers D and C	1,753	1,524	1,576	1,720
Public Service Senior	574	871	804	675
Typists' Examination	...	...	46	51
Kindergarten Certificate Examination	...	...	...	8
London University Examinations	...	...	...	2
Froebel Union Examination	...	...	...	2
	8,031	8,305	8,727	9,453

The Education Board junior and senior scholarships granted each year hitherto were not offered for competition in 1915-16, their places being taken by an increased number of National Scholarships, junior and senior, provided for by the Education Act, 1914. The Junior National Scholarship Examination, which has been in operation for some years, was, with slight modifications, retained for the new junior scholarships, while for the test for the senior scholarships the Public Service Entrance Examination papers were used, with an alternative programme intended to suit those candidates who have been taking courses with an agricultural or domestic bias.

All eligible candidates from public or registered private schools who reached the respective standards of qualification fixed in accordance with the Act—63 per cent. for juniors and 65 per cent. for seniors—received National Scholarships from the Education Boards of their districts. In the case of junior scholarship candidates from one-teacher schools the standard of qualification was fixed at its lowest limit allowable by regulation—viz., 10 per cent. below the ordinary standard.

The first examination of pupil-teachers was this year discontinued, as the regulations now in force do not permit pupil-teachers in their second year to take a test of this character.

The value of the services rendered by Inspectors of Schools in connection with the examination of papers and supervision of the annual examinations is estimated at upwards of £1,800. The cost of conducting the examinations was as follows:—

Total expenses, including cost of additional clerical services temporarily employed, but omitting other salaries	£ 5,267
Less recoveries—	£
Fees paid by candidates for teachers' certificates and others ..	2,096
Paid by Public Service Commissioner for expense of conducting Public Service Examinations, for which in general no fees are now payable—	
Public Service Entrance	812
Public Service Senior	912
	3,820
Net expenditure	£1,447

No. 2.

The DIRECTOR OF EDUCATION to the Hon. the MINISTER OF EDUCATION.

SIR,—

Education Department, Wellington, 26th May, 1916.

I have the honour to present the following report of the annual examinations conducted by the Department for the various purposes of Junior and Senior National Scholarships, of junior and senior free places in secondary schools, district high schools, and technical schools, and for teachers' certificates; also of the examinations associated therewith and conducted by arrangement with the Public Service Commissioner for admission to and promotion in the Public Service.

These examinations fall into three main groups:—

- (i.) An examination in November or December to determine the grant of Junior Scholarships and junior free places;
- (ii.) A main November series for Public Service Entrance, Senior National Scholarship, and senior free place purposes; and
- (iii.) A January series (a) for teachers' certificates of Classes D and C, and incidentally to some extent of Class B, (b) for Public Service Senior qualifications, and (c) an examination to test the fitness of typists in the Public Service for promotion from the second to the first grade.

The examinations were held between the 23rd November and 1st December, 1915 (Public Service Entrance and Intermediate Examinations), on the 2nd and 3rd December, 1915 (Junior National Scholarships and junior free places), and between the 5th and 19th January, 1916 (Teachers' Certificate, Typists' Examination, and Public Service Senior), at the thirteen towns which are the seats of Education Boards, and at Alexandra, Aratapu, Ashburton, Balclutha, Carterton, Chatham Islands, Collingwood, Dannevirke, Eketahuna, Feilding, Gisborne, Gore, Hamilton, Hastings, Hawera, Kohukohu, Lawrence, Levin, Marton, Masterton, Oamaru, Pahiatua, Palmerston North, Petone, Pukekohe, Rangiora, Reefton, Rotorua, St. Dominic's Priory (Dunedin), Stratford, Taihape, Takaka, Taumarunui, Tauranga, Te Kuiti, Thames, Waihi, Waimate, Waipawa, Wairoa, Wanganui Convent, Warkworth, Westport, Whakatane, and Whangarei. There were four centres in Auckland City and two in Christchurch.

The following are the numbers of candidates who entered for the various examinations mentioned above as compared with the numbers of the preceding year:—

Number who entered, 1915-16	...	...	...	10,978
" 1914-15	...	...	...	10,126
Increase of candidates entered in 1915-16	...	...	...	852
Number actually present at examination, 1915-16	...	...	...	9,453
" " 1914-15	...	...	...	8,727
Increase of candidates present in 1915-16	...	...	...	726
Number who did not present themselves, 1915-16	...	...	...	1,525
" " 1914-15	...	...	...	1,399

This difference of 1,525 between those who entered for examination and those who actually sat is accounted for partly on the usual grounds, and partly by the operation of a clause in the Regulations for Senior Free Places, introduced in 1908, under which a number of candidates recommended on an accrediting principle therein embodied were exempt from examination, and accordingly did not present themselves. A provision on a somewhat similar principle embodied in 1911 in the Regulations for Training Colleges also accounts for a certain proportion of the number.

In the several examinations the following were the numbers present:—

Junior National Scholarship and Junior Free Place Examinations	...	3,973
Public Service Entrance and allied examinations	...	3,022
Public Service Senior Examination	...	675
Teachers' Certificate Examinations	...	1,720
Typists' Examination	...	51
Other examinations	...	12

The following table gives a comparative statement of the number of candidates examined under the principal groupings during the past six years:—

	1910-11.	1911-12.	1912-13.	1913-14.	1914-15.	1915-16.
Junior National and Education Board Scholarships and junior free places	2,383	2,564	2,934	3,154	3,562	3,973
Public Service Entrance, Senior National Scholarships, and Intermediate	2,375	2,563	2,770	2,756	2,739	3,022
Teachers' D and C	1,534	1,626	1,753	1,524	1,576	1,720
Public Service Senior	390	518	574	871	804	675
Typists' Examination	...	...	...	...	46	51
Other examinations	...	...	...	...	..	12
Totals	6,682	7,271	8,031	8,305	8,727	9,453

The largest increase took place in the Junior National Scholarship and Junior Free Place Examinations, the number examined being over four hundred in excess of the number for the previous year. The Junior Free Place Examination alone is responsible for over three hundred and fifty of this increase.

A fairly substantial increase in the numbers for the Public Service Entrance, Senior National Scholarships, and Intermediate series is also shown, the exact amount being 283. Nearly all of it is in the entrance and scholarship section, the intermediate candidature being about the same as before.

In connection with the Public Service Entrance Examination of November next, the decision to charge candidates an admission fee of £1 (which will be refunded to those who pass and duly enter the Public Service) will tend to check the growth in the numbers, but the admission of girls to the examination again will operate in the opposite direction, and probably much more strongly. When, in November, 1912, the examination was last open to both male and female candidates, the latter formed 43 per cent. of the pass-list.

In the C and D Examinations an increase occurred in Class D of 210, but the increase on the whole dropped to 144 in consequence of a slight decrease in the Class C section. Comparison with the previous year's figures shows that of the total increases of candidates who sat for Classes C and D in January, 1916, no less than 92 per cent. was amongst the female candidates, the increase of male candidates being 8 per cent.—a fact for which the war is presumably responsible.

In the Public Service Senior Examination the falling-off of 129 in the numbers is partly an effect of the war, and is partly due to the requirement of practical certificates in science subjects, which applied to this examination in January, 1916, for the first time. A temporary drop is always experienced in the candidature for examinations to which this condition is applied.

The results of the Junior National Scholarship Examination were made known on the 19th January, those of the Public Service Entrance Examination on the 15th January, those of the Public Service Senior Examination on the 17th February, and those of the Teachers' Examination on the 26th February.

Of the total number of candidates that sat for the Junior National Scholarship and Junior Free Place Examinations—

The number of candidates for scholarships was	...	...	...	2,191
The number who obtained a scholarship qualification was	...	...	...	204
The number who qualified for a free place in the scholarship examination was	...	...	...	735
The number who failed was	...	...	...	1,252
The number of candidates for free places was	...	...	...	1,782
The number of these who qualified for a free place was	...	...	...	595
The number who failed was	...	...	...	1,187

The highest percentages of marks gained in the various subjects of this examination were as follows: English, 83; arithmetic, 100; geography, 85; history and civics, 88; elementary science and nature-study, 87; drawing, I, 94; drawing, II, 100. The highest percentage gained by any one candidate on the whole examination was 76.

The following are details of candidature in regard to the Public Service Entrance and Intermediate Examinations in their varied applications:—

(a.) Total candidates presenting themselves for examination	...	...	...	3,022
(b.) Candidates for the Public Service Entrance and Senior National Scholarship tests	...	...	...	1,702
(c.) Candidates for the intermediate tests (senior free places and drawing only)	...	...	...	1,320

Of the 695 candidates who sat for the Senior National Scholarship Examination 647 were examined on the Scheme A (General) Course, and 48 on the Scheme B (Rural and Domestic) Course. The numbers of candidates who qualified for scholarships in the two divisions were 108 and 3 respectively. As the number of scholarships gained by students taking the Scheme B course was lower in proportion than it should have been, the question is being considered of revising the requirements so as to prevent any disadvantage to them.

Of the Public Service Senior candidates—

The number present at examination was	...	...	...	675
The number sitting to complete, having already been partially successful	...	...	...	268
The number sitting for the first time or without having gained any previous successes	...	...	...	407
The number who passed the whole examination	...	...	...	160
The number who gained a pass in two or more subjects without completing the whole examination	...	...	...	304
The number who failed	...	...	...	211

The number of candidates who entered for the different stages of the Teachers' Certificate Examinations was 2,042. The following table shows the previous status of the candidates who actually sat, and the examinations for which they entered. Some individuals, who sat for two distinct classes of certificate, are necessarily reckoned twice :—

Examinations previously passed.	Candidates for Whole or Part of Class C Examina- tion.	For Class D.	For Class D with the Matriculation Examination of December, 1915.	For Completion of Partial Pass for Class D.	For Special Certificates in Single Subjects.	Totals.
Nil	7	476	47	...	26	556
Matriculation	6	168	...	...	14	188
Class E and partial pass for Class E...	3	3	...	...	...	6
Class D... ..	91	...	...	...	...	91
Partial success towards Class D ...	197	514	29	18	55	813
Partial success towards Class C—						
(i.) Alone	21	...	...	...	...	21
(ii.) With Class D	154	...	...	...	...	154
Class C and higher examinations ...	21	...	...	...	...	21
Totals	500	1,161	76	18	95	1,850

The following is a summary of the results of the examinations for teachers' certificates :—

Completed for Class A	...	...	...	...	...	1
" B	...	...	...	...	...	7
" C	...	...	...	...	...	75
" D	...	...	...	...	...	217
Completed for all classes	...	...	...	...	...	300
Partial pass for Class D	...	...	...	...	...	256
Number who passed in a section for Class C ...	...	...	...	...	...	251
Number who obtained partial success (other than a "partial pass") to- wards Class D	...	...	...	...	...	389
Number unsuccessful in improving their status ...	...	...	...	...	...	524
Absentees	...	...	...	...	...	275

In the above table candidates for more than one class of certificate are reckoned in each of the classes for which they were successful. Of those recorded as absentees, 47 sat for special examinations in subjects of Elementary Handwork apart from the main examinations, while 67 were granted trained teachers' certificates without examination.

Attached to the report are lists of the examiners. The examination-papers, with an appendix containing criticisms and suggestions made by the examiners, have been printed separately.

In addition to the examinations above referred to, the Department also conducted during the year the customary examinations in scientific and art subjects, and in special technical subjects for the Board of Education, England, and for the City and Guilds of London Institute, which are held in a different part of the year—in May, June, or July. Full particulars of the number of entries for these examinations, the subjects selected by candidates, and the results are set out in detail in the special paper—E.—5 (Technical Instruction).

I have, &c.,

W. J. ANDERSON,
Director of Education.

APPENDIX.—LIST OF EXAMINERS.

- Adamson, J., M.A., LL.B., Professor, Victoria University College.
 Amess, A. H. R., M.A.
 Andrews, W. D., B.A.
 Aschman, C. T.
 Bakewell, F. H., M.A., Inspector of Schools.
 Ballantyne, W. A., B.A., Inspector of Schools.
 Bartrop, G. W.
 Benham, W. B., Professor, Otago University.
 Booth, L. H.
 Bossence, C. R., Inspector of Schools.
 Brock, W., M.A., Senior Inspector of Schools.
 Brown, J. R., M.A., Professor, Victoria University College.
 Brownlie, Robert.
 Burnside, William, M.A., Inspector of Schools.
 Clark, E. H.
 Clere, F. de J., F.R.I.B.A.
 Cotton, C. A., D.Sc., Victoria University College.
 Cox, C. T.
 Cox, J. T. G., Inspector of Schools.
 Crawford, A., B.A., Inspector of Schools.
 Don, J. R., M.A., D.Sc., Inspector of Schools.
 Evans, Kate M., Mrs., M.A.
 Fleming, T. R., M.A., LL.B., Senior Inspector of Schools.
 Fraser, M.
 Garrard, C. W., B.A., Inspector of Schools.
 Garrow, J. M. E., B.A., LL.B., Professor, Victoria University College.
 Gill, T. H., M.A., LL.B., Inspector of Secondary Schools.
 Gow, J. G., M.A., Senior Inspector of Schools.
 Grant, J.
 Green, E. S.
 Grossman, J. P., Professor, Auckland University College.
 Hardie, C. D., B.A., Inspector of Schools.
 Harkness, G. A., M.A., Senior Inspector of Schools.
 Haweridge, R.
 Hight, J., M.A., Litt.D., F.R.E.S., Professor, Canterbury College.
 Hilgendorf, F. W., B.A., D.Sc.
 Hill, H. T., B.A., Senior Inspector of Schools.
 Hogben, G., M.A., F.G.S.
 Howell, J. H., M.A., B.Sc.
 Hunter, T. A., M.A., M.Sc., Professor, Victoria University College.
 Hurst-Seagar, S.
 Inglis, A., M.A., M.Sc., Inspector of Schools.
 Isaac, E. C., Inspector of Manual and Technical Instruction.
 Kalaugher, J. P.
 Lambourne, N. T., M.A., Inspector of Schools.
 La Trobe, W. S., M.A.
 Lawrell, M. E., Miss, M.A.
 Lewis, T. W.
 McElrea, W., B.E.
 McIlraith, J. W., M.A., Litt.D., LL.B., Inspector of Schools.
 McKenzie, N. R., Inspector of Schools.
 McLeod, M., B.A., Inspector of Schools.
 McMillan, Hugh.
 McNeil, A., M.A., Inspector of Schools.
 Macphail, M. M., Mrs.
 Malcolm, J., M.D., Ch.B., Professor, Otago University.
 Mayne, J. B., B.A., Inspector of Schools.
 Mills, C. B., Miss, M.A., B.Sc.
 Milne, James, M.A., Inspector of Schools.
 Morris, William C.
 Muter, P.
 Neve, F., M.A., LL.B., B.Sc.
 Norris, E. T., M.A.
 Owen, S. C., M.A., Inspector of Schools.
 Page, S., B.Sc., Canterbury College.
 Park, G. J., B.Com.
 Partridge, A. L. M., Miss.
 Pearson, A. B., M.B., Ch.B., D.P.H.
 Plummer, G. H., LL.B., Inspector of Schools.
 Priestly, M., Inspector of Schools.
 Rawson, G. H., Miss.
 Renwick, Margaret L., Miss.
 Richardson, C. R. D., M.A., Senior Inspector of Schools.
 Robertson, George.
 Robertson, John, B.A., B.Sc., Inspector of Schools.
 Robieson, C. R. C.
 Rowe, T. W., M.A.
 Russell, Isa, Mrs.
 Salmond, C. F., Professor, Canterbury College.
 Seaward, D.
 Simmers, G. A., M.A.
 Speight, R., M.A., M.Sc., F.G.S., Canterbury College.
 Spragg, S.
 Stewart, David, Inspector of Schools.
 Strachan, D., M.A., Inspector of Schools.
 Strong, T. B., M.A., B.Sc., Inspector of Schools.
 Stuckey, F. G. A., M.A., Inspector of Schools.
 Thomson, G. M.
 Timson, J.
 Traversi, A. T.
 Treadwell, C. H.
 Valentine, J. A., B.A., Inspector of Schools.
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 Wallace, H.
 Ward, W. F., M.A., LL.B., Victoria University College.
 Warren, T. F., B. A., Inspector of Schools.
 Watt, M. H., Dr., Otago University.
 Webster, L. J., Miss.
 Whetter, R. G., M.A., Inspector of Schools.
 Wilson, F. P., M.A., Victoria College University.
 Wyllie, A. L., M.A., Inspector of Schools.

Approximate Cost of Paper.—Preparation, not given ; printing (1,250 copies), £4 10s.

By Authority : MARCUS F. MARKS, Government Printer, Wellington.—1916.

Price 6d.]