

1920.
NEW ZEALAND.

EDUCATION: ANNUAL EXAMINATIONS.

[In continuation of E.—8, 1919.]

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

No. 1.

EXTRACT FROM THE FORTY-THIRD 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 19th to the 28th November, 1919, and from the 5th to the 19th January, 1920, at fifty-eight centres.

As in 1918, at the request of the Public Service Commissioner, the Department conducted an additional special Public Service Entrance Examination in June, 1919.

The Public Service Senior Examination of January, 1920, was confined to returned soldier candidates who had previously obtained partial success in the examination and were desirous of completing their pass.

In January, 1921, all officers of the Public Service who obtained a partial success in 1919 and who failed to complete the examination, in addition to returned soldier candidates, will be given a final opportunity of completing the Public Service Senior Examination, which will then be discontinued. In future, officers of the Public Service will be required to take the Matriculation Examination in lieu of the Public Service Senior Examination.

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:—

	1918-19.	1919-20.
Number who entered	9,054	9,071
Number who actually sat for examination	6,515	7,739
Number of absentees	2,539	1,332

In connection with the Junior National Scholarship Examination of November, 1919, the Department again endeavoured, as far as possible, to prevent the presentation of unprepared candidates, and the consequent heavy burden of work upon the examiners and unnecessary expense to the country. Head teachers were permitted to present, in general, not more than 10 per cent. of their Sixth Standard pupils for the examination, and secondary-school Principals were asked to take similar steps to ensure the putting-forward of only the best candidates. The number of candidates who sat in this examination shows an increase over last year. The percentage of failures is 50·3 as compared with 49·5 in 1918. The special admission of candidates who were too old to qualify for junior free places in the Certificate of Proficiency Examination was again necessary.

The practice of granting senior free places to approved candidates without special examination, on the recommendation of the Principals of the secondary

schools attended by them, or, in the case of district-high-school pupils, of Inspectors of Schools, was continued in 1919.

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

	1916-17.	1917-18.	1918-19.	1919-20.
Junior National Scholarships and junior free places ..	4,403	3,122	1,917	2,170
Public Service Entrance, Senior National Scholarships, and Intermediate	3,839	3,315	2,422	3,063
Teachers D and C	1,941	2,102	1,912	2,234
Public Service Senior	653	226	78	50
Typists' Examination	50	60	46	..
Kindergarten Certificate Examination	5	4	5	9
Special Public Service Entrance Examination in June .. .. .	..	..	133	189
London University Examinations	1	1	2	4
Other examinations .. .. .	..	..	..	20
	10,894	8,830	6,515	7,739

The increase in the number of candidates sitting for examination in 1919-20 is due partly to the fact that the influenza epidemic of 1918 prevented a number of intending candidates from then presenting themselves.

Candidates for Senior National Scholarships again had the option of being examined under a programme (scheme A) corresponding to the usual secondary-school course, or under an alternative one (scheme B) intended to suit candidates who have been taking courses with an agricultural or domestic bias. The number of candidates examined under the scheme A programme so far remains much the same from year to year.

The standards of qualification for the year, fixed in accordance with the provisions of the Act, were 64 per cent. for juniors, and 62 per cent. for seniors. 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 examination conducted by the Education Department for the Public Service Commissioner to test typists' claims to promotion has been discontinued.

The employment of Inspectors of Schools as examiners and as examination supervisors has been largely reduced, as the addition of this examination work to their ordinary duties was considered to impose too heavy a burden upon them.

The cost of conducting the examinations was as follows:—

Total expenses, including cost of additional clerical services temporarily employed, but omitting other salaries	£	7,020
Less amounts received or to be received—	£	
Fees paid by candidates for teachers' certificates and others ..	2,564	
Contribution by Public Service Commissioner for expense of conducting Public Service Examinations, the fees for which, amounting to £1,326, were credited to him—		
Public Service Entrance, June 1919	267	
Public Service Entrance, November, 1919	1,045	
Public Service Senior, January, 1920	69	
		3,945
Net expenditure	£3,075	

No. 2.

THE DIRECTOR OF EDUCATION to the HON. the MINISTER OF EDUCATION.

SIR,—

Education Department, Wellington, 30th July, 1920.

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 four main groups:—

- (i.) A special Public Service Entrance Examination held in June;
- (ii.) An examination to determine the grant of Junior Scholarships and junior free places, held in November or December;
- (iii.) A main series for Public Service Entrance, Senior National Scholarship, and senior free place purposes, held in November; and
- (iv.) A January series (a) for teachers' certificates of Classes D and C, and incidentally to some extent of Class B, and (b) for Public Service Senior qualifications.

The examinations were held from the 19th to 28th November, 1919, and from the 5th to 19th January, 1920.

The following places were centres of examination: The nine towns which are the seats of Education Boards, and Alexandra, Aratapu, Ashburton, Balclutha, Blenheim, Carterton, Collingwood, Coromandel, Dannevirke, Darfield, Eketahuna, Feilding, Gisborne, Gore, Greymouth, Hamilton, Hastings, Hawera, Hokitika, Kohukohu, Lawrence, Levin, Marton, Masterton, Oamaru, Pahiatua, Palmerston North, Paparoa, Patea, Petone, Pukekohe, Rangiora, Reefton, Rotorua, Stratford, Takaka, Taihape, Taumarunui, Tauranga, Te Kuiti, Thames, Timaru, Waihi, Waimate, Waipawa, Wairoa, Warkworth, Westport, Whakatane, and Whangarei. There were seven 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 1918-19	..	..	..	..	9,054
„ 1919-20	..	..	..	..	9,071
Increase of candidates entered in 1919-20	..	..	..	..	17
Number actually present at examination, 1918-19	..	..	..	..	6,515
„ „ 1919-20	..	..	..	..	7,739
Increase of candidates present in 1919-20	..	..	..	..	1,224
Number who did not present themselves, 1918-19	..	..	..	..	2,539
„ „ 1919-20	..	..	..	..	1,332

A certain proportion of the absentees is accounted for by the operation of a clause in the Regulations for Senior Free Places 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 the Regulations for Training-colleges also accounts for a certain proportion of the number. Approximately 1,800 candidates were thus given exemption from the Intermediate Examination, of whom 796 are not included in the total of examination entries given above.

In the several examinations the numbers shown below were present; figures for previous years are also given:—

	1915-16.	1916-17.	1917-18.	1918-19.	1919-20.
Junior National and Education Board Scholarships and junior free places	.. 3,973	4,403	3,122	1,917	2,170
Public Service Entrance, Senior National Scholarships, and Intermediate	.. 3,022	3,839	3,315	2,422	3,063
Teachers' D and C	.. 1,720	1,941	2,102	1,912	2,234
Public Service Senior	.. 675	653	226	78	50
Typists' Examination	.. 51	50	60	46	..
Special Public Service Entrance (June)	.. ..	.. ..	.. ..	133	189
Other examinations	.. 12	8	5	7	33
Totals	.. 9,453	10,894	8,830	6,515	7,739

The numbers for 1919-20 show a considerable increase compared with the numbers for 1918-19, although, for the Junior National Scholarship Examination, head teachers were required to make a selection from their pupils and present only those who had good prospects of qualifying. The fact that influenza was prevalent at the time of the 1918-19 examinations largely accounts for the difference in numbers.

In addition to the usual examination held in November a special Public Service Entrance Examination was this year held in June. Girls were admitted to both these examinations.

Entries for the Public Service Senior Examination of January, 1919, were limited to returned soldier candidates who had previously obtained partial success towards the examination.

Of the total number of candidates who sat for the Junior National Scholarship Examination—

The number of candidates for scholarships was	..	..	1,909
The number who obtained a scholarship qualification was	..	..	217
The number who qualified for a free place in the scholarship examination was	..	..	1,031
The number who failed was	..	..	661
The number of candidates for free places was	..	..	261
The number of these who qualified for a free place was	..	..	48
The number who failed was	..	..	213

The highest percentages of marks gained in the various subjects of this examination were as follows: English, 94.6; arithmetic, 100; geography, 82; history and civics, 90; elementary science and nature study, 89; drawing, I, 86; drawing, II, 100; The highest percentage gained by any one candidate on the whole examination was 83.625.

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	..	..	3,063
(b.) Candidates for the Public Service Entrance and Senior National Scholarship tests	..	..	1,757
(c.) Candidates for the intermediate tests (senior free places and drawing only)	..	..	1,306

Of the 793 candidates who sat for the Senior National Scholarship Examination 749 were examined on the Scheme A (General) Course, and 44 on the Scheme B (Rural and Domestic) Course. The numbers of candidates who qualified for scholarships in the two divisions were 116 and 6 respectively.

Of the Public Service Senior candidates—

The number present at examination was	..	..	..	..	50
The number who passed the whole examination was	..	..	..	..	14
The number who gained a pass in two or more subjects without completing the whole examination was	..	..	..	..	8
The number who failed to improve their status was	..	..	..	..	22

The number of candidates who sat for the different stages of the Teachers' Certificate Examinations was 2,234.

The following table shows the previous status of the candidates who sat for the Teachers' Certificate Examinations, and the examinations for which they entered:—

Examinations previously passed.	Candidates for the Whole or Part of Class C.	Candidates for Class D.	Candidates for Class D with the Matriculation Examination of January, 1919.	Totals.
	1.	2.	3.	4.
Class C and higher examinations	25	..	..	25
Class D, with partial success towards Class C	190	..	..	190
Class D alone	61	..	..	61
Partial success towards Class D and Class C	70	58	..	128
Partial success towards Class D only	162	971	16	1,149
Class E and partial pass for Class E	2	..	..	2
Nil	8	646	25	679
Totals	518	1,675	41	2,234

Candidates who entered for Class C and Class D are included in column 1 but not in column 2.

The following table shows the examination status of the candidates who sat for the Teachers' Certificate Examinations of January, 1919–20, (a) before the examinations, and (b) after the examinations; and also the numbers of candidates who failed to improve their status:—

Examination Status.	Number of Candidates qualified under the Different Headings.		Number of Candidates who failed to improve their Status.
	(a.) Before the Examination.	(b.) After the Examination.	
	1.	2.	3.
Class A .. .. .	..	2	..
Class B .. .. .	..	11	..
Class C	25	98	7
Class D, with partial success towards Class C	190	211	66
Class D alone	61	312	25
Partial success towards Class D and Class C	128	92	35
Partial success towards Class D only	1,149	1,244	188
Class E	2	1	1
Nil	679	263	263
Totals	2,234	2,234	585

The numbers in column 2 include the numbers in column 3. The numbers in column 2, minus the numbers in column 3, give the actual successes gained (under the various headings) at the examinations of January, 1920.

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 examinations in technological subjects for the City and Guilds of London Institute. 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.

- Anderson, A. M., Miss.
 Aschman, C. T.
 Baker, E. S., M.B., Ch.B., Medical Inspector of Schools.
 Bakewell, F. H., M.A., Senior Inspector of Schools.
 Ballantyne, W. A., B.A.
 Barltrop, G. W.
 Bird, W. W., M.A., Senior Inspector of Schools.
 Blunt, Professor T. G. R., M.A.
 Bolton, H., F.I.A., F.R.A.
 Booth, L. H.
 Bossence, C. R., Inspector of Schools.
 Brock, W., M.A., Senior Inspector of Schools.
 Brownlie, R.
 Burdekin, H., A.P.A. (N.Z.).
 Burns, A. N., M.A.
 Cameron, G. C. M., Miss, M.Sc.
 Cane, T. W., M.A.
 Charters, A. B., M.A.
 Clark, E. H.
 de Cleene, L., Mme.
 Cornish, H. H., M.A., LL.M.
 Cotton, C. A., M.Sc., Victoria University College.
 Cox, J. T. G., Inspector of Schools.
 Crawford, A., B.A.
 Cresswell, T. R., M.A., Inspector of Secondary Schools.
 Crompton-Smith, Mrs. R. M.
 Cumming, C. A.
 Darwin, L. J., M.A.
 Ellis, J.
 England, Miss M., M.A.
 Fleming, T. R., M.A., LL.B., Senior Inspector of Schools.
 Gill, T. H., M.A., LL.B.
 Gould, W. H., B.A.
 Grace, L. M.
 Grant, J., B.A.
 Green, E. S.
 Gunn, E. E., M.B., Ch.B., Medical Inspector of Schools.
 Hardie, C. D., B.A.
 Hawcridge, R.
 Hercus, E. J. D., M.A., B.Sc.
 Hight, J., Litt.D., F.R.E.S., Professor, Canterbury College.
 Hogben, G., M.A., F.G.S.
 Howe, E.
 Inglis, A., M.A., M.Sc.
 Isaac, E. C., Inspector of Manual and Technical Instruction.
 Jeffery, J.
 Jerram, J. H.
 Juniper, A. B.
 Kirk, H. B., M.A., Professor, Victoria University College.
 Kirkpatrick, R. D.
 Laing, R. M., M.A., B.Sc.
 Lamb, S. E., B.Sc., A.M.I.M.E.
 La Trobe, W. S., M.A., Superintendent of Technical Education.
 Lawrell, M. E., Miss, M.A.
 Lewis, T. W.
 Lomas, E. K., M.A., M.Sc.
 Loten, E. G.
 Lynskey, M. J., M.A., Inspector of Schools.
 McElrea, W., B.E.
 McIlraith, J. W., LL.B., Litt.D., Inspector of Schools.
 McKenzie, N. R., Inspector of Schools.
 McLeod, M., B.A., Inspector of Schools.
 McNeil, A., M.A.
 Marsden, E., D.Sc., Professor, Victoria University College.
 Martin, W.
 Maxwell, J., Miss.
 Mayne, J. B., B.A., Inspector of Schools.
 Milligan, R. R. D., Dr.
 Moore, J. A., M.A., B.Sc.
 Morris, William C.
 Morton, A. J., B.A.
 Mulgan, E. K., M.A., Senior Inspector of Schools.
 Murphy, B. E., M.A., LL.B., B.Com., F.R.E.S., Professor, Victoria University College.
 Neve, F., M.A., LL.B., B.Sc.
 Newman, M. S., Miss.
 Owen, S. C., M.A., Inspector of Schools.
 Page, W. M.
 Parkinson, H. A., M.A.
 Parr, E. J., M.A., B.Sc., Inspector of Secondary Schools.
 Paterson, A. G., M.B., Ch.B., Medical Inspector of Schools.
 Plummer, G. H., LL.B., Inspector of Schools.
 Priestley, M., Inspector of Schools.
 Purchase, J. E., M.A.
 Robieson, E. R. C.
 Robinson, W. F., F.R.G.S.
 Rowe, T. W., M.A., LL.B.
 Seaward, D., A.R.C.A.
 Simmers, G. A., M.A.
 Speight, R., M.A., M.Sc., F.G.S., Canterbury College.
 Spragg, L.
 Strachan, D. A., M.A.
 Strong, T. B., M.A., B.Sc., Chief Inspector of Primary Schools.
 Stuckey, F. G. A., M.A., Inspector of Schools.
 Sturrock, D. A.
 Tamblyn, J., M.A.
 Taylor, C., Mrs.
 Thompson, J., M.A.
 Treadwell, C. H.
 Trendall, A. D.
 Waitai, W. D.
 Wallace, H.
 Wallace, M. R.
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 Watkin, L., Mrs.
 Watkin, L. J.
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 Williamson, S.
 Wilson, F. P., M.A.
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