

1915.
NEW ZEALAND.

EDUCATION:
HIGHER EDUCATION.

[In continuation of E.-7, 1914.]

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

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HIGHER EDUCATION.

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

NEW ZEALAND UNIVERSITY AND AFFILIATED COLLEGES.

THE New Zealand University, the body which has general control of higher education in New Zealand, was founded by the New Zealand University Acts of 1870, 1874, and 1875. In 1876 the University was recognized by Royal charter as entitled to grant the degrees of Bachelor and Master in Arts, and Bachelor and Doctor in Law, Medicine, and Music. The Amendment Act of 1883, and the supplementary charter issued in December of the same year, added the degrees of Bachelor and Doctor of Science. Moreover, in 1904 the University Degrees Act gave the University authority to confer degrees of Doctor of Literature, Master of Laws, Surgery, and Science, and Bachelor, Master, and Doctor of Veterinary Science, Dental Surgery, Mechanical, Electrical, Civil, Mining, and Metallurgical Engineering, Naval Architecture, Agriculture, Public Health, and Commerce. For these latter no further charter has been given, so that nominally they must be considered as having currency only in New Zealand.

The affairs of the University of New Zealand are controlled by a Senate, which, under the New Zealand University Amendment Act, 1902, consists of twenty-four members or Fellows—four elected by the Governor in Council; eight by the governing bodies of the four affiliated institutions, two by each; four, one each, by the Professorial Boards; and eight, two each, by the four District Courts of Convocation, consisting of the graduates belonging to the several University districts. The revenue of the University is derived chiefly from a statutory Government grant of £3,000 per annum, from examination and diploma fees, and from interest on money invested.

The University is an examining, not a teaching, body, and four teaching institutions are affiliated to it—the Auckland University College, Victoria University College, Canterbury College, and Otago University. Of these four institutions the two first mentioned—Auckland University College and Victoria College—each receive an annual statutory grant of £4,000, supplemented last year by grants of £2,700 and £3,000 respectively for the general purposes of the institution, while the two others—Canterbury College and Otago University—are endowed with reserves of land. The affairs of these University colleges, including the appointments of professors and lecturers, are entirely in the hands of the various Councils.

Each of the four affiliated University colleges specializes in certain directions, and to further this purpose the Government makes to each an additional annual grant to provide for the special studies pursued.

This annual grant normally amounts to £2,000 in each case, but in the case of Otago University has been during the past year increased to £4,500 to meet the special expenses attached to the medical school. Otago University has both medical and dental schools, and a school of mining and metallurgical engineering; Canterbury College has a school of engineering (mechanical, electrical, and civil); at Auckland University College the grant is allocated for mining and commerce; and at Victoria College it is in consideration especially of law subjects and science.

Under the provisions of the New Zealand University Amendment Act of 1914 new arrangements are made for the payment of fixed grants out of the Consolidated Fund to each of the affiliated institutions of the University; and, in addition, provision is made for the payment to such institutions of one-seventh part of the National Endowment Account available for purposes of education. Two-thirds of the amount is to be distributed among the four colleges, the remaining third being paid to the University of New Zealand in trust to be distributed according to the decision of the Senate.

The New Zealand University Amendment Act of 1914 also provides for the establishment of a Board of Studies consisting of twenty members, five of whom are to be appointed by each of the Professorial Boards of the four institutions affiliated to the University. The Board is to have power to make recommendations to the Senate as to the appointment of examiners and as to degrees, diplomas, scholarships, prizes, courses of study, and examinations, and to receive recommendations as to any of these matters from the Professorial Boards or other bodies concerned.

OTHER PROFESSIONAL INSTITUTIONS.

In addition to the four University colleges there are several institutions which, though not actually affiliated to the New Zealand University, are equally entitled to be considered professional in their scope and character.

The Canterbury Agricultural College is recognized by the University as a school of agriculture, and matriculated students of the College may, after a two-years course, followed by a further course of one year at a University college, qualify for the degree of Bachelor of Agriculture upon passing the prescribed examination.

In several respects the four training colleges at Auckland, Wellington, Christchurch, and Dunedin may also be considered professional schools. Although not affiliated with the New Zealand University, they are in several ways directly associated with the University colleges: matriculation is to a large extent the entrance examination for both; the principal of the training college is usually lecturer on education at the University college; attendance at some at least of the University college courses is compulsory for trainees; and a member of the Professorial Board of the University college is a member of the Board of Advice of the training college.

NEW ZEALAND UNIVERSITY.

The following are some figures in connection with the annual examination conducted by the University:—

	1913.	1914.
Total number of candidates at all examinations, &c.	.. 3,444	3,472
Number who qualified for degrees .. ..	.. 183	211
Of whom the number gaining honours was ..	.. 44	56
Number passing Matriculation Examination ..	.. 502	617
Total number of graduates so far admitted ..	.. 1,755	1,879

The following table shows the principal items of income and expenditure of the University of New Zealand for the years 1913 and 1914:—

<i>Income.</i>			<i>Expenditure.</i>		
	1913.	1914.		1913.	1914.
Balances—	£	£		£	£
General Account ..	5,676	5,104	Scholarships	2,283	2,496
Scholarship Account ..	26,049	26,548	Examinations	7,761	7,307
	31,725	31,652	Office salaries	1,106	1,095
Statutory grant ..	3,000	3,000	Expenses of Senate meetings	644	692
Fees	8,062	7,710	Miscellaneous	793	656
Interest	1,283	1,191	Balances	31,653	31,412
Miscellaneous	170	105			
	<u>£44,240</u>	<u>£43,658</u>		<u>£44,240</u>	<u>£43,658</u>

In the above statement no account has been taken of special scholarships and prize funds. The balance at the end of the year, £31,412, consists of a balance on the Scholarships Account of £26,743, and a balance on the General Account of £4,669. The amount in hand for general purposes was therefore £4,669, the only liabilities of importance against which are amounts of £1,911 due to English examiners for the degree examinations of November, 1914, and £2,002 due to the Scholarship Account. The net balance on the General Account has therefore decreased from £3,143 in 1913 to £2,557 in 1914, a net decrease of £586.

DEGREES OBTAINED AND SCHOLARSHIPS AWARDED.

Table M gives the numbers of those qualifying for degrees and scholarships in 1914. For the sake of clearness no notice has been taken of similar degrees awarded on the results of a single examination—as, for instance, Master and Honours, or the double degree of Bachelor of Medicine and Surgery.

TABLE M.—NUMBER OF SUCCESSFUL CANDIDATES AT THE EXAMINATIONS FOR DEGREES IN 1914.

Degrees.	Auckland University College.			Victoria University College.			Canterbury College.			Otago University.			Total.		
	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.
Doctor of Medicine .. ..	..	..	..	..	..	..	..	..	..	1	..	1	1	..	1
Doctor of Science .. ..	..	..	..	1	..	1	1	..	1	..	..	..	2	..	2
Honours in Arts	7	3	10	7	3	10	11	1	12	8	5	13	33	12	45
Honours in Science	3	..	3	..	..	..	..	..	..	5	..	5	8	..	8
Honours in Laws	1	..	1	1	1	2	..	..	..	..	..	..	2	1	3
Master of Arts	1	..	1	4	1	5	..	..	..	2	..	2	7	1	8
Master of Laws .. ..	..	..	..	2	..	2	..	..	..	..	..	..	2	..	2
Master of Science .. ..	..	..	..	..	..	..	1	..	1	..	..	..	1	..	1
Bachelor of—															
Arts	12	4	16	8	10	18	9	11	20	17	7	24	46	32	78
Science	1	..	1	1	2	3	..	..	..	2	1	3	4	3	7
Medicine and Surgery ..	..	..	..	..	..	..	..	..	..	27	..	27	27	..	27
Dental Surgery .. ..	..	..	..	..	..	..	..	..	..	2	..	2	2	..	2
Laws	7	..	7	10	..	10	1	..	1	3	..	3	21	..	21
Music .. ..	..	..	..	..	..	..	1	..	1	..	..	..	1	..	1
Commerce .. ..	..	..	..	..	..	..	..	..	..	1	..	1	1	..	1
Engineering (Mechanical)	..	..	..	..	..	..	1	..	1	..	..	..	1	..	1
“ (Civil) .. ..	..	..	..	..	..	..	2	..	2	..	..	..	2	..	2
“ (Electrical) .. ..	..	..	..	..	..	..	1	..	1	..	..	..	1	..	1
Senior University Scholarships	2	2	4	1	1	2	2	2	4	..	..	..	5	5	10
John Tinline Scholarships	..	..	..	..	..	..	..	..	..	1	..	1	..	1	1
Totals	34	9	43	35	18	53	30	14	44	68	14	82	167	55	222

Out of 2,257 students on the books of the University colleges there were thus 141 who were entitled to rise from the status of undergraduate to that of graduate, and sixty-seven from that of Bachelor to the status of Master of Arts, Laws, or Science. In addition, two students qualified for the degree of Doctor of Science, and one for that of Doctor of Medicine, making a total of 211—a percentage of 9·3, as compared with 7·9 for the year 1913.

AFFILIATED COLLEGES.

Reference to Table MA will show that there were 2,134 students actually in attendance at the four University colleges, a decrease of 84 as compared with the number for the previous year. Of these, 108 were graduates, 1,463 were undergraduates, and 565 were unmatriculated students. In addition to the matriculated students mentioned above, there were 123 students attached to the various University colleges, but exempt from lectures—that is, they were prevented by distance or by the necessity of earning their living from attending lectures at the college, but were allowed to keep terms, except in certain science and professional subjects, by passing the annual college examination.

TABLE MA.—STUDENTS ON THE BOOKS OF THE AFFILIATED INSTITUTIONS.

	Auckland University College.	Victoria University College.	Canterbury College.	Otago University.	Totals for 1914.
I. Attending lectures (whether terms were kept or not)—					
(1.) Matriculated students—					
(a.) Graduates—					
Men	16	17	18	31	82
Women	9	7	3	7	26
Total graduates attending lectures ..	25	24	21	38	108
(b.) Undergraduates—					
Men	244	197	189	315	945
Women	156	104	120	136	516
Total undergraduates attending lectures ..	400	301	309	451	1,461
(c.) All matriculated students (a) and (b)—					
Men	260	214	207	346	1,027
Women	165	111	123	143	542
Total matriculated students attending lectures	425	325	330	489	1,569
(2.) Non-matriculated students—					
Men	68	29	172	80	349
Women	117	23	36	40	216
Total non-matriculated students attending lectures	185	52	208	120	565
(3.) All students attending lectures (1) and (2)—					
Men	328	243	379	426	1,376
Women	282	134	159	183	758
Total of all students attending lectures ..	610	377	538	609	2,134

TABLE MA—continued.

	Auckland University College.	Victoria University College.	Canter- bury College.	Otago Uni- versity.	Totals for 1914.
II. Exempt students not attending lectures, not included above—					
Men	15	43	6	25	89
Women	1	24	1	8	34
Total exempt students	16	67	7	33	123
III. Total of all students (I and II)—					
Men	343	286	385	451	1,465
Women	283	158	160	191	792
Grand total of all students, 1914	626	444	545	642	2,257
Grand total of all students, 1913	665	512	537	604	2,318

Table MB shows the degree courses taken during the year 1914 by students attending lectures at the various University colleges, including the professional schools attached thereto.

TABLE MB.—COURSES TAKEN BY STUDENTS ATTENDING LECTURES AT UNIVERSITY COLLEGES IN 1914.

Course.	Men.	Women.	Total.
Arts (as for B.A., M.A., &c.)	342	342	684
Science (as for B.Sc., M.Sc., &c.)	76	14	90
Law (as for LL.B., LL.M., &c.)	207	1	208
Commerce (as for B.Com., &c.)	110	3	113
Medicine (as for M.B., &c.)	147	15	162
Dentistry (as for B.D.S.)	9	...	9
Engineering (as for B.E., Civil, Mechanical, or Electrical)	52	...	52
Mining Engineering (as for degree)	29	...	29
Home Science .. .. .	...	45	45
Totals, 1914	972	420	1,392
Totals, 1913	884	400	1,284
Difference	88	20	108

The total staff of the four University colleges consists of forty-six professors and seventy lecturers. The following table shows the staff of the several institutions:—

PROFESSORS AND LECTURERS (1914).

	Professors.	Lecturers, Demonstrators, and Assistants.
Auckland University College	8	16
Victoria University College	10	17
Canterbury College	10	12
Otago University	18*	25†
Totals	46	70

* Also four Emeritus Professors.
Clinical Medicine and Clinical Surgery.

† Also the honorary staff of the Dunedin Hospital act as lecturers on

FINANCES OF THE AFFILIATED INSTITUTIONS IN 1914.

The detailed statements of accounts of the New Zealand University, the four affiliated institutions, and the Canterbury Agricultural College, Lincoln, will be found in the Appendix. The following summary gives a general view of the finances of the University colleges. No notice has been taken of special trust accounts and of non-university institutions under the control of a College Council, such as (for instance) the museum, public library, or school of art controlled by the Board of Governors of Canterbury College, or the museum connected with Otago University.

TABLE MC.—SUMMARY OF ACCOUNTS.
Receipts (exclusive of Special Trusts).

University College.	From Government.										Rents from Endowments, and Interest.	Fees.	Donations, &c.	Miscellaneous.	Total.															
	Statutory Grant, Specialization Grant, and Addition to Statutory Grant.			Grants for Buildings and Fittings.		Grants for Material and Apparatus.		Subsidies.		Scholarship and Bursary Payments, and Miscellaneous.						Total from Government.														
	£	s.	d.	£	s.	d.	£	s.	d.	£						s.	d.	£	s.	d.										
Auckland	9,825	0	0	..	..	..	150	0	0	485	5	2	10,469	5	2	581	14	9	2,948	10	0	150	0	0	405	19	5	14,546	0	4
Victoria (to 31st March, 1915)	9,000	0	0	..	..	..	175	3	9	699	8	9	9,874	12	6	88	13	9	1,994	10	6	305	15	0	8	13	4	12,272	5	1
Canterbury	2,149	0	9	150	0	0	61	7	2	575	11	0	3,035	18	11	11,314	4	10	2,731	11	0	100	0	0	1,633	7	1	18,815	1	10
Otago (to 31st March, 1915)	5,636	12	6	6,748	11	10	..	..	..	50	0	0	12,435	4	4	7,686	12	9	7,366	17	1	2,099	2	6	16	19	1	29,604	15	9
Total of four University colleges	26,610	13	3	6,898	11	10	61	7	2	425	3	9	1,810	4	11	19,671	6	15,041	8	7	2,654	17	6	2,064	18	11	75,238	12	0	
Canterbury Agricultural College	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3,610	2	10	1,587	13	11	..	..	..	6,221	10	2	11,419	6	11

* Including £1,800 paid (annually) by the Presbyterian Church Board.

Expenditure (exclusive of Special Trusts).

University College.	Administration.			Salaries.		Sites, Buildings, &c.		Equipment and Apparatus.		Material and Renewals, &c.		Expenditure on Endowments.		Interest.		Libraries.		Scholarships.		Miscellaneous.		Total.											
	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.												
Auckland	1,394	4	6	9,813	12	4	113	11	5	323	14	1	119	14	0	..	0	16	9	162	10	7	516	13	8	12,494	17	4					
Victoria (to 31st March, 1915)	1,000	15	11	9,962	8	4	51	0	10	467	9	0	92	10	1	..	..	..	..	167	0	7	87	10	0	643	1	2	12,471	15	11		
Canterbury	1,829	5	8	11,096	10	11	2,294	3	4	1,474	12	11	289	16	7	371	16	5	423	5	4	172	5	11	276	0	0	1,030	11	10	19,258	8	11
Otago (to 31st March, 1915)	1,219	3	1	15,932	8	10	11,373	7	8	717	0	2	819	6	7	128	17	8	440	0	0	114	13	6	..	..	..	1,106	19	7	31,851	17	1
Total of four University colleges	5,443	9	2	46,805	0	5	13,832	3	3	2,982	16	2	1,321	7	3	500	14	1	864	2	1	616	10	7	413	10	0	3,297	6	3	76,076	19	3
Canterbury Agricultural College	127	0	3	1,787	14	6	888	4	5	388	12	3	3,014	19	11	45	11	0	..	..	..	28	18	6	..	..	..	5,546	14	2	11,827	15	0

SCHOLARSHIPS, BURSARIES, ETC.

University scholarships may be divided into three broad classes: (1) Entrance scholarships, (2) scholarships awarded during the degree course, (3) post-graduate scholarships.

(1.) University entrance scholarships are awarded annually on the results of the University Junior Scholarship Examination, and are as follows: University Junior, University National, and Taranaki Scholarships, in addition to some thirty or forty local and privately endowed scholarships awarded on the results of the same examination. In addition to the scholarships, and partly in connection therewith, a scheme of bursaries entitling students to free tuition is also in operation, as set out in detail below.

(2.) Scholarships awarded during the degree course are the Senior University, Tinline, and Sir George Grey Scholarships. The first two are tenable by candidates sitting for their final examination for B.A. or B.Sc., and may therefore be regarded in a sense as post-graduate.

(3.) The chief scholarships awarded at the end of the University course are the Rhodes Scholarship, the 1851 Exhibition Scholarship, the Medical Travelling Scholarship, and the National Research Scholarships. The first three are all travelling scholarships—that is, they are tenable abroad. The Research Scholarships are each of the value of £100 per annum, with laboratory fees and expenses. They have hitherto been offered annually by the Government, one to each of the affiliated institutions, to promote research work likely to be of benefit to New Zealand industries. By the University Amendment Act of 1914, however, the Research Scholarships are now placed under the control of the University of New Zealand.

So far twelve Rhodes Scholarships have been granted, of which five have been gained by students of Auckland University College, four by students of Otago University, and two by students of Victoria University College, and the last scholarship (1915) was awarded to H. S. Richards, B.A., of Canterbury College.

So far (1915) sixteen Research Scholarships have been awarded under the old conditions. Of these, four were in active operation in 1914 and two were taken up at the beginning of 1915. The subjects of research undertaken have been in each case closely connected with some New Zealand industry, or with some industry which, though not yet undertaken in this Dominion, may at an early date be an industry of importance in New Zealand. Even if the discoveries made in the course of the research have no immediate commercial value, yet the training of a body of students in the application of scientific methods to the national industries cannot fail to be of great ultimate benefit to the Dominion. Of recent years the inclination of Professorial Boards has been to endeavour to arrange for new research scholars to carry on the work as from the stage at which it has been left by former students. There is no doubt that such a method, taking into consideration the fact that the tenure is for two years only (though with a possible extension to a third year), is more likely to result in discoveries of economic value.

The following are the subjects approved for the Research Scholarships now in operation:—

Victoria University College: Silver-blight in fruit-trees (1914). The stopping-power of gases for Alpha rays; and, A determination of the thermal conductivity of pumice (1915).

Canterbury College: A systematic examination of the refractory clays, &c., of the Canterbury District, with special reference to their use for fire-bricks and furnace-linings (1914).

Otago University: The volatile constituents of red-pine and other New Zealand timbers, with the object of determining how the timber can be improved by chemical treatment (1914).

The University bursaries that were awarded up to the end of 1914 were, on the coming into force of the University Amendment Act of that year, divided into two classes—University bursaries proper and educational bursaries. The Act

provided that the former, awarded on the credit pass in the University Entrance Scholarship Examination or on a higher leaving-certificate qualification, should pass under the control of the University of New Zealand, while the latter were provided for by regulations under the Education Act, 1914. Any matriculated student is entitled to an educational bursary who—

- (i.) Has within the six months immediately preceding completed his term of service as a pupil-teacher or probationer in some education district in accordance with regulations and to the satisfaction of the Education Board and of the Senior Inspector of that district, and declares his intention of entering a recognized training college on the completion of the tenure of his bursary ; or
- (ii.) Has satisfactorily completed his course of training at a recognized training college and gained a trained-teacher's certificate ; or
- (iii.) Has otherwise gained a teacher's certificate of a class not lower than Class C.

A University bursary is tenable for three years, with a possible extension to a fourth, and the conditions applying to University national scholars apply also to University bursars, with some relaxation of the rule regarding the keeping of terms. An educational bursary is tenable for three years, with possibly two yearly extensions, at a University college or recognized school of agriculture. The classes taken must be such as to form part of a course in arts, science, or agriculture, and proof of satisfactory progress must be given.

The number of bursaries held in 1914 was 286, of which number 110 were held under clause 1 (*a*) or 1 (*b*) of the older regulations, and 175 under clause 1 (*c*), 1 (*d*), or 1 (*e*) of those regulations. The total amount paid in fees on account of the bursaries was £3,469, of which amount £2,574 was in respect of the former class of bursaries. Holders of bursaries under clause 1 (*a*) or 1 (*b*) will be eligible to continue as University bursars in 1915. There will be 155 such cases. Bursaries under clause 1 (*c*), 1 (*d*), or 1 (*e*) will be tenable as educational bursaries under the new conditions. There will be 100 such bursaries, distributed as follows: Auckland University College, 13; Victoria University College, 32; Canterbury College, 30; Otago University, 25.

With the view of extending the sphere of usefulness of the special courses in home science and domestic arts inaugurated by the Council of the Otago University, regulations providing for the award of bursaries in connection therewith were issued in November, 1912, under the Regulations for Manual and Technical Instruction. These bursaries may be awarded on the recommendation of the Council to students who have been resident in the Dominion for not less than twelve months. Applicants must have—

- (1.) Passed the Matriculation Examination or some other examination approved for the purpose ; or
- (2.) Obtained at least a partial pass in the examination for the Class D teachers' certificate ; or
- (3.) Gained a higher leaving certificate or, in the case of pupil-teachers or probationers, a lower leaving certificate.

Applicants are required to make a declaration that they will on completion of their course engage in teaching for not less than three years.

The term of a bursary is two years, but may be extended for one year longer. A bursar under these regulations receives £20 per annum, together with the fees for the course for the degree or the diploma in home science and domestic arts, and, if obliged to live away from home, an allowance of £30 per annum. These bursaries are not tenable by holders of any other bursaries or of any scholarship of the value of £20 and upwards.

Bursaries of this kind have been awarded to six students for the current year (1915), making in all twenty-one bursars in attendance at classes. Fifteen bursars are taking the course for the degree, and six that for the diploma. The degree of bachelor of science in home science has been conferred on two students, while five have qualified for the diploma.

Table MD shows the number of scholarships, bursaries, and studentships held at each University college during the year 1914.

TABLE MD.—SCHOLARSHIPS, BURSARIES, EXHIBITIONS, AND STUDENTSHIPS HELD AT THE AFFILIATED INSTITUTIONS IN 1914.*

Scholarships, &c.	Auckland University College.	Victoria University College.	Canterbury College.	Otago University.	Total.
Junior University Scholarships ...	7	6	4	11	28
Senior National Scholarships ...	13	11	14	19	57
Taranaki Scholarships ...	...	3	...	3	6
Senior University Scholarships ...	4	2	...	5	11
University bursaries ...	49	75	56	106	286
Sir George Grey Scholarships ...	1	1	...	1	3
Other scholarships and exhibitions ...	2	3	8	31†	44
Training-college studentships ...	108	105	96	115	424
Totals 1914 ...	184	206	178	291	859
Totals 1913 ...	154	170	168	260	752
Difference ...	30	36	10	31	107

* Exclusive of Rhodes Scholarships and International Exhibition Scholarships (which are tenable out of New Zealand), and exclusive also of Research Scholarships given by the Government. † Including 19 home-science bursars.

THE UNIVERSITY ENDOWMENT ACT, 1868.

The income accrued under this Act, and applicable to the purposes of higher education yet to be determined by Parliament, amounted, on the 31st March, 1915, to £313 11s. 8d., received from reserves in Westland.

TARANAKI SCHOLARSHIPS ENDOWMENT ACT, 1910.

The balance on account of the Taranaki Scholarships Endowment amounted, on the 31st March, 1915, to £12,023. The control of Taranaki Scholarships has now been transferred from the Education Department to the University of New Zealand.

APPENDIX.

A. REPORT OF THE UNIVERSITY OF NEW ZEALAND, 1914.

Visitor.—His Excellency the Governor.

Chancellor.—His Honour Sir Robert Stout, K.C.M.G., LL.D., Chief Justice.

Vice-Chancellor.—Hon. Sir C. C. Bowen, Kt., M.L.C.

The Senate.

Appointed by His Excellency the Governor in Council—G. Hogben, Esq., C.M.G., M.A., F.G.S.; F. Fitchett, Esq., M.A., LL.D.; H. A. Gordon, Esq., F.G.S., M.A.I.M.E., A.M.I.C.E.; and W. E. Collins, Esq., M.B., M.R.C.S.Eng.

Appointed by governing bodies of affiliated institutions—J. Shand, Esq., M.A., LL.D.; Rev. W. Hewitson, B.A.; R. J. Scott, Esq., M.I.C.E., M.I.M.E., A.A.I.E.E.; Hon. Sir C. C. Bowen, Kt., M.L.C.; Sir G. M. O'Rorke, Kt., M.A., LL.D., M.L.C.; Hon. J. A. Tole, B.A., LL.B., K.C.; His Honour Sir R. Stout, K.C.M.G., Chief Justice; and Rev. W. A. Evans.

Appointed by Professorial Boards—W. B. Benham, Esq., M.A., D.Sc.; C. Chilton, Esq., M.A., D.Sc., M.B., C.M., F.L.S.; F. D. Brown, Esq., M.A., B.Sc.; and J. R. Brown, Esq., M.A.

Elected by District Courts of Convocation—Rev. A. Cameron, B.A.; J. M. Brown, Esq., M.A., LL.D.; J. W. Tibbs, Esq., M.A.; Dr. W. C. W. McDowell, B.A., M.D., C.M.; H. F. von Haast, Esq., M.A., LL.B.; J. Hight, Esq., M.A., Litt.D., F.R.E.S.; P. Marshal, Esq., M.A., D.Sc., F.G.S., F.R.G.S.; and T. A. Hunter, Esq., M.A., M.Sc.

ANNUAL REPORT OF THE SENATE.

In compliance with the 28th clause of the University Act, the Senate makes the following report to His Excellency the Governor of the proceedings of the University since the date of the last report:

The Senate met at Christchurch, pursuant to the provisions of the University Act, in annual session on the 20th January, 1915, and at that session made certain amendments to the University statutes. These amendments have been approved by His Excellency.

The usual examinations were held in April, May, November, and December, 1914, and in January, 1915, in the faculties of arts, medicine, law, engineering, commerce, and music, and for admission to the legal and accountants' professions.

The Senate also held a special session in April, 1915.

At the annual and special sessions of the Senate the following degrees were conferred: Bachelor of Arts, 82; Bachelor of Science, 11; Bachelor of Laws, 17; Bachelor of Medicine, 12; Bachelor of Surgery, 11; Bachelor of Dental Surgery, 2; Bachelor of Agriculture, 1; Bachelor of Science in Home Science, 2; Master of Arts, 37; Master of Laws, 3; Master of Science, 6; Doctor of Literature, 1. Of these, 35 gained Honours in Arts, 4 gained Honours in Science, 4 gained Honours in Law, 14 gained Senior Scholarships, 1 gained the John Tinline Scholarship.

In addition, 201 passed sections of examinations for various degrees, exclusive of those upon whom the above-mentioned degrees were conferred; 9 passed the engineering entrance examination; 112 passed examinations for admission to the legal profession; 138 passed examinations in accountancy; 50 gained certificates of proficiency in book-keeping.

Of the 158 candidates for entrance scholarship examinations, 10 gained Junior Scholarships, 21 gained National Scholarships, 59 passed "with credit" and qualified for Matriculation and the Solicitors' General Knowledge Examination, 40 qualified for Matriculation, 1 passed for Intermediate Mus.B. Examination, 23 failed, and 4 did not present themselves.

There were 1,462 candidates for the Matriculation Examination, of whom 515 passed the whole examination, 102 completed partial passes, 100 gained partial passes. Of the remaining candidates, 671 (who had entered for the whole examination) failed to pass, 56 failed to complete partial passes, and 17 did not present themselves.

ACCOUNTS AND BALANCE-SHEETS FOR THE YEAR ENDED 31st DECEMBER, 1914.

A. CLASSIFIED RECEIPTS.

GENERAL ACCOUNT.						£	s.	d.
1. Statutory grant	..	..	..	..	..	3,000	0	0
2. Degrees fees	..	..	..	..	..	608	19	6
3. Examination fees	..	..	..	..	..	6,807	10	6
4. Admission <i>ad eundem</i>	..	..	..	..	..	29	8	0
5. Certificates	..	..	..	..	..	152	10	0
6. Medical registration	..	..	..	..	..	88	4	0
7. Scholarship matriculating	..	..	..	..	..	23	2	0
8. Miscellaneous	..	..	..	..	..	104	14	11
						£10,814	8	11

SUMMARY OF RECEIPTS.						£	s.	d.
General Account	..	..	..	..	..	10,814	8	11
Ordinary Scholarship Account	..	..	..	..	..	2,690	13	10
John Tinline Scholarship Account	..	..	..	..	..	79	10	0
Senior National Scholarship Account	..	..	..	..	..	3,676	8	0
Macmillan-Brown Memorial Prize Account	..	..	..	..	..	4	10	8
Bowen Prize Account	..	..	..	..	..	6	1	2
C. H. H. Cook Prize Account	..	..	..	..	..	5	12	10
Habens Prize Account	..	..	..	..	..	3	19	11
Von Haast Prize Account	..	..	..	..	..	9	6	9
						£17,290	12	1

B. CLASSIFIED PAYMENTS.

GENERAL ACCOUNT.						£	s.	d.
Senate sessions	..	..	..	..	..	691	16	1
Office expenses	..	..	..	..	..	1,094	17	10
Printing, stationery, and sundries	..	..	..	..	..	656	9	8
Examinations—								
January	..	..	..	..	..	162	4	9
April ..	..	..	..	..	..	184	1	5
May ..	..	..	..	..	..	252	14	0
July ..	..	..	..	..	..	183	16	4
November	..	..	..	..	..	2,356	19	7
December	..	..	..	..	..	2,250	8	9
Special	..	..	..	..	..	54	3	4
English agency	..	..	..	..	..	1,862	5	3
Transfers to Ordinary Scholarship Account	..	..	..	..	..	1,500	0	0
						£11,249	17	0

SUMMARY OF PAYMENTS.						£	s.	d.
General Account	..	..	..	..	..	11,249	17	0
Ordinary Scholarship Account ..	..	..	..	..	..	2,496	6	4
John Tinline Scholarship Account	..	..	..	..	..	60	14	0
Senior National Scholarship Account	..	..	..	..	..	3,484	2	3
						£17,290	19	7

BALANCE-SHEET.—GENERAL ACCOUNT.

Dr.	£	s.	d.	Cr.	£	s.	d.
Balance from 1913	5,103	Payments, 1914—	..	..	691
Receipts of 1914—			15	Senate sessions	..	..	16
Statutory grant	0	Office and rent	..	..	1,094
Degree fees..	0	Sundries	..	..	181
Examination fees	6	Printing	..	..	475
<i>Ad eundem</i>	0	Cost of examinations	..	..	5,444
Certificates	0	English agency	..	..	1,862
Medical registration	0	Transfers to Scholarship Account	..	..	1,500
Scholarship matriculating	0	Balance in bank	..	£4,900	5
Miscellaneous	0	Less unrepresented cheques	..	140	13
			11			4,759	12
				Plus Imprest English agent	..	1,910	17
						6,670	9
				Less due to Scholarships Ac.	..	2,002	2
						4,668	6
						£15,918	3
						11	11

BALANCE-SHEET ON ALL ACCOUNTS.

Dr.	£	s.	d.	Cr.	£	s.	d.
Balance from 1913	32,222	Payments, 1914—	..	..	11,249
Plus imprest	1,961	General Account	..	..	2,496
Receipts, 1914—			6	Ordinary Scholarship Account	..	..	60
General Account	8	John Tinline Scholarship Account	..	..	3,484
Ordinary Scholarship Account	10	Senior National Scholarship Account	..	..	2
John Tinline Scholarship Account	0	Balances—			
Senior National Scholarship Account	0	General Account	..	..	2,757
Macmillan-Brown Memorial Prize Account	8	Ordinary Scholarship Account	..	..	3,047
Bowen Prize Account	2	Senior National Scholarship Account	..	..	249
C. H. H. Cook Prize Account	10	John Tinline Scholarship Account	..	..	34
Habens Prize Account	11	Cook Prize Account ..	..	..	122
Von Haast Prize Account	9	Bowen Prize Account	..	..	17
				Habens Prize Account	..	..	113
				Macmillan-Brown Prize Account	..	..	8
				Von Haast Prize Account	..	..	7
				Arrears of interest due	..	..	183
				Imprest, English agency	..	..	1,910
				Investments	..	..	25,680
				Insurance premiums	..	..	50
						£51,474	7
						10	10

LIST OF INVESTMENTS.

Ordinary Scholarship Account—						£
Loans on mortgage—						
At 4½ per cent.	..	..	..	..	..	2,000
"	..	..	..	..	..	8,000
At 5 per cent.	..	..	..	..	..	2,000
"	..	..	..	..	..	2,200
"	..	..	..	..	..	2,300
"	..	..	..	..	..	1,200
At 5½ per cent.	..	..	..	..	..	1,100
"	..	..	..	..	..	450
"	..	..	..	..	..	2,100
At 6 per cent.	..	..	..	..	..	1,200
"	..	..	..	..	..	1,000
John Tinline Scholarship Account—						
Loan on mortgage at 5 per cent.	..	..	..	..	..	1,200
Fixed deposit at 4 per cent.	..	..	..	..	..	150
Fixed deposit at 4½ per cent.	..	..	..	..	..	300
Macmillan-Brown Memorial Prize Account—						
Fixed deposit at 4 per cent.	..	..	..	..	..	110
Bowen Prize Account—						
Fixed deposit at 4 per cent.	..	..	..	..	..	120
Von Haast Prize Account—						
Fixed deposit at 3½ per cent.	..	..	..	..	..	250
						<u>£25,680</u>

G. HOBGEN, Acting-Registrar.

Examined and found correct.—ROBERT J. COLLINS, Controller and Auditor-General.

B. REPORT OF THE AUCKLAND UNIVERSITY COLLEGE, 1914.

Visitor.—The Hon. the Minister of Education.*Members of Council.*

Appointed by His Excellency the Governor in Council—Hon. Sir G. M. O'Rorke, M.A., LL.D., M.L.C.; Rev. J. H. Simmonds; G. L. Peacocke, Esq.
 Appointed by the Professorial Board—Professor H. W. Segar, M.A.; Professor C. W. Egerton, M.A.
 Elected by members of the Legislature—Hon. J. A. Tole, B.A., LL.B., K.C.; J. F. Hosking, Esq.; T. W. Leys, Esq.
 Elected by graduates—H. D. Bamford, Esq., B.A., LL.D.; W. C. W. McDowell, Esq., B.A., M.D., C.M.; T. U. Wells, Esq., M.A.; H. J. D. Mahon, Esq., B.A.
 Appointed by the Auckland City Council—C. J. Parr, Esq., C.M.G., M.P.
 Appointed by the Auckland Education Board—G. J. Garland, Esq., Chairman of the Education Board.

Staff.

Professors.—Classics—H. S. Dettmann, M.A., B.C.L. English—C. W. Egerton, M.A. Modern Languages—M. Walker, M.A., B.Com. Mathematics—H. W. Segar, M.A. Chemistry—F. P. Worley, M.A., M.Sc., D.Sc., F.I.C., F.C.S. Physics—G. Owen, M.A., M.Sc., D.Sc. Botany, General Biology, and Zoology—J. C. Johnson, M.A., M.Sc., B.Ch. Music—W. E. Thomas, Mus. Doc.
Lecturers, nine. Demonstrator, one. Assistants, six.

Registrar.—Rev. Chas. M. Nelson, M.A.

REPORT.

The CHAIRMAN OF THE BOARD OF GOVERNORS to the MINISTER OF EDUCATION.

SIR,—

Auckland University College, 25th May, 1915.

In pursuance of section 25 of the Auckland University College Act, 1882, the Council has the honour to make the following report for the year 1914:—

1. *Number of Students.*—The number of persons who attended lectures in this College in 1914 was 610: Graduates, 25 (males 16, females 9); undergraduates, 400 (males 244, females 156); non-matriculated students, 185 (males 68, females 117). The number of students who were exempted from attendance was 16 (males 15, female 1).

2. *Council.*—The only change in the personnel of the Council was the election by members of the Legislature (Auckland District) of J. F. Hosking, Esq., in the place of Rev. W. Beatty, M.A., the former member. The other retiring members were returned unopposed.

3. *Staff.*—The new professors (three) and lecturer (whose appointment was announced in last year's report) began their work at the commencement of the first term (2nd March, 1914). The staff has remained unaltered during the year, and consisted of eight professors, nine lecturers, two assistant lecturers, one professor's assistant, one demonstrator, and three lecture and laboratory assistants.

4. *Receipts and Expenditure.*—General Account: Receipts, including balance of £4,527 2s. 5d. from 1913, £16,195 6s. 11d.; expenditure, £9,903 5s. 11d.; balance, £6,292 1s. Specialization Account: Receipts, £2,830 10s. 3d.; expenditure, including debit balance of £75 19s. 11d. from

1913, £2,670 17s. 10d.; balance, £159 12s. 5d. Sinclair-Gillies Trust Account: Receipts, including balance of £3,881 5s. 10d. from 1913, £4,059 16s. 10d.; expenditure, £140; balance, £3,919 16s. 10d. Sinclair Bequest: Receipts, including balance of £28 17s. from 1913, £30 1s.; expenditure, nil; balance, £30 1s. Endowments: The income from the endowments was £751 2s. 3d.; there was no expenditure.

5. *Degrees and Honours.*—The degrees and honours gained at last November examinations were as follows: Honours in Arts, 10; Honours in Science, 3; Honours in Law, 1; Master of Arts, 1; Master of Laws, 1; Bachelor of Arts (final section), 18; Bachelor of Arts (first section), 14; Bachelor of Laws (final section), 5; Bachelor of Laws (first section), 22; Bachelor of Science (final section), 1; Bachelor of Science (first section), 4; certificate of proficiency, M.A. standard (equivalent to second class), 1; Senior Scholarships, 5; Exhibition Science Scholarship, 1; the honours list comprised—First class (English and French), 1; first class (botany), 1; first class (mental science), 1; second class, 5; third class, 3.

6. The various Schools of Music, Commerce, and Mining Engineering were attended during the year by the following number of students—viz., School of Music, 183; School of Commerce, 100; School of Mines, 50.

7. The desire for providing better accommodation for University students is almost universal. Nothing has yet been done to remove the difficulty under which the College Council, professors, and students are labouring. The building now used was not built for the purpose of teaching, but was built sixty years ago for the meeting of the General Assembly, which met in it from 1854 to 1864. It was for the ensuing ten years the Provincial Council Chamber. It is to be hoped that the new House of Representatives, which meets this year, will deal promptly with providing a new University-site in the old city for the convenience of the sons and daughters of the citizens of Auckland.

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G. MAURICE O'RORKE, Kt., Chairman.

ACCOUNTS AND BALANCE-SHEETS.

STATEMENT OF THE RECEIPTS AND EXPENDITURE OF THE AUCKLAND UNIVERSITY COLLEGE FOR THE YEAR ENDED 31st DECEMBER, 1914.

I. GENERAL ACCOUNT.

<i>Receipts.</i>		£	s.	d.	<i>Expenditure.</i>		£	s.	d.
Balance, 1st January, 1914	..	4,527	2	5	Salaries	..	7,924	2	4
From Government—					Office expenses	..	25	14	6
Statutory grant	..	4,000	0	0	Stationery	..	38	6	1
Additional grant	..	3,825	0	0	Printing	..	129	10	6
Sir George Grey Scholarship	..	50	0	0	Advertising	..	44	11	9
Research Scholarship	..	10	0	0	Legal expenses	..	30	18	1
Endowments—					Cleaning, lighting, and warming	..	178	14	8
Rents collected by Registrar	..	395	6	10	Power (electric)	..	3	12	4
Taupiri rent	..	110	0	0	Furniture and fittings	..	74	14	4
Education reserves, Auckland	..	245	15	5	Water rates	..	13	4	4
Hall receipts (Choral Hall)	..	114	12	0	Insurance	..	37	12	9
Music examinations	..	166	7	6	Commission	..	8	2	0
Annual examinations	..	30	9	0	Repairs	..	33	12	7
Sale of calendars, &c.	..	3	11	2	Additions	..	113	11	5
Miscellaneous	..	84	14	8	Lecture requisites	..	303	6	6
Interest	..	83	17	11	Library	..	138	9	6
Students' fees	..	2,548	10	0	Premiums	..	46	10	6
					Annual-examination expenses	..	9	17	9
					Music-examination expenses	..	101	10	9
					School of Music	..	7	14	6
					Sir George Grey Scholarship	..	50	0	0
					Audit expenses	..	6	0	0
					Miscellaneous (including £320 2s. 5d. passage-money, &c., of three professors)	..	336	18	9
					Students' fees (paid to two lecturers)	..	233	10	0
					Students' fees (refunds to University bursars)	..	13	0	0
					Balance, 31st December 1914—				
					Debentures	..	£400	0	0
					Mortgage (Grey Street)	..	750	0	0
					Mortgages (2), (Mt. Eden)	..	825	0	0
					P.O. Savings-bank	..	158	0	10
					Bank of New Zealand				
					(current account)	..	4,159	0	2
							6,292	1	0
							16,195	6	11
							16,195	6	11

C. REPORT OF THE VICTORIA COLLEGE, 1914.

(The Victoria College Act, 1897.)

Visitor.—The Hon. the Minister of Education.*Members of Council.*

Appointed by His Excellency the Governor in Council—W. H. Morton, Esq., M.Inst.C.E.; A. R. Atkinson, Esq., B.A.; C. M. Hector, Esq., M.D.

Elected by members of the Legislature—C. P. Knight, Esq., LL.D.; C. Wilson, Esq.; W. Ferguson, Esq., M.Inst.C.E.

Elected by members of Education Boards—Hon. A. T. Maginnity, M.L.C.; R. McCallum, Esq., M.P.; Sir Robert Stout, K.C.M.G., Chief Justice.

Elected by graduates—Hon. J. G. W. Aitken, M.L.C.; C. B. Morison, Esq., K.C.; H. H. Ostler, Esq., LL.B.

Elected by public-school teachers—T. R. Fleming, Esq., M.A., LL.B.; Rev. W. A. Evans; C. Watson, Esq., B.A.

Elected by the Professorial Board—Hon. A. L. Herdman, M.P.

*Staff.**Professors.*—Classics—J. Rankine Brown, M.A. English Language and Literature—H. Mackenzie, M.A. Modern Languages—G. W. von Zedlitz, M.A. Chemistry—T. H. Easterfield, M.A., Ph.D. Mathematics and Mathematical Physics—D. K. Picken, M.A. Biology—H. B. Kirk, M.A. Physics—T. H. Laby, M.A. Law—J. Adamson, M.A., LL.B., Dean of the Faculty; J. M. E. Garrow, B.A., LL.B. (English and New Zealand Law). Mental and Moral Philosophy—T. A. Hunter, M.A., M.Sc.

Lecturers, five. Assistants, nine. Demonstrators, three.

Registrar.—E. T. Norris, M.A.

REPORT.

The VICTORIA COLLEGE COUNCIL to the MINISTER OF EDUCATION.

Victoria College, 21st June, 1915.

IN pursuance of section 44 of the Victoria College Act, 1905, the Council presents the following report for the year 1914 :—

Number of Students.—The number of students attending lectures during the year was 377, made up as follows: Matriculated students—Males, 214; females, 111: total, 384. Non-matriculated students—Males, 29; females, 23: total, 52. In addition to these there were 67 exempted students, making a total of 444 students attached to the College. Of the 376 students attending, 310, or 82.5 per cent., were evening students. Between 150 and 200 past and present men have gone in the Expeditionary Forces, and the numbers attending classes have suffered from this cause.*University Examination Results.*—Fifteen students of the College gained the degree of Master of Arts, 10 with honours, of whom 3 gained first-class; 1 gained the degree of Master of Science, with first-class honours; 4 gained the degree of Master of Laws, 2 with honours; 17 gained the degree of Bachelor of Arts; 17 passed the first section of that degree; 3 gained the degree of Bachelor of Science, 3 passed the first section of that degree; 9 gained the degree of Bachelor of Laws, 18 passed sections of that degree; 3 passed sections of the degree of Bachelor of Commerce; 2 gained Senior Scholarships, one in German and one in physical science (heat). Other scholarships have been awarded as follows: New Zealand Research Scholarship, Elizabeth M. Pigott, M.A.; Sir George Grey Scholarship, George Bruce Dall; Jacob Joseph Scholarships, W. Heine, M.A., Elizabeth M. Shirer, M.A.*Library.*—Accessions to the library during the year amounted to 923 volumes. The total number of volumes in the library at the end of March, 1914, was 10,284. Arrangements have been made with other libraries in the city whereby a system of interchange has been adopted and the reduplication of books and periodicals prevented.*Tutorial Classes.*—The Council received from the Senate of the University a special grant of £300 to be devoted to tutorial classes in connection with the Workers' Educational Association. A class in economics under a well-qualified tutor has been inaugurated, and the Council hopes to have others established immediately.*Buildings and Equipment.*—The Council recognizes that the representations of the Professorial Board as to the inadequacy of the building is justified, and that these ought in the immediate future to be enlarged considerably. The greatest number of classes is held between the hours of 5 p.m. and 8 p.m., during which period the pressure is extreme.

In view of the large number of our students who enlisted on the outbreak of the war and of the consequent reduction of the Council's revenue from fees, the Council deemed it prudent to curtail its expenditure on material and equipment, with the result that expenditure in these directions may have to be increased in the future.

The establishment of the School of Economics is still unrealized; but if the Council receives the gift which it expects for this purpose it will be able at once to establish this school, which it has for long felt to be a very much needed addition to the College.

CLEMENT WATSON, Chairman.

ACCOUNTS AND BALANCE-SHEETS.

STATEMENT OF RECEIPTS AND EXPENDITURE FOR THE YEAR ENDED 31ST MARCH, 1915.

Receipts.		£	s.	d.	Expenditure.		£	s.	d.
Balance brought forward	.. ..	1,642	0	9	Salaries (teaching staff)	.. ..	9,674	8	4
Government grant	.. ..	9,000	0	0	Office salaries and expenses	.. ..	1,000	15	11
Donations and grants	.. ..	290	0	0	Caretaker and assistants	.. ..	288	0	0
Government subsidy	.. ..	150	0	0	Printing and stationery	.. ..	141	3	0
Capitation	.. ..	25	8	9	Advertising	.. ..	37	16	9
Fees	.. ..	2,442	18	3	Research Scholarship	.. ..	37	10	0
University grant (Court of Convocation)	.. ..	15	15	0	Travelling-expenses	.. ..	36	1	0
Rent of reserves	.. ..	59	6	3	Legal expenses	.. ..	1	11	6
Examination fees	.. ..	201	1	0	Examination expenses	.. ..	102	4	3
Sale of calendars	.. ..	8	13	4	Insurances	.. ..	57	4	4
Interest	.. ..	29	7	6	Maintenance	.. ..	92	10	1
Sir George Grey Scholarship	.. ..	50	0	0	Water	.. ..	6	3	0
New Zealand Pharmacy Board	.. ..	8	5	6	Heating	.. ..	76	3	9
					Lighting	.. ..	155	16	1
					Grounds	.. ..	15	5	0
					Chemicals and apparatus	.. ..	475	14	6
					Alterations and fittings	.. ..	35	15	10
					Library	.. ..	167	0	7
					Court of Convocation	.. ..	15	15	0
					Fees refunded	.. ..	13	2	6
					Sir George Grey Scholarship	.. ..	50	0	0
					Balance	.. ..	1,442	9	11
		<u>£18,922</u>	<u>11</u>	<u>4</u>			<u>£18,922</u>	<u>11</u>	<u>4</u>

DEPOSIT ACCOUNT.

<i>Receipts.</i>				£	s.	d.	<i>Expenditure.</i>				£	s.	d.
Balance brought forward	..	..	..	29	8	0	Library deposits refunded	..	..	..	10	10	0
Library deposits	..	..	..	9	9	0	Balance, 31st March, 1915	..	..	..	28	7	0
				<hr/>							<hr/>		
				£38 17 0							£38 17 0		
				<hr/>							<hr/>		
Balance down	..	..	..	£28	7	0							

UNION PRIZE FUND.

<i>Receipts.</i>			£	s.	d.	<i>Expenditure.</i>			£	s.	d.
Balance brought forward	..	..	106	15	4	Union prize, 1914	..	..	8	15	0
Interest	..	..	4	10	0	Bank commission	..	..	0	5	0
						Balance, 31st March, 1915	..	..	102	5	4
			£111	5	4				£111	5	4

JACOB JOSEPH SCHOLARSHIP FUND.

Receipts.		£	s.	d.	Expenditure.		£	s.	d.
Balance brought forward	..	3,372	0	0	Scholarships ..	..	60	0	0
Interest ..	..	135	0	0	Bank commission ..	..	0	19	0
					Balance, 31st March, 1915 ..	..	3,446	1	0
		<u>£3,507</u>	<u>0</u>	<u>0</u>			<u>£3,507</u>	<u>0</u>	<u>0</u>

Audited and found correct.—ROBERT J. COLLINS, Controller and Auditor-General.

STATEMENT OF ASSETS AND LIABILITIES AT 31ST MARCH, 1915.

GENERAL ACCOUNT.

<i>Assets.</i>				<i>£</i>	<i>s.</i>	<i>d.</i>	<i>Liabilities.</i>				<i>£</i>	<i>s.</i>	<i>d.</i>
Balance at bank	..	..	..	482	17	10	Sundry accounts	..	..	..	77	9	9
Cash in hand	..	..	..	81	11	4	Unpresented cheques	..	..	..	132	10	3
In Post Office Savings-bank	..	..	..	1,029	7	6	Library deposits	..	..	..	28	7	0
In Savings-bank for biological observing-station	..	..	..	9	10	6	Fees received for 1915	..	..	..	222	15	9
				<u>£1,603</u>	<u>7</u>	<u>2</u>					<u>£461</u>	<u>2</u>	<u>9</u>

JACOB JOSEPH SCHOLARSHIP FUND.

<i>Assets.</i>				<i>Liabilities.</i>			
		£	s. d.			£	s. d.
Balance in bank	..	..	446 1 0	Scholarships	..	..	180 0 0
Invested in debentures	..	..	3,000 0 0				
			£3,446 1 0				£180 0 0

UNION PRIZE FUND.

ASSETS.				£	s.	d.	LIABILITIES.
Balance in bank	..	..	..	2	5	4	
Invested in debentures	..	..	..	100	0	0	
				£102	5	4	Nil.

E. T. NORRIS, Registrar.

D. REPORT OF THE CANTERBURY COLLEGE, 1914.

(The Canterbury College and Canterbury Agricultural College Act, 1896.)

Visitor.—The Minister of Education.*Board of Governors* (J. C. Adams, Esq., B.A., Chairman).

Appointed by His Excellency the Governor—The Right Rev. John Joseph Grimes, D.D.; the Right Rev. Churchill Julius, D.D.; and Thomas William Adams, Esq.

Elected by members of the Legislature—George Rennie, Esq.; Thomas Henry Davey, Esq., M.P.; and Hon. George John Smith, M.L.C.

Elected by graduates—Very Rev. Dean Harper, M.A.; William Brook, Esq., M.A.; William Hugh Montgomery, Esq., B.A.; S. Hurst-Seager, Esq., F.R.I.B.A.; Dr. George Mackenzie Lester, M.R.C.S., M.R.C.T., M.A.; and George Thorngate Weston, Esq., B.A., LL.B.

Elected by public-school teachers—Thomas Hughes, Esq., B.A.; Jonathan Charles Adams, Esq., B.A.; and Lawrence Berry Wood, Esq., M.A.

Elected by School Committees—Charles Henry Adolphus Truscott Opie, Esq.; Henry Dyke Acland, Esq.; and Hugh Boyd, Esq.

Elected by Professorial Board—William Izard, Esq., M.A., LL.M.

Registrar—George H. Mason.*Staff.**Professors*.—Classics—H. Stewart, M.A. Mathematics and Natural Philosophy—J. P. Gabbatt, M.A., M.Sc. English Language and Literature—Arnold Wall, M.A. French and German—T. G. R. Blunt, M.A. Chemistry—W. P. Evans, M.A., Ph.D., M.S.C.I. Engineering—Robert J. Scott, M.I.C.E., M.I.M.E., M.A.I.E.E. Biology—Charles Chilton, M.A., D.Sc., M.B., C.M., F.L.S. History and Economics, and Director of Studies in Commerce—James Hight, M.A., Litt.D., F.R.E.S. Physics—C. C. Farr, D.Sc., A.M.I.C.E. Mental Science—C. F. Salmond, M.A., N.Z.

Lecturers, four. Assistants, six. Demonstrators, two.

ANNUAL STATEMENT OF THE CHAIRMAN OF THE BOARD OF GOVERNORS.

At the meeting of the Board of Governors of Canterbury College held on Monday, the 28th June, 1915, the Chairman (Mr. J. C. Adams, B.A.) laid on the table the accounts of the Board for the year 1914, and in doing so delivered an address, of which the following is an extract:—

FINANCE.

The total receipts from current revenue on account of the various departments controlled by the Board for the financial year ended on the 31st December, 1914, amounted to £41,298, as compared with £40,694 for the year 1913, showing an increase of £604. The total expenditure for the year amounted to £38,703. Of the surplus income, which amounted to £2,595, the sum of £2,047 was utilized in reducing overdrafts. Grants and subsidies from the Government amounted to £8,551; of this sum £150 was contributed towards the cost of erection of new buildings. The total amount expended during the year on salaries was £24,243, exceeding the amount expended in the previous year by £1,046.

The Maintenance Account of the College shows a surplus for the year of £1,928. Of this amount £1,000 was utilized for the reduction of the debt on the College buildings, the balance of £928 reducing the bank overdraft, which at the end of the financial year amounted to £1,579. The rents from endowments totalled £10,789, an increase of £186 on the amount received during 1913, while the fees paid by students amounted to £2,657, as compared with £2,624 in the previous year. The contribution and subsidy, amounting to £200, towards the cost of instruction in accountancy, which was first received in 1912, was continued last year. The overdraft on the College Buildings Loan Account at the beginning of the current year stood at £2,105.

COLLEGE.

In my report of last year I referred to the fact that the Governors of Holloway College had agreed to grant a scholarship to a female student of Canterbury College, and that such arrangement would last as a tentative measure for three years. One student was nominated for the scholarship, and was ready to start for England when war was declared. In consequence of this she decided that she was unable to avail herself of the opportunity. As matters are at present no candidate has been put forward this year, and it will be necessary for the Board to communicate with the Holloway College governing body and ask that the privilege granted may be favourably considered when the present crisis has passed.

As nearly £2,000 was raised by private donations for the erection of the College Library, the Government granted a subsidy of £1 for £1 on the amount subscribed, and tenders were called for,

with the result that, after some modification of the original plans, the tender of P. Graham and Son was accepted. The building is now nearing completion, and the appearance of the quadrangles will be greatly improved, as the building, though not ornate, is well in keeping with the style of architecture of the original block of the College.

This addition necessitates the removal of the old Chemical Laboratory, which, unsightly though it is, has been of great use in providing lecture-room accommodation and a temporary home for the Physics Laboratory. This change naturally has brought to the front the necessity of providing new lecture-rooms and a new Physics Laboratory. A long time would have to elapse before, in the ordinary way, sufficient funds would be available for this purpose, so the Registrar carefully thought out and prepared a scheme by which the difficulty would be overcome. Thus he proposed that we should borrow sufficient money to erect the whole of the buildings necessary to complete the two quadrangles, giving as security for the necessary loan a portion of the College endowment. The Registrar's scheme has been adopted by the Board, and it has been decided to borrow £18,000, which sum it is estimated will be sufficient to complete the College block. It would have been exceedingly difficult, if not impossible, to have entertained such a costly scheme had not the University Amendment Act that was passed during the year placed a certain portion of the National Endowment Fund at the disposal of the four University colleges. The share that is allotted to Canterbury College will enable provision to be made for the payment of the interest on the loan and for a small amount to be put aside for a sinking fund. Careful administration of the finances will be necessary, however, for several years to come, so as to enable the Board to liquidate its indebtedness in a reasonable time.

Though the present may not seem a very appropriate time to appeal to the people of the province, I should like to remind them of the liberal help that the neighbouring Province of Otago has given to the University College in Dunedin. In Canterbury the people have given somewhere about £2,000 towards University buildings, while over £60,000 has been spent of late years in Otago in providing splendid University buildings, and the majority of this amount has been subscribed by the people of the province. While I feel that I cannot at present make a direct appeal to those immediately interested in higher education, I would like them to bear in mind the needs of our University College, so that when an appeal is made for help they may prove not less open-handed and liberal than the sister province.

In the preceding remarks I have referred to the University Amendment Act, and the allocation of funds from the national endowments to the various University colleges. There is also another very important clause in that Act—viz., the one referring to the establishment of a Board of Studies composed of members elected from the respective Professorial Boards. This will undoubtedly prove of great assistance in enabling the work of the several colleges to be more closely correlated, and will also give more weight to the proposals the Board may from time to time submit to the Senate, coming as they will from a Board of the whole, instead of from the separate bodies as heretofore.

Two changes in the staff have been made during the year: one was the appointment of Mr. R. Speight, M.A., M.Sc., F.G.S., to the curatorship of the Museum—he, however, still retains his position as lecturer in geology and palæontology; the other was the establishment of a Chair of Mental Science. For some time the Board had recognized that sufficient importance had not been attached to the teaching of mental science, and had determined that, when the opportunity offered, a Chair would be established. This was done in the early part of the year, and Mr. C. F. Salmond, M.A., who had previously occupied the position of lecturer in the subject, was appointed Professor of Mental Science and Philosophy.

It is pleasing to record that, after many disappointments in the past, the Rhodes Scholarship was at last given to a candidate from Canterbury College. The choice of the selectors fell on Mr. H. S. Richards, who has not only been successful in his college career, but also had by his activities in the social and athletic side of his University life proved himself the class of man that was evidently in Cecil Rhodes's mind when he founded the scholarship. I hope that in his career at Oxford and afterwards Mr. Richards may do honour to himself and Canterbury College.

At the outbreak of the war in August, and from time to time since then, many of those engaged either in teaching, office-work, or study as undergraduates have offered themselves for enlistment among the Expeditionary Forces for the front, so that we are able to count up over a hundred undergraduates who have been accepted for service, and five of one or other of the staffs. While there are still some of the undergraduates who are still eligible for enlistment, and who undoubtedly will go when opportunity offers, the age-limit prevents others who would offer their services from so doing. Many of those who have gone have made a great sacrifice by giving up the certainty of high honours, but at such a time when the Empire calls every one is bound by the ties of blood and the dictates of duty to make a sacrifice, whether it be by active service or, in the case of those compelled to remain behind, by working in the interests and for the welfare of the Mother-country.

The vacancy to the Chair of Classics, consequent on Professor Stewart being accepted for service with the Expeditionary Forces, was filled by the appointment of Mr. H. D. Broadhead, one of our own former students, M.A. of Trinity College, Cambridge, and erstwhile scholar of the same College. Mr. Broadhead was appointed to hold office until the return of Professor Stewart.

The results of the University examinations are this year exceedingly gratifying to both the professors and the students, for there are among the candidates for M.A. degree no less than seven first-class honours, one of these being a double first, while six students are credited with second-class honours. In addition to the above, four Senior Scholarships have been won by those who were sitting for the B.A. degree. Twelve students obtained the M.A. degree, twenty the degree of B.A., two B.E. (Civil), one B.E. (Mech.), and one M.Sc.

NUMBER OF STUDENTS.

The following table shows the number of matriculated and non-matriculated students who attended lectures in 1905 and each year since 1912:—

	Males.		Females.		Total.
	Matric.	Non-matric.	Matric.	Non-matric.	
1905	135	26	65	51	277
1912	171	37	125	29	362
1913	183	47	132	59	421
1914	207	40	123	36	406

NOTE.—In 1914 there were seven exempted students (six males and one female) who were examined but did not attend lectures.

The accompanying table shows the fees received during the past three years:—

	£
1912	2,523
1913	2,624
1914	2,657

SUCCESSFUL STUDENTS.

The following students were recorded by the University as having passed their respective examinations: Diploma of Honours and also degree of Master of Arts—First class in natural science (botany), 1; first class in economics, 1; first class in mathematics, 1; first class in chemistry, 1; first class in mental science, 1; first class in languages and literature (Latin and Greek), also first class in history, 1; second class in mental science, 1; second class in economics, 5. Degree of Bachelor of Arts, 20; Degree of Bachelor of Arts (first section), 10; degree of Master of Science, 1; degree of Bachelor of Science (first section), 3; degree of Bachelor of Laws, 1; sections of the examination for the degree of Bachelor of Laws, 8; degree of Bachelor of Commerce (section of examination), 3; degree of Bachelor of Engineering, 3; examination for degree of Bachelor of Engineering in certain subjects, having passed the first examination for the degree of Bachelor of Engineering (Civil), 5; having passed the First Professional Examination for the degree of Bachelor of Engineering (Mechanical and Civil), 1; having completed the First Professional Examination (under old regulations) for the degree of Bachelor of Engineering (Electrical), 1; having passed the Second Professional Examination for the degree of Bachelor of Engineering (Civil), 3; having passed the Second Professional Examination for the degree of Bachelor of Engineering (Electrical), 1; having passed the first portion of the Second Professional Examination for the degree of Bachelor of Engineering (Civil), (old course), 1; degree of Bachelor of Music (first examination), 1; Engineering Entrance Examination, 8; Senior University Scholarships, 4. The Engineering Travelling Scholarship was awarded to Thomas Dalrymple Smith, B.E.

The number of students of this College who have succeeded in passing the various examinations for degrees given by the University of New Zealand are as follows: Litt.D., 2; M.A., 239; B.A., 472; D.Sc., 2; M.Sc., 19; B.Sc., 53; LL.D., 4; LL.M., 1; LL.B., 71; B.Com., 3; Mus. Bac., 4; B. Engineering, 46; B. Agriculture, 2.

Since the foundation of the University of New Zealand the following awards in honours and in scholarships, &c., have been gained by students from this College: Honours in Arts—Double first-class honours, 11; first-class honours (exclusive of above), 71. Honours in Science—Double first-class honours, 2; first-class honours (exclusive of above), 4. Scholarships and prizes—Third-year scholarships (only awarded in 1878), 2; Senior University Scholarships, 114; John Tinline Scholarships, 9; 1851 Exhibition Science Scholarships, 4; Bowen Prizes, 21; Bowen Prizes (*proxime accesserunt*), 3; Macmillan-Brown Memorial Prize, 2; Haydon Prize (first awarded in 1910), 3; von Haast Prize, 1.

Canterbury College awards: Exhibitions—Latin, Jessie H. A. Watters; Greek, Richards, Reginald J.; English, Goy, Margaret M.; French, Hardeastle, Dorothy C., Wagstaff, Nancy N. H. (equal); History, Goodsir, Raymond K., Hickey, Mary M. (equal); Economics, Bell, Harold G., Copland, Douglas B. (equal); Mental Science, Moore, Frederic W.; Chemistry, Ponder, Arthur Osborne; Geology, Young, Charles L.; Haydon Prize (Chemistry), Ponder, Arthur Osborne; Engineering Second Year Exhibition, Payne, Francis Gordon; Engineering Third Year Exhibition (Special), Gough, Edgar Charles; Engineering Entrance Exhibition, Hardy, John Lawrence.

SCHOOL OF ENGINEERING.

It is pleasing to be able to note that there is a decided increase in the number of students who are studying for the degree course in engineering, due probably to the fact that it has been possible to shorten the course without impairing the efficiency of the instruction. The regulations made by the Public Works Department to enable their junior officers to avail themselves of the advantages and training at the School of Engineering have been such that five entered upon their associate course. These regulations allow those attending to receive half-pay during the session, but compel them to take up their ordinary work for the Department during the vacation. Four of these sat for and were successful in their associate course. Of other students in the school, two sat for their associateship, and one, J. G. Goodfellow, obtained the highest marks in the Empire, and was therefore awarded the Bayliss Prize. It is a matter of congratulation that there is this fresh evidence of the soundness and thoroughness of the instruction given at the School of Engineering, especially at a time when attempts have been made somewhat to underestimate the value of the education that is given here.

For the degree examinations two were successful in the final examination for the Bachelor of Engineering (Civil), and one in that of Bachelor of Engineering (Mechanical); while of the others who sat, four and seven respectively passed the earlier stages of their professional examination in their first and second years respectively.

At the last January meeting of the Senate the question of shortening the period of residence for engineering students at Canterbury College, so far as affecting students from Auckland, was discussed, and it was decided that no alteration was possible or needed. The principle is thus affirmed that for such an important professional education it is necessary that students should spend the whole of the time at the recognized school. In order to avoid any of the disabilities that were brought forward in support of a change, it would be a wise thing if more scholarships in engineering were offered, so that the cost of the education of the best students offering might be reduced.

It is pleasing to note that many of the old students have been successful during the year in obtaining important positions in New Zealand and Australia.

During the second term and during the vacation twenty-three of the students enlisted in the Expeditionary Forces, so that the year opens with a smaller number of students than usual.

SCHOOL OF ART.

Last year the Director reported a higher attendance than in previous years, and again this year he states that it is the highest in the history of the school. It is a pleasing feature that the school is thus growing and its educational value is so fully recognized, and that students are anxious to avail themselves of the instruction given. This points to the fact that the building itself must be enlarged. The Board of Governors have recognized this, and have had plans prepared for a considerable addition to the building. Though by careful management a certain amount has been able to be set aside for this purpose, there are not enough funds in hand to carry out the necessary work, and up to the present the Education Department has not been able to make a grant-in-aid. As soon as such help is forthcoming, however, the necessary additions will be put in hand.

The work of the school has been very successful this year, for again in competition with the students of the schools of art in Great Britain one student was successful in obtaining a National Bronze Medal, another obtained a National Book Prize, while there were also several special mentions. In the local exhibition held by the Art Society the majority of the diplomas were gained by students of the school.

During the year a special course in architecture was introduced, with a definite syllabus laid down, the aim being that those who successfully completed the requisite course should obtain an associate-ship of the New Zealand Institute of Architects. Of course, a large number were not expected to undertake the course, but satisfactory work was done by those who were enrolled. In connection with this course a series of lectures on the history of architecture was delivered by Mr. Hurst Seager, which was attended not only by those who were actually taking the definite course, but by others who were specially interested in this portion of the work. The Council of the New Zealand Institute of Architects, who were in session in Christchurch, visited the school and expressed the opinion that it was *facile princeps*.

The Director gave during the year a special series of lectures to the teachers in the city and suburban schools, and these were largely attended by head teachers and also by assistants, who much appreciated them. Other special lectures on art were given to large audiences; such lectures arouse and keep up interest in art and in the school.

REPORT OF THE CHAIRMAN OF THE PROFESSORIAL BOARD.

The War.—A large proportion of the students have enlisted and are either at the front, in the Dardanelles, or in training at Trentham. The Professor of Classics, Lieutenant Hugh Stewart, is reported wounded on the 10th June; the Assistant Professor of Mathematics is shortly to leave on active service. Very great credit is due to students who enlisted within a very few months of their final Honours examination. A number of students who have offered their services have been rejected for one reason or another; altogether it is felt that the College as a whole has done and is doing its duty in our great time of strain and trouble.

The Library.—Very nearly the whole amount promised by the public for the library building has now been collected. Valuable gifts of books have also been made to the library by Messrs. R. Inwood and J. R. Orford. The progress made with the building itself is very satisfactory.

Heating and Lighting.—For many years the arrangements for heating and lighting the College have given cause for complaint, and it is hoped that the Committee who now have the matter in hand will succeed in putting these very important matters upon a sound footing. The feeling among the teachers and students of the College is that a great expense would be amply justified if the present bad atmosphere and poor light could be improved.

Supervision of Students' Courses.—The tutorial system which was initiated last year has proved very successful. A further step has now been made, and in future a Director of Studies in Arts and a Director of Studies in Science will be appointed. This reform was much needed, and is proving of great benefit both to students and to teachers.

Board of Studies.—The new constitution of the University comes into force this year. The Board of Studies, which consists entirely of professors and lecturers of the colleges, and has sole control of the syllabus and other important matters, has now been elected, and the first meeting will be held next November. The representatives of Canterbury College are Professors Blunt, Gabbatt, Hight, Scott, and Wall. It is hoped that the regrettable friction which has taken place in the past between the Senate and some of the teaching staffs will now be a thing of the past, and that some reforms, not of the extreme kind, which have long been urgently needed, will now be achieved.

ACCOUNTS AND BALANCE-SHEETS.

STATEMENT OF BALANCES AT 31ST DECEMBER, 1914.

Accounts.

<i>Cr.</i>	£	s.	d.
Girls' High School Capital Cash Account	1,578	18	5
Medical School Reserves Capital Cash Account	4,562	15	2
Museum, Library, and School of Technical Science Capital Cash Account	19,631	2	1
School of Engineering and Technical Science Maintenance Account	307	5	9
School of Art Buildings Loan Account	1,322	5	10
Museum Maintenance Account	249	11	7
Museum Guide-book Sinking Fund	80	0	0
Public Library Postle Bequest (Capital) Account	1,666	8	6
Emily S. Foster Memorial Fund	66	19	2
Helen Macmillan-Brown Memorial Fund	101	4	10
Thomas Miller Prize Fund	100	1	5
Joseph Haydon Prize Fund	247	7	7
	<u>£29,914</u>	<u>0</u>	<u>4</u>
<i>Dr.</i>			
College Maintenance Account	1,579	6	5
College Buildings Loan Account	2,105	2	0
Boys' High School Buildings Loan Account	7,351	15	7
School of Engineering and Technical Science Buildings Loan Account	2,679	0	8
Public Library Maintenance Account	1,129	2	5
Mortgages and Debentures—General	14,000	0	0
Debentures—			
Foster and Brown Memorial Funds	150	0	0
Miller Prize Fund	100	0	0
Haydon Prize Fund	200	0	0
Bank of New South Wales—			
Balance	£851	2	0
Less outstanding cheques	231	8	9
	<u>619</u>	<u>13</u>	<u>3</u>
	<u>£29,914</u>	<u>0</u>	<u>4</u>

GEORGE H. MASON, Registrar.

EDWARD EVANS, Accountant.

Examined and found correct—ROBERT J. COLLINS, Controller and Auditor-General.

SUMMARY OF RECEIPTS AND EXPENDITURE ON MAINTENANCE ACCOUNTS, 1914.

Account.	Balance at 31st December, 1913.	Receipts to 31st December, 1914.	Payments to 31st December, 1914.
	£ s. d.	£ s. d.	£ s. d.
College	<i>Dr.</i> 2,507 10 8	15,509 7 4	13,581 3 1
Boys' High School	<i>Dr.</i> 2 6 8	6,375 14 2	6,254 1 7
Girls' High School .. .. .	.. .. .	4,372 16 1	3,971 18 3
Medical School .. .. .	.. .. .	682 4 0	599 17 4
Museum, Library, and School of Technical Science Endowment .. .. .	.. .. .	3,347 11 8	3,297 12 11
School of Engineering	<i>Cr.</i> 838 12 11	4,039 4 8	4,570 11 10
School of Art	<i>Cr.</i> 1,008 11 6	2,965 19 1	2,652 4 9
Museum	<i>Cr.</i> 11 7 2	1,847 8 1	1,609 3 8
Public Library	<i>Dr.</i> 1,120 17 8	2,157 19 2	2,166 3 11

Account.	Deficiency of Income.	Surplus of Income.	How disposed of.	Balance carried forward.
	£ s. d.	£ s. d.		£ s. d.
College .. .. .	.. .. .	1,928 4 3	£1,000 paid off debt on buildings ; £928 4s. 3d. paid off overdraft	<i>Dr.</i> 1,579 6 5
Boys' High School .. .. .	.. .. .	121 12 7	£2 6s. 8d. paid off overdraft ; £119 5s. 11d. transferred to Buildings Loan Account	.. .. .
Girls' High School .. .. .	.. .. .	400 17 10	Transferred to Capital Cash Account	.. .. .
Medical School .. .. .	.. .. .	82 6 8	Transferred to Capital Cash Account	.. .. .
Museum, Library, and School of Technical Science Endowment .. .. .	.. .. .	49 18 9	Transferred to Capital Cash Account	.. .. .
School of Engineering	531 7 2*	<i>Cr.</i> 307 5 9
School of Art .. .. .	.. .. .	313 14 4	£1,322 5s. 10d. transferred to Build- ings Loan Account	.. .. .
Museum .. .. .	.. .. .	238 4 5	Carried forward	<i>Cr.</i> 249 11 7
Public Library	8 4 9	.. .. .	Carried forward	<i>Dr.</i> 1,129 2 5

* £400 paid off Buildings Loan Account.

SCHOOL OF ENGINEERING AND TECHNICAL SCIENCE MAINTENANCE ACCOUNT.
(Published in E.-5.)

SCHOOL OF ENGINEERING AND TECHNICAL SCIENCE BUILDINGS LOAN ACCOUNT.

<i>Dr.</i>	£	s.	d.	<i>Cr.</i>	£	s.	d.
Government grant towards additions (balance)	150	0	0	Balance, 1st January, 1914	943	18	6
School of Engineering Maintenance Account—Transfer of interest	143	13	9	Payments on account of additions (Hydraulic Laboratory extension)—			
Contribution from School of Engineering Maintenance Account	400	0	0	Contractor — Balance of £ s. d. contract	888	10	0
Balance, 31st December	2,679	0	8	Contractor—Extras	232	18	2
				Electrical-supply wires	40	0	0
				Gas service	14	0	0
				Salary of clerk of works	30	14	6
				Architect's commission	93	17	9
				Strengthening building	31	9	0
					1,331	9	5
				Installation of electric lighting and heating	207	11	6
				Installing electric bell and telephone service	14	11	6
				Heating (radiators)	49	18	2
				Furniture and fittings.. .. .	281	7	4
				Apparatus	400	4	3
				Interest	143	13	9
					£3,372	14	5
£3,372 14 5				Balance, 1st January, 1915	£2,679	0	8

SCHOOL OF ART MAINTENANCE ACCOUNT.
(Published in E.-5.)

BOYS' AND GIRLS' HIGH SCHOOLS MAINTENANCE ACCOUNTS.
(Published in E.-6.)

PRIZE FUND ACCOUNTS.

Trust.	Receipts.			Expenditure.		
	Balance, 1st January, 1914.	Interest.	Total.	Prizes.	Balance, 31st December, 1914.	Total.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Emily S. Foster	66 7 6	2 15 0	69 2 6	2 3 4	66 19 2	69 2 6
Helen M. Brown	100 4 10	4 0 0	104 4 10	3 0 0	101 4 10	104 4 10
Thomas Miller	103 18 3	4 0 0	107 18 3	7 16 10	100 1 5	107 18 3
Joseph Haydon	242 17 7	8 10 0	251 7 7	4 0 0	247 7 7	251 7 7
Totals	513 8 2	19 5 0	532 13 2	17 0 2	515 18 0	532 13 2

GENERAL BALANCE-SHEET AT 31ST DECEMBER, 1914.

<i>Liabilities.</i>		<i>Assets.</i>	
Capital Accounts—	£ s. d.	Endowments—	£ s. d.
College	168,916 11 7	College—	
Boys' High School	73,161 4 5	Classical School reserves	134,108 0 0
Girls' High School	10,223 18 5	Chemistry and physics	5,050 0 0
Medical School	16,573 15 2	Superior education	33,443 0 0
Museum, Library, and School of Technical Science	72,376 2 1	Boys' High School	80,513 0 0
General—		Girls' High School	8,645 0 0
School of Engineering and Technical Science—Maintenance Account	307 5 9	Medical School	12,011 0 0
School of Art Buildings Loan Account	1,322 5 10	Museum, Library, and School of Technical Science	52,745 0 0
Museum Maintenance Account	249 11 7	General—	
Museum Guide-book Sinking Fund Account	80 0 0	School of Engineering and Technical Science—Buildings Loan Account	2,679 0 8
Public Library—Postle Bequest (Capital) Account	1,666 8 6	Public Library Maintenance Account	1,129 2 5
Emily S. Foster Memorial Fund	66 19 2	Investments on mortgages and debentures (general)	14,000 0 0
Helen Macmillan - Brown Memorial Fund	101 4 10	Investments on debentures (memorial prizes)	450 0 0
Thomas Miller Prize Fund	100 1 5	Bank of New South Wales—	
Joseph Haydon Prize Fund	247 7 7	Balance	£851 2 0
		Less outstanding cheques 231 8 9	
			619 13 3
	£345,392 16 4		£345,392 16 4

F. REPORT OF THE UNIVERSITY OF OTAGO.

(The University of Otago Ordinance 1869.)

Visitor.—His Excellency the Governor.*Council.*

Appointed by His Excellency the Governor in Council—Hon. J. Allen, M.A., M.P.; J. Roberts, Esq., C.M.G. (Vice-Chancellor); J. Ross, Esq.

Elected by graduates—Rev. A. Cameron, B.A. (Chancellor); T. K. Sidey, Esq., B.A., LL.B., M.P.; Rev. Professor W. Hewitson, B.A.; Robert Church, Esq., M.D., Ch.B.

Elected by the professors—W. B. Benham, Esq., D.Sc., M.A., F.R.S.; John Malcolm, Esq., M.D., Ch.B.

Elected to represent Otago Hospital Board, J. H. Walker, Esq.; elected by teachers in primary schools, W. Eudey, Esq.; elected by the Otago Education Board, J. Mitchell, Esq.; elected by High School Boards, G. C. Israel, Esq.; elected by the Southland Education Board, T. MacGibbon, Esq.; elected by School Committees, P. McKinlay, Esq., M.A.; elected by teachers of secondary schools, W. J. Morrell, Esq., M.A., Oxon; elected by Dunedin City Council, W. D. Stewart, Esq., LL.B.

Staff.

Professors.—Natural Philosophy—Robert Jack, M.A., D.Sc., Ph.D., Göttingen; Anatomy—William Percy Gowland, M.D., B.S., F.R.G.S.; Mental and Moral Philosophy—Francis Wallace Dunlop, M.A. (N.Z.), Ph.D., Jena; English Language and Literature—Thomas Gilray, M.A., Hon. LL.D., F.R.S.E.; Biology—William Blaxland Benham, D.Sc., M.A., F.R.S.; Mining—James Park, M.Am.Inst., M.E., M.Inst.M.M., F.G.S.; Physiology—John Malcolm, M.D., Ch.B.; Mathematics, Pure and Applied—David James Richards, M.A.; Dentistry—Henry Percy Pickerill, M.D., Ch.B., M.D.S., L.D.S., R.C.S.; Geology and Mineralogy—Patrick Marshall, M.A., D.Sc., F.G.S., F.R.G.S.; Medicine—Daniel Colquhoun, M.D., F.R.C.P., M.R.C.S.; Pathology—William Stewart Roberts, M.R.C.S.; Ophthalmology—Henry Lindo Ferguson, M.A., M.D., F.R.C.S.I., L.K.Q.C.P.I.; Medical Jurisprudence—Frank Ogston, M.D., C.M.; Surgery—Louis Edward Barnett, M.B., C.M., F.R.C.S.; Metallurgy and Assaying—Daniel Black Waters, A.O.S.M.; Home Science and Domestic Arts—Winifred L. Boys-Smith; Chemistry—John Kenneth Harold Inglis, M.A., D.Sc., F.I.C.; Bacteriology and Public Health—Sydney Taylor Champaloup, M.B., Ch.B., B.Sc., P.H.

Lecturers, Tutors, and Demonstrators, twenty-seven.

Registrar.—H. Chapman, B.A.

REPORT.

The CHANCELLOR OF THE UNIVERSITY OF OTAGO to His Excellency the GOVERNOR.

YOUR EXCELLENCY,—

In compliance with the provisions of the University of Otago Ordinance, 1869, I have the honour to submit herewith a report on the proceedings of the University of Otago for the year ending 31st March, 1915.

The Council and Teaching Staff.

For some years back it has been the Chancellor's sad duty to record the loss by death of some member of the Council or teaching staff, and this year is no exception, for in September last there passed away a much respected member of the Council, the Hon. Thomas Fergus. By Mr. Fergus's death the Council lost the services of a gentleman who had for many years been a strenuous supporter of the claims of secondary and higher education; his mature judgment had been of great benefit to the University, and his loss is much to be deplored. In place of Mr. Fergus the Otago Education Board has appointed Mr. James Mitchell, who has already had much experience in the control of primary and secondary education, and his knowledge of these matters will undoubtedly be of much benefit to the Council.

In my last report I was called upon to record the resignation from the staff and the Council of Professor John Shand, who had been a professor in the University for forty-three years. When he retired he carried with him the heartfelt wishes of his colleagues that he might enjoy many years of quiet retirement. These wishes, however, were not to be realized, for scarcely a year had elapsed after he laid down his work when he passed away. It will be a lasting joy to the Council to recollect that His Majesty the King was graciously pleased to recognize Dr. Shand's work by conferring upon him the Most Distinguished Order of Companion of St. Michael and St. George. Whilst Dr. Shand held the Chair of Physics for forty-three years, the Chair of Chemistry was occupied for almost the same period by Professor James Gow Black. Dr. Black retired from active service some three years ago, apparently in the enjoyment of perfect health; but he was not to outlive his colleague by many days—he died on Christmas Day, 1914.

The Medical School.

The past year has been one of the utmost importance to the Medical School. The Government grant of £10,100 has been employed in making extensions to the existing building—extensions for which there was urgent need. The additional buildings provide a new dissecting-room, a new chemistry laboratory, and further space for the teaching of physiology. With the increasing number of medical students the facilities formerly provided were totally inadequate, but the Council feels that the provision now made for the teaching of the subjects mentioned above will meet our necessities for some years to come. Besides providing extensions to the building, it has of course been necessary to equip these extensions with the appropriate fittings, and the Council will be obliged to apply to the Government for a grant to meet the cost of this additional work.

Whilst paying attention to the efficiency of the teaching of the fundamental subjects in medicine, the Council has not lost sight of the fact that a modern medical school must make proper provision for the teaching of bacteriology and pathology. In order that a suitable building might be erected

to carry on this work, the public of Otago and other parts of New Zealand was asked for subscriptions, and it is with some pride that I am able to record that the sum of £8,000 was raised within two months. This amount, together with the Government subsidy, should be sufficient to provide for the erection and equipment of suitable buildings. The Council is somewhat embarrassed, however, with reference to the site of these buildings. The site which has already been provided is not adequate, and it will be necessary to acquire an adjoining quarter of an acre, at present the property of the Hospital Board. The Council feels that by erecting these buildings it will be lightening the duties of the Hospital, and it trusts, therefore, that the Hospital Department may be able to render some assistance towards the acquisition of the additional area required. To provide for tuition in clinical pathology the Council has appointed a professor of that subject in the person of Dr. A. M. Drennan, now lecturer on practical pathology at Edinburgh. Dr. Drennan will take up his duties at the close of the present year.

School of Home Science.

A forward move has been made, too, with regard to the School of Home Science. It has been evident from the beginning that in order to give the students proper training in subjects such as practical housewifery and laundry-work it would be necessary to provide a hostel at which students might reside. This need has now been met, and fifteen students are at present in residence in a well-equipped hostel, situated within easy access of the University. For the provision of this building the Council is indebted firstly to the Government, from whom a grant of £1,450 was obtained, and secondly to Mr. John Studholme and the Citizens' Committee, whose liberality in aid of this important branch of the training of women has been beyond all praise.

Finance.

The passing of the New Zealand University Amendment Act will have a very important bearing on the finances of the University. This will enable the Council to do something in the way of meeting the most pressing demands now made upon us. For this assistance the Council desires to record its gratitude to the Government. I much regret, however, that I have again to draw Your Excellency's attention to the debenture debt of this University, which still stands at £8,000. The Council trusts that the Government may see its way to liquidate this debt in the very near future.

The Great War.

Your Excellency will doubtless be pleased to hear of the response made by the University to the call of the Empire in its hour of need. Three members of the staff—Drs. Barnett, Macdonald, and O'Neill—and a former member, Dr. F. C. Bachelor, are now on active service; whilst at least a hundred students are wearing their King's uniform, and small detachments are constantly leaving to join the reinforcements. Your Excellency will doubtless join with the Council in wishing them all God-speed.

ANDREW CAMERON, Chancellor.

REPORT OF THE CHAIRMAN OF THE PROFESSORIAL BOARD FOR THE YEAR ENDING 31ST MARCH, 1915.

Two former members of the Board have died since last year's report was made—Dr. John Shand, C.M.G., and Dr. James G. Black. Both rendered valuable services to this University College from its establishment, and both won for themselves a high place in the esteem and affection of their colleagues and students. New members of the Professorial Board are—Dr. W. P. Gowland, the successor of the late Dr. J. H. Scott in the Chair of Anatomy, and Mr. H. D. Bedford, M.A., LL.M., Dean of the Faculty of Law and Commerce. Professor Barnett has been granted leave of absence and has gone to the front. Owing to the want of students, Mr. F. H. Campbell has resigned the lectureship in German, and therefore ceases to be a member of the Board, to the great regret of his fellow-members.

Attendance of Students.—The number of students who began to attend last year was greater than for any previous year; but before the end of the session the actual number in attendance was much reduced by the large number of those who joined the Expeditionary Forces. I am indebted to the Registrar for the following particulars as to the numbers in attendance:—

Faculty.	Men.	Women.	Totals.	
			1913.	1914.
Arts	127	116	243	243
Science	22	6	28	28
Law	43	..	47	43
Commerce	57	1	44	58
Medicine	140	15	133	155
Dentistry	8	..	9	8
Home science .. .. .	..	45	41	45
Engineering	9	..	2	..
Mining	29	..	19	29
			566	609

Of these, 38 were graduates, 451 undergraduates, and 120 non-matriculated students. In addition, 33 exempted students were examined for terms. As compared with the previous year the figures are the same in both arts and science, medicine, commerce, mining; while law, dentistry, and engineering show a diminution in numbers.

Degree Results.—The following table gives the number of degrees granted to students of this University by the University of New Zealand. The corresponding numbers for the previous three years are also given :—

	1914.	1913.	1912.	1911.
D.Sc.	1	..	..	1
M.D.	1	..	2	2
M.A.	15	11	11	15
M.Sc.	5	1	5	3
B.A.	24	28	23	25
B.Sc.	4	7	3	7
B.Sc. (home science)	..	2	..	..
LL.B.	2	1	2	4
M.B., Sc.B.	26	12	14	10
B.D.S.	2	1	2	1
B.E. . . . .	..	..	2	..
	80	63	64	68

Some detailed results are as follows : Master of Arts, with Honours—History, second class, 1 ; English and French, third class, 2 ; Latin and English, third class, 1 ; mental science, second class, 4 ; French and Latin, second class, 1 ; Latin and French, first class, 1 ; economics, third class, 1 ; Latin and French, third class, 1 ; mental science, third class, 1 ; Master of Science, with Honours—Electricity, second class, 1 ; heat and electricity, second class, 1 ; chemistry, first class, 1 ; heat, third class, 1 ; geology, first class, 1.

The Tinline Scholarship has been awarded to Miss Janet W. Aitken.

The faculty of medicine recommended the Senate to grant the Travelling Scholarship in Medicine to Mr. D. S. Milne.

The following awards were made by this University : Richardson Scholarship—Miss J. I. Stewart ; Gray Russell Scholarship—Henry Drees ; Women's Scholarship—Miss M. H. Yardley ; Macandrew Scholarship—William J. Youngson ; Sir George Grey Scholarship—J. G. Anderson ; Research Scholarship in Junior Physics—H. K. Christie ; Stuart Prize in Junior Physics—H. K. Christie ; Ulrich Memorial Medal—Noel Carless. MacGregor Prize (Mental Science)—E. G. Pilling ; Parker Memorial Prize—Miss W. C. Farnie. James Clark Prizes (awarded by the Presbyterian Church of New Zealand)—Latin, J. L. Ivory ; English, Miss J. W. Aitken ; mental science, A. J. Petrie ; Greek, D. A. Frew.

Buildings.—Extensive alterations have been made in the physics department, and the additional laboratories for chemistry, anatomy, and physiology have now almost reached completion. These much-needed improvements will greatly facilitate the work in these departments.

JOHN MALCOLM, Chairman.

THE MEDICAL SCHOOL.—REPORT OF THE DEAN OF THE MEDICAL FACULTY.

The year that has just elapsed has been a very eventful one for the Medical School, and during this period several very important changes have been made and others have been initiated which will materially increase its efficiency as a teaching institution.

In the interval between Dr. Scott's death and the arrival of Dr. Gowland the teaching of anatomy was efficiently carried out by Dr. Allen and Dr. Newlands, and these gentlemen deserve the thanks of the Council for the manner in which they performed the duties they undertook. Dr. Gowland arrived last December, and has entered on the duties of the Anatomical Chair with an energy which promises well for his success in his new position.

The appointment of Dr. Drennan to the new Chair of Clinical Pathology is a step of the utmost importance to the future development of the teaching in this large branch of medical study, and it is to be hoped that when he arrives at the end of the year the necessary accommodation for his classes will be nearing completion.

Dr. Colquhoun intimated that after thirty years' service he proposed to retire at the end of last year, but in consequence of the outbreak of war he placed the benefit of his long teaching experience at the service of the school for another year, and we are at present benefiting by this decision.

By the appointment of Dr. Williams as lecturer the subject of children's diseases once more appears among the subjects systematically taught, and the appointment of Dr. Hall as lecturer on diseases of the ear, nose, and throat fills a want in the curriculum which has been recognized for some time past.

During the year the additions to the anatomical and physiological departments rendered necessary by the growth of the classes have been completed, and afford ample accommodation for the work in these departments for many years to come.

An appeal by the Chancellor for funds for a new building to house pathology, bacteriology, and the clinical subjects in close proximity to the Hospital was generously responded to by the public, and resulted in a sum of nearly £8,000 being raised. With the Government subsidy of £1 for £1 this should suffice to provide a building that will meet our requirements in these directions. The plans have been most carefully thought out, and appear to cover any foreseeable contingency. It is of the greatest importance that no further delay should occur in starting building operations, as the laboratories will be required on Dr. Drennan's arrival at the end of the year.

The completion of the new women's block of the Dunedin Hospital has materially increased the teaching facilities there, and increased the value of the institution as a clinical school.

More than a word of acknowledgment is due to the Hospital Board for their friendly attitude towards the school, and to their recognition of the fact that they are jointly interested with the University in the most important school in the Dominion.

The outbreak of war made a sudden and serious call on the resources of the school. Dr. Batchelor, who is still associated with the faculty as consulting gynaecologist to the Hospital, and Dr. O'Neill, one of the surgeons on the staff, left for active service with the Expeditionary Force, and later on Dr. Barnett, Professor of Surgery, left, to be followed by Dr. Marshall Macdonald, our medical tutor. Suitable arrangements have been made for carrying on Dr. Barnett's teaching during his absence.

In consequence of the demand for surgeons a special final examination was held last August, and sixteen of the fifth-year students who passed either joined the Expeditionary Force or replaced others who did so, thus for a second time in a short period demonstrating the value of the school in any emergency demand for medical service on the part of the State.

The recasting of the curriculum has been a very difficult and tedious business, and though in its new form it is much superior to the old one, it may yet be further improved when it is seen how the alterations work. The dislocation caused by the change of terms all falls on the present year, and any later additions to or alterations of the new curriculum will be a comparatively simple matter.

The appointment of Dr. Bowie as Clinical Registrar is an important step, which will materially strengthen the clinical teaching and control of the students at the Hospital.

The growth of the classes is increasing rapidly, the entries this year being about forty, and we are faced with the necessity of increases in the teaching staff to cope with the growth of a school which shows every promise of a vigorous and successful future.

DENTAL SCHOOL.—REPORT OF THE DIRECTOR (PROFESSOR H. P. PICKERILL, M.D.).

During the past year I was granted leave of absence by the Council for the winter session in order to proceed to London to attend the International Dental Congress, at which Mr. Hunter and I represented New Zealand. The outbreak of the present war, however, on the first day of the Congress prevented its being successfully held. During my absence Mr. Throp acted as Dean of the Dental Faculty, and Mr. Swan directed the clinical work of the Hospital, and I should like to express my thanks to these gentlemen for the manner in which the duties of the positions were fulfilled.

There have been no changes in the personnel of the staff during the past year: Messrs. Hunter, Glendining, Brewer, and Barron retired according to rotation in December, but were re-elected.

During the year there have been nine students in attendance, all of whom were degree students. The demand for post-graduate classes has practically ceased.

The war has claimed three of our students. Two of them, being granted special final examinations in September last, were appointed dentists to the Expeditionary Force with the rank of Lieutenants, N.Z.M.C., and the third has received a non-commissioned rank in the Infantry. A past student, Mr. J. L. Saunders, B.D.S., is a lieutenant with the Infantry, and Mr. J. A. M. Cameron is serving as a private. Mr. Hunter and myself offered our services at Home. I received an appointment, but had to leave England to take up my duties here before I was called upon for any active duties. For a comparatively small University department I think, therefore, the Dental School has contributed its quota to the defence of the Empire.

From a clinical and financial point of view the year has been very successful. The number of patients attending the Hospital for treatment continues to be very much more than can be adequately dealt with. The following is the statement of clinical work for the past twelve months: Number of patients' attendances, 2,529; number of fresh patients, 429; number of patients actually under treatment on the 31st March, 258; number of gold fillings, 53; number of amalgam fillings, 270; number of plastic fillings, 66; number of root-treatments, 133; number of crowns, 34; number of bridges, 2; number of inlays, 82; number of dressings, 314; number of attendances for the treatment of deformities, 288; number of anæsthetic cases, 255; number of artificial dentures fitted, 151; number of attendances for above, 410; number of miscellaneous examinations, 722.

In view of the above figures the measures of support which the school obtains from the Hospital and Charitable Aid Board and the Saturday Hospital Fund may be considered to be at least fully justified. I would call attention to the large number of patients (258) at present under treatment. This means that staff and students have to work at full pressure each morning in order to cope with the attendance. The greater number of patients are children, and there is still a deficiency of adults who can pay the small fees charged for the cost of gold used in more advanced work. During the time I was at Home I visited nearly all the dental schools and dental clinics in England and Australia, inquiring into their method of work and teaching, and I found that our school, although not so large as some, compares very favourably indeed as regards equipment, organization, and teaching. The question of lowering the standard of the dental qualifying examination (L.D.S.) is at present engaging the attention of the General Medical Council, with a view to encouraging more students to enter for the dental course; and with a similar end in view the question may also shortly arise here as to whether the provision in the Dentists Act for a certificate of proficiency should not be made practically operative.

THE SCHOOL OF HOME SCIENCE.

(Report published in E.—5.)

OTAGO UNIVERSITY SCHOOL OF MINES.—ANNUAL REPORT OF THE DIRECTOR (PROFESSOR JAMES PARK).

The Mining School for the session of 1914 showed an attendance of 30 registered students, exclusive of the arts and science students attending the lectures on geology, and the dental students

attending the class of instruction in dental metallurgy. Of the 30 students, 25 were taking the associate course in mining engineering, and 4 the course for the associateship in geology. In addition to reading for the associateship in mining or geology, 5 students were preparing for the B.Sc. degree of the University of New Zealand.

All passed the annual term examinations, except one in mechanics and one in senior mathematics. During the year the associate diploma in mining was granted to two students, and the diploma of land and mine surveyor to one.

Among the more important appointments obtained by our mining graduates during 1914 were the following: George W. Thomas, A.O.S.M., mine-manager, Pahung Consolidated, Federated Malay States; Aubrey Gow, A.O.S.M., battery-manager, Radjang Gibong, Central Sumatra; Cyril Gudgeon, general manager, Mount Bischoff Extended Tin-mines, Waratah, Tasmania; Hugh Crawford, A.O.S.M., Assistant Director, Thames School of Mines; C. N. Boulton, B.Sc., Engineer, Westport Harbour Board; R. S. Thompson, A.M.I.C.E., Engineer, Patea Harbour Board; C. H. Thompson, A.O.S.M., manager, Mount Radiant Molybdenite-mine, West Nelson; Walter Given, A.O.S.M., B.E., Director, Karangahake School of Mines; W. Gibson, A.O.S.M., Assistant Geologist, New Zealand Geological Survey.

Mining Students on Active Service.—Of the undergraduates of 1914 no less than fourteen, or 47 per cent. of the whole, are now on active war service. Of these, nine went to Egypt with the Main Expeditionary Force, four with the Third Reinforcements, and one with the Fifth. In addition to these, seven graduates have joined various branches of the Forces and are now on active service. Of the fourteen undergraduates who have joined the Imperial Forces, nine who left in August were granted passes that count for terms without examination. The other five sat for the term examinations in October before leaving. The holders of Government and University scholarships on active service have been informed that their scholarships will be held over till their return from the war, and the Chancellor of the New Zealand University has given an assurance to students reading for the B.Sc. degree that they will not be penalized in their examinations through absence with the Imperial Forces.

ACCOUNTS AND BALANCE-SHEET.

STATEMENT OF CASH RECEIPTS AND EXPENDITURE FOR YEAR ENDING 31ST MARCH, 1915.

<i>Receipts.</i>	£	s.	d.	<i>Expenditure.</i>	£	s.	d.
Balance, 31st March, 1914	357	14	7	King Edward Technical College, for con-			
Sale of cases	0	19	6	ducting cookery class	100	0	0
Sundry donations	30	10	0	Bank of New Zealand, interest and com-			
Sale of platinum	6	10	4	missions	34	7	9
Otago Hospital Board, subsidy for Dental				Interest on University debentures	440	0	0
Hospital	200	0	0	Law-costs	54	14	2
Otago Hospital Board, subsidy for Bacterio-				Insurance	114	17	7
logical Department	400	0	0	Otago Hospital Board, one-tenth dental			
Otago Law Society, contribution in aid of				patients' fees for year ending 31st March,			
law lectures	100	0	0	1914	28	1	9
Refunds from Beverley Trust Account ..	472	4	9	Expenses of patriotic lecture	6	12	0
Mr. John Studholme, donations in aid of				Patriotic Committee, net proceeds of lecture	30	0	0
Home Science School	300	0	0	Prizes for commerce students	4	4	0
Citizens' Committee, donation in aid of				Repairs	247	13	11
Home Science School	200	0	0	Fees for analyses paid out	42	15	9
Interest on investments	644	11	3	Half fees for administering X rays, paid to			
Proceeds of patriotic lecture by Mr. H. D.				operator	2	4	9
Bedford	36	12	0	Salvation Army, for admitting students to			
Dunedin Chamber of Commerce, donation				clinical practice of Redroofs Maternity			
for prizes and fees	10	10	0	Hospital	55	0	0
New Zealand Society of Accountants, dona-				Fees paid to professors and lecturers ..	2,943	4	8
tion	100	0	0	Fee for carrying on work of Court of Con-			
Proceeds of sale of calendars	9	9	3	vocation, paid to Registrar and assistant	15	15	0
New Zealand University, refunds of ex-				Water, light, and fuel	457	12	10
penses connected with Court of Convoca-				Expenditure on new work	427	2	9
tion	3	3	2	Equipment and apparatus	365	18	4
Fees received for analyses	57	1	3	Printing, advertising, and stationery ..	349	18	11
Fees for anatomical parts	3	6	0	Purchase-money of site and buildings for			
Students' fees	7,294	11	6	Home Science Hostel	1,827	15	4
Dental patients' fees	340	7	8	Payments to date for adapting buildings			
New Zealand University, fee for carrying				for purposes of hostel	778	0	0
on work of Court of Convocation	15	15	0	Architect's commission in connection with			
Income from Hocken Memorial Fund for				Home Science Hostel	35	15	0
upkeep of Hocken Library	153	4	7	Furnishing Home Science Hostel	394	12	10
Capitation on home science classes ..	343	15	9	Builders' risk on Home Science Hostel ..	2	19	9
Government subsidy on contributions from				Government commission on rents	128	17	8
staff of Dental Hospital	42	16	9	Library	199	9	10
Government grants—				Travelling-expenses of new Professor of			
Specialization	4,500	0	0	Anatomy and other expenses connected			
Home Science Hostel	1,320	15	2	with the appointment	109	14	1
School of Mines	750	0	0	Various expenses	455	19	8
Goldfields revenue	0	18	0	Materials and renewals of stocks	828	7	4
Timber licenses	36	1	6	Fee for special examination of medical			
Rents	5,673	10	9	students refunded	16	15	0
Presbyterian Church	1,800	0	0	Salaries	14,647	6	11
Pharmacy Board, for use of Chemistry				Payments to Public Trustee, being super-			
Laboratory	2	2	0	annuation contributions deducted from			
Payment from Treasury for special exami-				salaries	563	0	3
nation of medical students	16	15	0	Commissioner of Taxes, income-tax ..	7	10	0
Proceeds of concert in aid of Home Science				Transfer to Scholarship Trust Account ..	16	17	6
funds	18	12	6	Fee for analysis	0	4	0
Fee paid for analysis	0	4	0				
Balance	491	7	7				
	£25,733	9	4		£25,733	9	4

SUMMARY OF SEPARATE ACCOUNTS.

Account.	Balance at 31st March, 1914.	Receipts to 31st March, 1915.	Payments to 31st March, 1915.	Deficiency of Income for 1915.	Surplus of Income for 1915.	How disposed of.	Balance carried forward.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.		£ s. d.
Arts and General	Dr. 958 7 9	10,715 9 4	10,052 10 6	..	662 18 10	..	Dr. 295 8 11
School of Mines	..	1,474 4 1	1,747 12 4	273 8 3	..	Transferred to Arts and Gen- eral Account	..
Dental School..	..	1,375 9 10	1,544 19 10	169 10 0	..	Ditto	..
Medical School	..	7,076 3 3	7,050 3 8	..	25 19 7	..	..
Museum ..	..	400 0 0	821 16 4	421 16 4	..	..	..
Home Science..	..	3,859 2 11	4,335 13 2	476 10 3	..	..	Dr. 476 10 3
Beverly Trust ..	Cr. 44 15 7	256 9 8	619 4 5	362 14 9	..	..	Dr. 317 19 2

SCHOLARSHIP AND PRIZE FUND ACCOUNT, 31ST MARCH, 1915.

Trust.	Balance, 31st March, 1914.	Interest.	Total.	Payments (Scholarships and Prizes).	Bank Charge.	Balance, 31st March, 1915.		
						Capital.	Income.	Total.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	s. d.	£ s. d.	£ s. d.	£ s. d.
Richardson ..	955 6 10	46 19 8	1,002 6 6	30 0 0	2 6	943 2 3	29 1 9	1,002 6 6
Walter Scott ..	393 4 7	18 14 10	411 19 5	..	0 11	381 9 11	30 8 7	411 19 5
Taieri ..	455 16 11	21 4 8	477 1 7	..	1 0	441 16 8	35 3 11	477 1 7
Macandrew ..	1,151 13 0	54 9 10	1,206 2 10	35 0 0	2 6	1,118 17 6	52 2 10	1,206 2 10
Women's ..	673 0 7	32 12 7	705 13 2	25 0 0	1 10	665 9 5	15 1 11	705 13 2
Stuart ..	121 7 9	5 6 6	126 14 3	3 0 0	0 3	119 13 2	4 0 10	126 14 3
Ulrich ..	83 5 8	3 3 3	86 8 11	2 3 0	0 3	77 13 11	6 11 9	86 8 11
Parker ..	51 17 3	1 19 9	53 17 0	2 0 0	0 2	50 0 0	1 16 10	53 17 0
Macgregor ..	137 14 10	6 8 0	144 2 10	5 0 0	0 5	131 19 4	7 3 1	144 2 10
Leask ..	52 1 6	2 0 5	54 1 11	..	0 2	50 0 0	4 1 9	54 1 11
	4,075 8 11	192 19 6	4,268 8 5	102 3 0	10 0	3,980 2 2	185 13 3	4,268 8 5

SIR GEORGE GREY SCHOLARSHIP.

Amount received from Government .. £50 0 0 | Payment to holder £50 0 0

STATEMENT SHOWING THE POSITION OF THE SCHOLARSHIP TRUST FUNDS, 31ST MARCH, 1915.

Fund.	Amount.	Morning- ton Trams, 4½ per Cent.	Stock Exchange, 4½ per Cent.	Dunedin City Trams; 4 per Cent.	Dunedin City Trams, 4½ per Cent.	Borough of South Dunedin, 4 per Cent.	Otago Har- bour Board, 4½ per Cent.	Otago Har- bour Board, 4½ per Cent. (at £93 16s. 7d.)	Uninvested.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Richardson Trust	972 4 0	53 7 10	769 14 5	..	..	82 0 0	10 0 0	28 0 0	29 1 9
Walter Scott ..	411 18 6	18 9 11	285 0 0	..	..	40 0 0	10 0 0	28 0 0	30 8 7
Taieri ..	477 0 7	48 15 6	267 12 2	..	..	67 9 0	30 0 0	28 0 0	35 3 11
Macandrew ..	1,171 0 4	93 13 4	722 14 2	..	..	177 0 0	50 0 0	75 10 0	52 2 10
Women's ..	680 11 4	47 4 3	554 15 2	..	..	45 0 0	..	18 10 0	15 1 11
Stuart ..	123 14 0	..	..	..	100 0 0	10 0 0	..	9 13 2	4 0 10
Ulrich ..	84 5 8	13 13 11	..	50 0 0	..	14 0 0	..	..	6 11 9
Parker ..	51 16 10	..	..	50 0 0	..	..	..	..	1 16 10
Macgregor ..	139 2 5	24 15 3	100 4 1	..	..	7 0 0	..	..	7 3 1
Leask ..	54 1 9	..	..	..	..	50 0 0	..	..	4 1 9
	4,165 15 5	300 0 0	2,700 0 0	100 0 0	100 0 0	492 9 0	100 0 0	187 13 2	185 13 3

Cash in bank, £185 13s. 3d.

BUILDING FUND ACCOUNT FOR YEAR ENDING 31ST MARCH, 1915.

Receipts.	£ s. d.	Expenditure.	£ s. d.
Government grants for Oliver Wing and Students' Union ..	427 16 8	Balance, 31st March, 1914 ..	126 16 10
Government grants for medical extensions	5,000 0 0	Sundry payments on account Students' Union and Oliver Wing ..	209 16 6
Grant from Dunedin Savings-bank for Pathological and Bacteriological Block	750 0 0	Payments on account Students' Union	135 0 8
Debit balance as per pass-book ..	2,021 12 4	Progress-payments on account medical ex- tensions ..	6,093 0 0
Plus cheques outstanding	663 0 0	Salary, clerk of works ..	172 0 0
	2,684 12 4	Architect's fee on account, medical ex- tensions ..	381 8 0
		Installing electric light in medical ex- tensions ..	65 0 0
		Sundry payments on account medical extensions ..	12 14 0
		Architect's fee on account contract for fittings in medical extensions ..	47 13 0
		Progress-payments on account fittings ..	869 0 0
		Balance on fixed deposit in Bank of New Zealand, North Dunedin, being grant from Dunedin Savings-bank for Patho- logical Block ..	750 0 0
	£8,862 9 0		£8,862 9 0

BALANCE-SHEET FOR THE YEAR ENDING 31ST MARCH, 1915.

<i>Liabilities.</i>			<i>Assets.</i>		
£	s.	d.	£	s.	d.
Capital Accounts—			Mrs. Leask's Trust	4	17 8
Sales of property ..	3,801	14 9	Arts and General Account	295	8 11
Dunedin Savings-bank ..	6,500	0 0	School of Home Science	476	10 3
Wolf Harris Endowment ..	2,100	0 0	Fees overpaid to professors	4	4 0
Subscribed fund ..	2,249	0 0	Stock Exchange debentures	1,800	0 0
Mrs. Lothian's Bequest ..	600	0 0	Dunedin City Tramway debentures ..	2,689	9 0
		15,250 14 9	New Zealand Government debentures ..	10,000	0 0
Income Tax Department, account Professor Sale		7 10 0	Borough of Morningside debentures ..	700	0 0
Otago Hospital Board, one-tenth dental patients' fees		33 11 10	Superannuation Board (overpaid) ..	0	5 5
Fees due to professors		63 0 0			
Chamber of Commerce, donation for prizes not yet expended		6 6 0			
Chemistry Apparatus Fund		18 14 0			
Hocken Library Fund		99 11 1			
Bank of New Zealand, debit balance ..		491 7 7			
		<u>£15,970 15 3</u>			<u>£15,970 15 3</u>
Debentures owing by University ..	£8,000	0 0			

F. REPORT OF THE CANTERBURY AGRICULTURAL COLLEGE, 1914.

(The Canterbury College and Canterbury Agricultural College Act, 1896.)

Visitor.—His Excellency the Governor.*Board of Governors.*

Appointed by His Excellency the Governor—W. F. M. Buckley, Esq., B.A.

Elected by members of the Legislature—Hon. E. C. J. Stevens (Chairman); G. Rennie, Esq.; and H. A. Knight, Esq.

Elected by governing bodies of agricultural and pastoral associations—J. Deans, Esq.; T. Blackley, Esq.; and R. Rhodes, Esq.

*Staff.**Director.*—R. E. Alexander.*Lecturer on Veterinary Science.*—A. Taylor, M.A., M.R.C.V.S.*Lecturer on Chemistry.*—G. Gray, F.C.S.*Lecturer on Biology.*—F. W. Hilgendorf, M.A., D.Sc.*Lecturer on Applied Mathematics.*—C. W. Foster, M.N.Z.I.S.

REPORT OF THE DIRECTOR.

SIR,—

I have the honour, by direction of the Board of Governors, in pursuance of the Canterbury College and Canterbury Agricultural College Act, 1896, to submit the following report on the work of the institution for the year ending 31st December, 1914 :—

The Board records with deep regret the death of Mr. M. Murphy, who had been a member of the Board for thirteen years and had always taken a deep interest in the work and welfare of the College.

The attendance of students till August was up to the full limit of accommodation, but on the outbreak of war a number of the students joined the Expeditionary Forces, leaving forty in residence for the remainder of the year. At the end of the year another batch of students joined the reinforcements, and a number of the applicants for 1915 also volunteered, so that the number of students in residence in 1915 is likely to be below normal: the reduction in numbers at the beginning of the year worked out at 10 per cent., which is quite satisfactory when it is considered that up to the end of December, 1914, fifty past and present students of the College had either joined the Main Expeditionary Forces or the reinforcements.

Fifty-one students were enrolled in 1914, and I am glad to be able to state that their work on the farm and in the College was satisfactory, the competition for the scholarships and prizes offered by the Board being very keen indeed.

Twenty-seven students, including those who volunteered to go to the front, left the College during the year; of these, four left at the end of the first year, ten at the end of or during the second year, and thirteen at the end of or during the third year: of the latter, eight passed all their examinations and satisfied the examiners, and were awarded the diploma of the College.

As in former years, we are indebted to a number of public bodies and friends, including the following—the Ashburton Agricultural and Pastoral Association; Messrs. Pyne and Co.; Canterbury Frozen Meat Company; Messrs. Booth, Macdonald, and Co.; L. White, Esq.; G. W. R. Osborne, Esq.; J. Sowden, Esq.—for presenting the College with very valuable trophies to be given as prizes to the students. These gifts are very much appreciated by both staff and students, as they stimulate a very wholesome spirit in the general work of the College. The Canterbury Agricultural and Pastoral Association also offered a special prize for the best essay on the working of the farm. This is sure to stimulate a further interest in the work.

INVESTMENT ACCOUNT.

	£	s.	d.		£	s.	d.
Balance, 1st January, 1914 ..	13,069	15	7	Invested on mortgage ..	13,500	0	0
Transfer, General Account ..	500	0	0	Balance, 31st December, 1914 ..	69	15	7
	<u>£13,569</u>	<u>15</u>	<u>7</u>		<u>£13,569</u>	<u>15</u>	<u>7</u>

STATEMENT OF BALANCES.

Accounts.				Bank, &c.									
			£	s.	d.		£	s.	d.	£	s.	d.	
General Account	..	..	Cr.	112	18	8	Credit balance, Bank N.S.W.	163	4	0			
Investment Account	..	..	..	69	15	7	Less unpaid cheques	..	53	16	2		
											109	7	10
							Cash in hand..	..	..	..	58	16	11
							Dishonoured cheque	..	..	..	14	9	6

R. E. ALEXANDER, Director.

Examined and found correct, except that the Audit Office is of opinion that the incidence of certain of the charges is incorrect.—ROBERT J. COLLINS, Controller and Auditor-General.

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