

1922.  
NEW ZEALAND.

---

# EDUCATION: HIGHER EDUCATION.

[In continuation of E.-7, 1921.]

---

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

---

## CONTENTS.

---

	Page
No. 1.—Extract from the Forty-fifth Annual Report of the Minister of Education (E.-1)	2
No. 2.—Reports of the University of New Zealand and of Affiliated Institutions :—	
A. Report of the University of New Zealand .. .. .	8
B. Report of the Auckland University College .. .. .	11
C. Report of the Victoria University College .. .. .	13
D. Report of the Canterbury College .. .. .	16
E. Report of the University of Otago .. .. .	21
F. Report of the Canterbury Agricultural College .. .. .	24
No. 3.—Detailed Tables :—	
Students on the Books of Affiliated Institutions .. .. .	26
Courses taken by Students .. .. .	26
Subjects taken by Students .. .. .	27
Scholarships, Bursaries, &c. .. .. .	27
Summary of Accounts of Affiliated Institutions .. .. .	28

## HIGHER EDUCATION.

### No. 1.—EXTRACT FROM THE FORTY-FIFTH 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 of Arts, and Bachelor and Doctor of Law, of Medicine, and of 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. By the provisions of the New Zealand University Act of 1908 and subsequent amending Acts the Senate of the University now has power to confer, in addition to those mentioned, the following degrees: Doctor of Literature; Master of Laws, of Surgery, and of Science; Bachelor, Master, and Doctor of Veterinary Science, of Dental Surgery, of Mechanical, Electrical, Civil, Mining, and Metallurgical Engineering, of Naval Architecture, of Agriculture, of Public Health, and of Commerce; Bachelor of Science in Home Science; and Bachelor of Science in Architecture. Diplomas in a number of subjects may also be obtained. In 1921 a Bachelor of Science in Forestry and a Doctorate of Philosophy were instituted.

The affairs of the University are controlled by three Courts—the Senate, the Board of Studies, and the General Court of Convocation, which consists of members of the four District Courts of Convocation. The Senate consists of twenty-four members or Fellows—four elected by the Governor-General 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 Board of Studies consists of twenty members, five of whom are appointed by each of the Professorial Boards of the four institutions affiliated to the University. The District Courts of Convocation consist of graduates of the University.

The Senate has the entire management of and superintendence over the affairs, concerns, and property of the University, and, subject to certain provisions relating to the Board of Studies, has power to alter all statutes and regulations. The Board of Studies has 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. The chief function of the General Court of Convocation is to discuss matters relating to the University and to declare its opinion on any such matters.

The revenue of the University is derived mainly from a statutory Government grant of £4,000 per annum, from fees, and from interest on investments. In addition there is paid to it in trust a certain proportion of the national-endowment income for distribution among the four affiliated institutions towards the support of libraries, the establishment of new Chairs, and towards the extension of their work in other ways. The amount received from this source in 1921–22 was £3,416.

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—situated in the cities of Auckland, Wellington, Christchurch, and Dunedin respectively. The affairs of these University colleges, including the appointment of professors and lecturers, are entirely in the hands of the various Councils. Each of the colleges, besides providing the usual University courses, specializes in certain directions: Otago University has medical and dental schools, a school of mining and metallurgical engineering, and a school of home science; Canterbury College has a school of engineering (mechanical, electrical, and civil); Auckland University College has a school of mines and a school of commerce; and Victoria University College specializes in law and science.

The affiliated colleges receive annual statutory Government grants towards meeting the expenses of their general maintenance as follows: Auckland University College, £11,500; Victoria University College, £11,500; Canterbury College, £4,500; Otago University, £10,000. The colleges are also in receipt of rents from endowments, Canterbury College being the most richly endowed, and the total income from this source by all colleges in 1921 being £22,237. In addition to the grants a certain proportion of the income from the National Endowment Fund for the purposes of education is paid directly to the four affiliated institutions, the sum paid to each in the year 1921–22 being £1,708. There is also provision for the payment under regulations of a Government subsidy on voluntary contributions to the funds of the institutions affiliated to the University of New Zealand, and special grants are made from time to time for buildings and equipment; £6,868 was paid to the colleges by way of subsidy in 1921–22, and £39,071 as grants for extended buildings and sites. The receipts of the colleges from students' fees amounted to £38,427.

The total amount paid by the Education Department on account of the University of New Zealand and the affiliated colleges for the year 1921–22 was £117,434, as against £109,242 in the previous year. The total expenditure of these institutions on University education (exclusive of trust funds) was £215,000.

#### NEW ZEALAND UNIVERSITY.

The University conducted examinations in 1921 in the faculties of arts, science, medicine, public health, dentistry, home science, law, engineering, commerce, agriculture, and music, and for admission to the legal and accountants' professions. The number of candidates for examination is increasing each year; there were 4,964 entrants for the degree examinations in 1921, compared with 3,671 in 1920, and the number of candidates for matriculation has more than doubled in the last ten years. The table below gives the numbers qualifying for degrees and scholarships from the four University colleges:—

NUMBER OF SUCCESSFUL CANDIDATES AT THE EXAMINATIONS FOR DEGREES IN 1921.

Degrees, &c.	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 Literature .. ..	1	..	1	..	..	..	1	..	1	..	..	..	2	..	2
Doctor of Science .. ..	..	..	..	..	..	..	1	..	1	1	..	1	2	..	2
Doctor of Medicine .. ..	..	..	..	..	..	..	..	..	..	1	..	1	1	..	1
Master of Science .. ..	4	..	4	1	1	2	2	..	2	4	1	5	11	2	13
Honours in Science .. ..	3	..	3	1	1	2	2	..	2	4	1	5	10	2	12
Honours in Arts .. ..	4	2	6	5	..	5	5	5	10	11	1	12	25	8	33
Master of Arts .. ..	8	2	10	10	3	13	5	10	15	15	2	17	38	17	55
Honours in Law .. ..	..	..	..	2	..	2	..	..	..	..	..	..	2	..	2
Master of Law .. ..	..	..	..	3	..	3	..	..	..	..	..	..	3	..	3
Bachelor of—															
Arts .. ..	14	6	20	11	18	29	13	13	26	18	8	26	56	45	101
Science .. ..	5	2	7	9	..	9	3	..	3	8	2	10	25	4	29
Medicine and Surgery .. ..	..	..	..	..	..	..	..	..	..	20	4	24	20	4	24
Laws .. ..	18	..	18	18	..	18	9	..	9	4	..	4	49	..	49
Commerce .. ..	2	..	2	3	..	3	1	..	1	1	..	1	7	..	7
Engineering (Civil) .. ..	..	..	..	..	..	..	3	..	3	..	..	..	3	..	3
Engineering (Electrical) .. ..	..	..	..	..	..	..	3	..	3	..	..	..	3	..	3
Science in Home Science .. ..	..	..	..	..	..	..	..	..	..	4	..	4	..	4	4
Agriculture .. ..	..	..	..	1	..	1	1	..	1	..	..	..	2	..	2
Music .. ..	..	1	1	..	..	..	..	..	..	..	..	..	..	1	1
Senior University Scholarships .. ..	1	..	1	3	3	6	2	2	4	3	..	3	9	5	14
John Tinline Scholarship .. ..	..	..	..	..	..	..	..	1	1	..	..	..	..	1	1
Totals, 1921 .. ..	60	13	73	67	26	93	51	31	82	90	23	113	268	93	361
Totals, 1920 .. ..	38	9	47	50	23	73	39	17	56	70	26	96	197	75	272

In addition to these successes, 1,815 candidates passed sections of the examinations for degrees or for admission to professions; 45 gained certificates of proficiency. There were 125 candidates for the Entrance Scholarship Examination, 31 gaining scholarships, 46 others passing the examination with credit, and 44 qualifying for Matriculation. The number of candidates for the Matriculation Examination was 3,643, of whom 1,095 passed the whole examination, 526 completed partial passes, and 614 gained partial passes.

Up till the present the examinations in arts and science have been conducted by examiners appointed in Great Britain. The Senate has now agreed to conduct these examinations up to pass grade in New Zealand by the appointment of external examiners in the several subjects, who will act in conjunction with the responsible teacher of the subject in each college.

The following table shows the principal receipts and payments of the University of New Zealand for the year 1921 :—

I.—GENERAL ACCOUNT.					
<i>Receipts.</i>		£	<i>Payments.</i>		£
Balance, 1st January, 1921	..	8,030	Transfer to Ordinary Scholarship Account	..	1,500
Statutory grant	..	4,000	National endowment	..	3,416
National endowment	..	3,416	Examinations	..	11,620
Fees	..	19,894	Office salaries and rents	..	1,998
Miscellaneous	..	514	Expenses of Senate Sessions	..	673
			Miscellaneous	..	2,111
			English agent	..	3,356
			Suspense	..	28
			Balance, 1st January, 1922 (including balance in hands of English agent)	..	11,152
		<u>£35,854</u>			<u>£35,854</u>

II.—ORDINARY SCHOLARSHIP ACCOUNT.					
<i>Receipts.</i>		£	<i>Payments.</i>		£
Balance, 1st January, 1921	..	28,775	Scholarships	..	2,985
Transfer from General Account	..	1,500	Balance, 1st January, 1922	..	28,674
Interest	..	1,384			
		<u>£31,659</u>			<u>£31,659</u>

In the above statements no account has been taken of special scholarships and prize funds.

#### AFFILIATED COLLEGES.

(Tables M1-M5.)

The number of students in attendance at the four University colleges in 1921 was 3,924, as compared with 3,672 in the preceding year. The figures for 1918, 1920, and 1921 are shown below, and it will be seen that the number of students has increased since the year 1918 by 83 per cent.

STUDENTS ATTENDING UNIVERSITY COLLEGES.						
		1918.	1920.	1921.		
Men	..	1,122	2,327	2,524		
Women	..	1,018	1,345	1,400		
Totals	..	2,140	3,672	3,924		

The students are classified as follows : Graduates, 162 ; undergraduates, 2,503 ; non-matriculated students, 1,259. In addition to the matriculated students mentioned above there were 199 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 by passing the annual college examination.

Of the 3,924 students attending University colleges, 1,656, or 41 per cent., were receiving free tuition, being the holders of scholarships, bursaries, or training-college studentships.

In addition to the students attending the four University colleges, fifty-three students, of whom six were Government-bursary holders and two were holders of Kitchener Scholarships, were taking an agricultural course of university grade at the Lincoln Agricultural College in Canterbury.

Of the students attending the colleges 2,987 are returned as taking definite courses as follows : Arts, 1,061 ; law, 543 ; medicine, 403 ; commerce, 256 ; engineering, 254 ; science, 192 ; dentistry, 89 ; music, 82 ; home science, 71 ; architecture, 23 ; and agriculture, 13.

The number of full-time professors employed in the four University colleges at the end of 1921 was as follows: Auckland, 10; Victoria, 13; Canterbury, 12; Otago, 21; total, 56. In addition a number of part-time professors and large staffs of lecturers and assistants were employed. The average salary of full-time professors was £857, and the total expenditure by the four colleges on salaries for the year £89,857, as compared with £74,888 in the previous year.

*Finances of the Affiliated Colleges, 1921.*

The total receipts of the University colleges for the year 1921 amounted to £185,884, of which sum £106,088 was received directly from the Government and £3,435 indirectly from the Government through the University of New Zealand. The receipts from the Government included £47,082 maintenance grants and apportionment of national endowment revenue, and £41,898 grants for buildings and equipment. Receipts from local sources included £22,237, income from reserves and £38,428 fees.

The total payments amounted to £188,765 of which the principal items were salaries, £89,858; buildings, £44,261; equipment, £12,744; administration, £12,010.

FREE EDUCATION AT UNIVERSITY COLLEGES.

What may be regarded as generous provision is made for free education and for scholarship allowances for students of the University colleges, 41 per cent., as mentioned above, of the students receiving free tuition.

*Scholarships.*

University entrance scholarships are awarded annually on the results of the University Junior Scholarship Examination, and are as follow: University Junior, University National, and Taranaki Scholarships (open only to candidates resident in Taranaki), in addition to some thirty or forty local and privately endowed scholarships awarded on the results of the same examination. The value of a Junior Scholarship or a University National Scholarship is £20 per annum in addition to tuition fees; students obliged to live away from home receive also a boarding-allowance of £30 per annum. Twenty-nine Junior University Scholarships and fifty-eight University National Scholarships were held during 1921. The expenditure by the University on scholarships was £2,985, and by the Education Department on University National Scholarships £3,634. 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.

Scholarships awarded during the degree course are: Senior University Scholarships tenable by candidates for Honours, and awarded on the papers set for subjects in the Bachelor of Arts and Bachelor of Science Examinations; John Tinline Scholarship, awarded on the papers in English of the Senior Scholarship Examination; Sir George Grey Scholarships for students of science subjects; and a number of privately endowed scholarships open to students of the various colleges. Thirteen Senior University Scholarships were held during 1921.

The chief scholarships awarded at the end of the University course are the Rhodes Scholarship, the 1851 Exhibition Scholarship, the Medical Travelling Scholarship, the Engineering Travelling Scholarship, the French Travelling Scholarship, National Research Scholarships (one of which is offered to each University college), and a post-graduate scholarship in arts. All, excepting the National Research Scholarships, are 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.

The Rhodes scholar of 1922 is a student of Victoria College. The total number of Rhodes Scholarships that have been granted to date is twenty-one, of which six have been gained by students of Auckland University College, five by students of Otago University, six by students of Victoria University College, and four by students of Canterbury College.

Up to the present twenty-one National Research Scholarships have been awarded, three being current at present, and the following being the subjects of research: "The nature of unsaturation in unsaturated acids and their derivatives";

“ Atmospheric electricity, with specific reference to meteorological conditions ”; and “ Radio-activity and helium content of New Zealand rocks, waters, and natural gases.”

*Kitchener Memorial Scholarship.*—A Kitchener Memorial Scholarship endowed by a private gentleman, and contributed to by other persons and by the Government, is awarded annually on the results of the Senior National Scholarship Examination for secondary-school pupils, and is intended for boys, being the sons of members of the New Zealand Expeditionary Force, who have taken an agricultural course. The scholarship is worth £50 per annum, and is tenable for two years at an agricultural college. One scholarship was awarded in each of the years 1919, 1920, and 1921, the first named having expired at the end of 1920, and an extension of a third year being granted to the second-named scholar. No award was made in 1922.

#### *University Bursaries.*

University bursaries are awarded under the University Amendment Act, 1914, on the credit pass in the University Junior Scholarship Examination or on a higher leaving-certificate qualification, and entitle the holders to exemption from the payment of tuition and examination fees (not exceeding £20 per annum) during a three (or possibly four) years' course at a University college or school of agriculture recognized by the University. The number of University bursars in 1921 was 610, as compared with 558 in 1920, and the amount expended on their tuition and examination fees was £10,002, the cost per head being £16 7s. 11d.

#### *Educational Bursaries.*

Educational bursaries may be awarded to persons complying with certain conditions who, having matriculated, are trained teachers, or teachers holding a class C certificate, or ex-pupil teachers, or ex-probationers. Bursars are bound to serve as teachers for a specified term of years. The bursaries provide free tuition up to an annual value of £20 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 the course in arts, science, or agriculture, and proof of satisfactory progress must be given.

The number of educational bursars in 1921 was ninety-one, of which number twelve completed the three years' tenure of their bursaries. The amount expended on tuition and examination fees on account of educational bursaries was £874, the cost per head being £9 12s. 1d.

#### *Domestic-science Bursaries.*

Domestic-science bursaries tenable at the Otago University may be awarded by the Director of Education to persons who 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, on completion of their course, to engage in teaching for not less than three years.

The term of a bursary is two (or possibly three) years. The bursar 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. A large hostel is provided at which the great majority of the students reside.

Bursaries of this kind were awarded to eleven students in 1921, making in all forty-four bursars in attendance at classes.

#### *Agricultural Bursaries.*

Agricultural bursaries may be granted by the Education Department to qualified candidates in order to enable them to obtain the necessary practical training

for positions as teachers or agricultural instructors, after the completion of their training the bursars being under a legal obligation to serve for a term of three years in one or other of these capacities. The qualification for a bursary is Matriculation or a higher or lower leaving-certificate, and candidates are preferred who have received agricultural instruction during their secondary-school course. In addition, ex-students of teachers' training colleges who desire to specialize in the teaching of agriculture may obtain bursaries to enable them to receive the necessary training in agriculture. Agricultural bursaries are tenable at an experimental farm, an agricultural college, or other approved institution for two years, with a possible extension to a third year. Bursars receive an allowance of £20 per annum with free tuition, and if obliged to live away from home a lodging-allowance of £30 per annum.

During 1921 six agricultural bursars attended Lincoln Agricultural College, two completing the second year of the course, and two of the remaining students having previously completed one year at a University college. In addition to these, seven bursars attended a University college, two being in their first year and five in the fourth year of their training. In nearly every case partial success towards the B.Ag. degree was recorded.

The expenditure by the Department on agricultural bursaries for the year 1921 was £1,022.

#### *War Bursaries.*

Regulations made in 1918 provided for the award of bursaries at secondary schools, technical schools, and University colleges to the dependants of killed or disabled members of the New Zealand Expeditionary Forces. By the provisions of these regulations such a dependant who is qualified to receive a University bursary or an educational bursary as described above may receive in addition an allowance of £10 per annum, together with a boarding-allowance of £30 per annum if obliged to live away from home while attending a University college. One bursar, after completing his secondary-school course, continued his bursary at a University college, taking an engineering course.

#### WORKERS' EDUCATIONAL ASSOCIATION.

The Workers' Educational Association, which works in conjunction with the four University colleges, continued its activities in 1921 with satisfactory results. Tutorial and preliminary classes are conducted for working men and women in such subjects as economics, psychology, social and industrial history, English literature, English composition, modern history, electricity, and hygiene; in fact, the association announces its readiness to establish classes in almost any subject for which a sufficient number of students will be forthcoming. Members of the staffs of the University colleges and other highly qualified educationists act as tutors of the classes. Seventy classes and study circles were held in 1921, with a roll number of 2,000. The Government now contributes directly £2,500 per annum to the movement, in addition to which £1,250 paid by the Government out of the National Endowment Fund to the University of New Zealand is devoted to the same object, making a total of £3,750. Voluntary contributions received by the University colleges on account of the association's classes are also subsidized by the Government.

---





## BALANCE-SHEET.—GENERAL ACCOUNT.

<i>Dr.</i>			<i>Cr.</i>		
	£	s. d.		£	s. d.
Balance from 1920 .. ..	8,029	10 6	Payments, 1921, as per list .. ..	24,674	4 4
Receipts, 1921, as per list .. ..	27,824	2 9	Suspense .. ..	27	10 6
			Balance—		
			Bank of New Zealand ..	1,842	0 8
			Less unrepresented		
			cheques ..	583	6 3
				1,258	14 5
			English agent ..	422	19 2
			Post Office Savings-bank ..	7,290	0 8
			Accrued interest ..	110	1 9
			Inscribed stock ..	1,958	2 6
			Due by Ordinary Scholarship		
			Account ..	110	0 0
			Cash in hand ..	1	19 11
				11,151	18 5
				<u>£35,853</u>	<u>13 3</u>
				<u>£35,853</u>	<u>13 3</u>

## BALANCE-SHEET.—ORDINARY SCHOLARSHIP ACCOUNT (INCLUDING INVESTMENTS).

<i>Dr.</i>			<i>Cr.</i>		
	£	s. d.		£	s. d.
Balance from 1920 .. ..	28,774	16 0	Payments, 1921—		
Receipts, 1921—			Scholarships ..	2,984	2 3
Interest .. ..	1,384	7 6	Sundries ..	1	7 6
Transfer from General			Balances—		
Account .. ..	1,500	0 0	Bank of New Zealand	624	4 3
	2,884	7 6	Less unrepresented		
			cheques ..	25	1 6
				599	2 9
			Inscribed stock ..	4,210	7 6
			War-loan certificates ..	575	8 0
			Mortgages ..	19,550	0 0
			Fixed deposits ..	1,000	0 0
			Auckland City loan ..	2,582	8 3
			Post Office Savings-bank ..	366	4 10
			Sundry debtors ..	44	15 0
				28,928	6 4
			Less—Due to Tinline		
			Account—Interest,		
			£30; P.O.S.B., £106		
			14s. 7d.; due to		
			Christie Account—		
			P.O.S.B., £7 18s.:		
			due to General Ac-		
			count, £110 ..	254	12 7
				28,673	13 9
				<u>£31,659</u>	<u>3 6</u>
				<u>£31,659</u>	<u>3 6</u>

## BALANCE-SHEET.—UNIVERSITY NATIONAL SCHOLARSHIP ACCOUNT.

<i>Dr.</i>			<i>Cr.</i>		
	£	s. d.		£	s. d.
Treasury grants .. ..	12,399	0 1	Balance from 1920 .. ..	71	18 11
Taranaki Scholarship .. ..	720	13 0	Payments—		
			University National		
			Scholarship ..	2,310	2 3
			Fees ..	1,233	9 4
			Bursars ..	8,535	12 6
			Taranaki Scholarship ..	720	14 0
			Research ..	193	8 6
			Balance—		
			Bank of New Zealand ..	69	8 1
			Less unrepresented		
			cheques ..	15	0 6
				54	7 7
				<u>£13,119</u>	<u>13 1</u>
				<u>£13,119</u>	<u>13 1</u>

## ENGLISH AGENT IN ACCOUNT WITH THE UNIVERSITY.

<i>Dr.</i>			<i>Cr.</i>		
	£	s. d.		£	s. d.
Balance from 1920 .. ..	2,688	13 5	General payments, 1921 ..	3,355	14 3
Imprest, 1921 .. ..	1,500	0 0	Scholarship payments ..	410	0 0
				3,765	14 3
			Balance in hands of agent ..	422	19 2
				<u>£4,188</u>	<u>13 5</u>
				<u>£4,188</u>	<u>13 5</u>

## BALANCE-SHEET ON ALL ACCOUNTS.

<i>Dr.</i>		<i>£</i>	<i>s.</i>	<i>d.</i>	<i>£</i>	<i>s.</i>	<i>d.</i>	<i>Cr.</i>		<i>£</i>	<i>s.</i>	<i>d.</i>	<i>£</i>	<i>s.</i>	<i>d.</i>	
Balance from 1920 ..	39,728	18	6					Payments, 1921—								
Less overdraft, University National Scholarship ..		71	18	11				General Account ..	24,674	4	4					
		<u>      </u>			39,656	19	7	Suspense Account ..		27	10	6				
Receipts, 1921—								Ordinary Scholarship Account ..	2,985	9	9					
General Account ..	27,824	2	9					John Tinline Scholarship Account ..		60	11	9				
Ordinary Scholarship Account ..	2,884	7	6					Univ. National Scholarship Account ..	12,993	6	7					
John Tinline Scholarship Account ..	87	1	1					Cook Prize Account ..	5	0	0					
University National Scholarship Account ..	13,119	13	1					Arnold Atkinson Prize Account ..		10	0	0				
Macmillan Brown Memorial Prize Account ..	5	0	5									40,756	2	11		
Bowen Prize Account ..	5	11	0					Balances—								
Cook Prize Account ..	5	10	2					General Account ..	11,151	18	5					
Habens Prize Account ..	5	1	0					Ordinary Scholarship Account ..	28,673	13	9					
Von Haast Prize Account ..	11	8	2					John Tinline Scholarship Account ..	1,921	6	9					
Haydon Prize Account ..	3	1	7					Univ. National Scholarship Account ..	54	7	7					
Arnold Atkinson Prize Account ..	5	1	7					Macmillan Brown Prize Account ..	147	1	10					
Christie Prize Account ..	100	0	0					Bowen Prize Account ..	160	13	2					
		<u>      </u>			44,055	18	4		Cook Prize Account ..	141	16	8				
								Habens Prize Account ..	151	0	11					
								Von Haast Prize Account ..	323	1	8					
								Haydon Prize Account ..	11	4	5					
								Arnold Atkinson Prize Account ..	120	9	10					
								Christie Prize Account ..	100	0	0					
												42,956	15	0		
												<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>	
												£83,712	17	11		

## LIST OF INVESTMENTS AND OTHER ASSETS.

<i>General Account—</i>		<i>£</i>	<i>s.</i>	<i>d.</i>	<i>£</i>	<i>s.</i>	<i>d.</i>	<i>Brought forward</i>		<i>£</i>	<i>s.</i>	<i>d.</i>	<i>£</i>	<i>s.</i>	<i>d.</i>		
Bank of New Zealand ..	1,258	14	5					<i>Macmillan Brown Prize Account—</i>		41,801	6	6					
English agent's balance ..	422	19	2					Fixed deposit, 4½ per cent.	135	0	0						
Post Office Savings-bank ..	7,290	0	8					Post Office Savings-bank ..	12	1	10						
Accrued interest ..	110	1	9									147	1	10			
Inscribed stock ..	1,958	2	6					<i>Bowen Prize Account—</i>									
Due by Ordinary Scholarship Account ..	110	0	0					Fixed deposit, 4½ per cent.	140	0	0						
Cash ..	1	19	11					Post Office Savings-bank ..	20	13	2						
		<u>      </u>			11,151	18	5					160	13	2			
<i>Ordinary Scholarship Account—</i>								<i>Cook Prize Account</i>									
Bank of New Zealand ..	599	2	9					Fixed deposit, 4½ per cent.	130	0	0						
Inscribed stock ..	4,210	7	6					Post Office Savings-bank ..	11	16	8						
War-loan certificates ..	575	8	0								141	16	8				
Mortgages ..	19,550	0	0					<i>Habens Prize Account—</i>									
Fixed deposit ..	1,000	0	0					Fixed deposit, 4½ per cent.	135	0	0						
Auckland City loan ..	2,582	8	3					Post Office Savings-bank ..	16	0	11						
Post Office Savings-bank ..	366	4	10								151	0	11				
Sundry debtors ..	44	15	0					<i>Von Haast Prize Account—</i>									
		<u>      </u>			28,928	6	4		Fixed deposit, 4½ per cent.	295	0	0					
Less owing to other accounts ..	254	12	7					Post Office Savings-bank ..	28	1	8						
		<u>      </u>			28,673	13	9				323	1	8				
<i>John Tinline Scholarship Account—</i>								<i>Haydon Prize Account—</i>									
Fixed deposit ..	510	0	0					Post Office Savings-bank ..			11	4	5				
Mortgage ..	1,200	0	0					<i>Arnold Atkinson Memorial Prize Account—</i>									
Post Office Savings-bank ..	106	14	7					Inscribed stock ..	110	0	0						
Due by Ordinary Scholarship Account ..	30	0	0					Post Office Savings-bank ..	10	9	10						
Bank of New Zealand ..	74	12	2							120	9	10					
		<u>      </u>			1,921	6	9		<i>Christie Prize Account—</i>								
<i>University National Scholarship Account—</i>								Inscribed stock ..	92	2	0						
Bank of New Zealand ..								Post Office Savings-bank ..	7	18	0						
												100	0	0			
Carried forward ..												<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>	
												£42,956	15	0			

E. T. NORRIS, Registrar.

Examined and found correct.—G. F. C. CAMPBELL, Controller and Auditor-General.

## B. REPORT OF THE AUCKLAND UNIVERSITY COLLEGE, 1921.

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

*Members of Council.*

Appointed by His Excellency the Governor-General in Council—Hon. G. Fowlds, C.B.E.; 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—J. F. Hosking, Esq.; T. W. Leys, Esq., LL.D.; G. H. Wilson, Esq.

Elected by graduates—Professor A. P. W. Thomas, M.A., F.L.S. (Professor Emeritus); T. U. Wells, Esq., M.A.; H. J. D. Mahon, Esq., B.A.; Kenneth Mackenzie, M.D., M.Ch., F.R.C.S.

Appointed by the Auckland City Council—W. J. Holdsworth, Esq.

Appointed by the Auckland Education Board—E. C. Banks, Esq.

*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., D.Sc., D.I.C., F.C.S. Physics—P. W. Burbidge, M.Sc., B.A. General Biology, Botany, and Zoology—J. C. Johnson, M.A., M.Sc., M.B., B.Ch., Litt.D. History and Economics—J. P. Grossmann, M.A. Law—R. M. Algie, LL.M. Philosophy—W. Anderson, M.A. Music—W. E. Thomas, Mus. Doc.

Lecturers, ten. Assistant lecturers, five. Demonstrators, five.

*Registrar.*—Rev. A. B. Chappell, M.A., F.R.E.S.

REPORT.

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

SIR,—

Auckland University College, 21st June, 1922.

In pursuance of the provisions of the Auckland University College Act, 1882, the Council has the honour to make the following report for the year 1921:—

1. *Number of Students.*—The number of persons who attended lectures in this College in 1921 was 1,000: Graduates, 21 (males 12, females 9); undergraduates, 597 (males 444, females 153); non-matriculated students, 382 (males 196, females 186). The number of students who were exempted from attendance was 63 (males 51, females 12). The total number of students undertaking study during the year was 1,063 (males 703, females 360).

2. *Council.*—Several changes took place in the personnel of the Council during the year. Mr. G. H. Wilson was elected by members of the Legislature to fill the vacancy created by the death of the Hon. J. A. Tole. Mr. W. J. Holdsworth was appointed by the Auckland City Council in place of Mr. J. H. Gunson (Mayor), and Mr. E. C. Banks was appointed by the Auckland Education Board to succeed the Hon. G. J. Garland, M.L.C.

3. *Staff.*—The only changes in the teaching staff during the year were the appointment of Mr. W. S. Wright as Lecturer in Electrical Engineering, and Mr. F. Wright as Tutor in Drawing in the School of Architecture.

4. *Receipts and Expenditure.*—General Account: Receipts, including cash balance of £6,453 16s. 2d. from 1920, amounted to £34,203 13s. 2d.; expenditure, £30,471 19s. 11d.; balance, £3,731 13s. 3d. Included in this expenditure are amounts advanced by the College Council towards the cost of the Arts building. Sinclair - Gillies Scholarships Trust Account: Receipts, including balance of £4,359 5s. 10d. from 1920, £4,567 16s. 9d.; expenditure, £144 15s.; balance, £4,423 1s. 9d. Sinclair Bequest: Receipts, including balance of £38 9s. 4d. from 1920, £40 1s. 8d.; expenditure, nil; balance, £40 1s. 8d.

5. *Degrees and Honours.*—The following University successes were gained by students of the College in connection with the examinations of the year: Doctor of Literature, 1; Master of Arts, 10; Bachelor of Arts (final section), 22; Bachelor of Arts (preliminary section), 72; Master of Science, 4; Bachelor of Science (final section), 7; Bachelor of Science (preliminary section), 23; Bachelor of Laws (final section), 8; Bachelor of Laws (preliminary section), 62; Bachelor of Commerce (final section), 2; Bachelor of Commerce (preliminary section), 8; Bachelor of Science in Architecture (professional examination), 1; Bachelor of Agriculture (preliminary section), 2; Bachelor of Music, 1; Diploma of Education, 1.

6. The Schools of Music, Commerce, Law, Mining Engineering, and Architecture were attended during the year by the following numbers of students: School of Music, 80; School of Commerce, 95; School of Law, 211; School of Mining Engineering, 94; School of Architecture, 23.

7. *Workers' Educational Association.*—Six tutorial classes of the Workers' Educational Association were conducted in the city. Three were studying psychology, one economics, one modern history, and one English literature. Classes in outlying areas had to be discontinued owing to the impossibility of securing competent tutors; changes in the location of Inspectors of the Education Department rendered them unavailable for this work, and no others of adequate status and ability were forthcoming. The Association's other activities—non-tutorial classes, study circles, and public literary lectures—were continued with vigour. During the year a scheme was formulated for the engagement of a tutor-organizer to undertake organizing work throughout the University district and to take tutorial classes in a country area. Applications, returnable early in the following year, were invited for the position.

8. *Arts Building.*—In the course of the year the competition for designs for the Arts Building was completed. The authors of the winning design were Messrs. Lippincott and Billson, architects, of Melbourne, and they were appointed architects for the work. They were given instructions to prepare plans also for a students' building to provide common rooms and adjuncts for student use. Negotiations with the Government proceeded throughout the year, both as to approval of the details of the accepted design and the building grant necessary ere the work could proceed.

I have, &c.,

The Hon. the Minister of Education, Wellington.

GEORGE FOWLDS, Chairman.

STATEMENT OF ACCOUNTS OF AUCKLAND UNIVERSITY COLLEGE.  
RECEIPTS AND PAYMENTS FOR THE YEAR ENDED 31ST DECEMBER, 1921.

<i>Receipts.</i>			<i>Payments.</i>		
	£	s. d.		£	s. d.
Balance, 1st January, 1921 .. ..	6,453	16 2	Science Buildings .. ..	95	3 0
Government grants—			Science Buildings furniture .. ..	51	12 10
Statutory .. ..	13,208	0 5	Arts Buildings .. ..	1,455	0 0
Capitation .. ..	262	6 8	Arts Buildings preliminary expenses .. ..	941	17 8
Engineering equipment .. ..	3,500	0 0	Arts accommodation furniture .. ..	119	19 2
University of New Zealand—National- endowment grant .. ..	853	4 1	Engineering Building .. ..	1,869	8 9
Endowments—			Engineering equipment .. ..	2,845	16 9
Rents .. ..	1,298	19 7	Engineering furniture .. ..	7	15 0
Interest on debentures .. ..	510	0 0	Library .. ..	132	0 0
Interest—			Chemistry apparatus .. ..	62	9 1
Mortgages .. ..	315	1 8	Temporary accommodation .. ..	739	7 2
Debentures .. ..	16	0 0	Premiums .. ..	46	19 1
Post Office Savings-bank .. ..	7	5 7	Salaries .. ..	17,772	11 11
Mortgage repaid .. ..	500	0 0	Printing, advertising, and stationery .. ..	483	8 6
Students' fees .. ..	5,613	0 0	Cleaning, lighting, and heating .. ..	308	19 5
Annual examination entrance fees .. ..	168	2 0	Water and electric power .. ..	106	8 1
Music examination entrance fees .. ..	129	17 6	Insurances .. ..	106	1 7
Sale of calendars, fines, and locker fees .. ..	81	9 3	Lecture requisites .. ..	1,537	10 0
Rent, 22 Princes Street .. ..	102	7 6	Office expenses .. ..	222	11 4
Donations—			Office extra clerical assistance .. ..	119	3 4
Executors of the late Mrs. Wilson .. ..	500	0 0	Telegrams, postages, and exchange .. ..	93	3 2
New Zealand Society of Accountants .. ..	100	0 0	Annual examination expenses .. ..	211	12 6
Workers' Educational Association statu- tory grant .. ..	500	0 0	Music examination expenses .. ..	59	0 6
Architectural competition deposits .. ..	4	2 9	Interest and commission .. ..	3	11 6
Scholarships—			Repairs .. ..	232	8 10
Sir George Grey .. ..	50	0 0	School of Music .. ..	6	10 0
Chamber of Commerce .. ..	30	0 0	Travelling-expenses .. ..	500	11 7
			Fee paid to lecturer .. ..	2	0 0
			Library maintenance .. ..	145	16 0
			Graduation ceremony expenses .. ..	11	19 0
			Rates, &c., 22 Princes Street .. ..	111	4 2
			Scholarships—		
			Sir George Grey .. ..	50	0 0
			Chamber of Commerce .. ..	20	0 0
			Balance, 31st December, 1921—		
			Bank of New Zealand—		
			Imprest Account .. ..	10	1 8
			General Account .. ..	3,721	11 7
	£34,203	13 2		£34,203	13 2

INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST DECEMBER, 1921.

<i>Income.</i>			<i>Expenditure.</i>		
	£	s. d.		£	s. d.
Government grants—			Arts Buildings preliminary expenses .. ..	941	17 8
Statutory .. ..	13,208	0 5	Temporary accommodation .. ..	739	7 2
Capitation .. ..	262	6 8	Premiums .. ..	56	19 1
University of New Zealand—National- endowment grant .. ..	853	4 1	Salaries .. ..	17,772	11 11
Endowments—			Printing .. ..	272	3 0
Rents .. ..	1,482	2 0	Advertising .. ..	138	9 3
Debenture interest .. ..	510	0 0	Stationery .. ..	96	12 3
Interest on invested funds—			Cleaning .. ..	73	14 1
Mortgages .. ..	223	15 2	Lighting .. ..	257	3 1
Debentures .. ..	16	0 0	Water .. ..	39	14 10
Donations and grants—			Electric power .. ..	79	4 5
Workers' Educational Association .. ..	500	0 0	Insurances .. ..	33	17 2
New Zealand Society of Accountants .. ..	100	0 0	Lecture requisites .. ..	1,566	0 11
Executors of late Mrs. Wilson .. ..	500	0 0	Office expenses .. ..	210	6 1
Students' fees .. ..	5,793	10 0	Office special grant .. ..	119	3 4
Sundries—			Audit .. ..	12	12 0
Annual examination fees .. ..	168	2 0	Sundries—		
Music examination fees .. ..	129	17 6	Annual examination expenses .. ..	211	12 6
Sale of calendars .. ..	47	6 0	Music examination expenses .. ..	70	5 6
Fines and locker fees .. ..	34	3 3	Interest and commission .. ..	8	17 5
Hire of rooms .. ..	3	0 0	Graduation ceremony .. ..	11	19 0
Rent, 22 Princes Street .. ..	178	1 6	Library maintenance .. ..	145	16 0
Subsidy .. ..	100	0 0	Repairs .. ..	241	16 10
Scholarships—			School of Music .. ..	6	10 0
Sir George Grey .. ..	50	0 0	Telegrams, postages, and exchange .. ..	94	5 9
Chamber of Commerce .. ..	20	0 0	Travelling-expenses .. ..	505	11 2
Excess of expenditure over income carried to balance-sheet .. ..	1,476	2 11	Fees paid to lecturer .. ..	2	0 0
			Rates, 22 Princess Street .. ..	99	12 11
			Scholarships—		
			Sir George Grey .. ..	50	0 0
			Chamber of Commerce .. ..	20	0 0
			Depreciation—		
			Arts accommodation furniture (12½ per cent.) .. ..	72	14 10
			Engineering Building furniture (12½ per cent.) .. ..	13	9 4
			Science Building furniture (12½ per cent.) .. ..	98	3 11
			Science Building (2½ per cent.) .. ..	764	19 6
			Engineering Building (5 per cent.) .. ..	156	11 7
			Engineering equipment (10 per cent.) .. ..	415	5 8
			Library (7½ per cent.) .. ..	256	3 4
	£25,655	11 6		£25,655	11 6

## BALANCE-SHEET AS AT 31ST DECEMBER, 1921.

<i>Assets.</i>			<i>Liabilities.</i>		
Cash in Bank of New Zealand—	£	s. d.	Sundry creditors—	£	s. d.
Imprest Account .. .. .	10	1 8	Rents paid in advance .. .. .	8	8 9
General Account .. .. .	3,721	11 7	Architectural competition deposits .. .. .	42	0 0
Sundry debtors—			Trade creditors .. .. .	130	1 6
Rents in arrear .. .. .	389	17 9	Chamber of Commerce Scholarship, un-		
Mortgage interest in arrear .. .. .	655	3 11	expended .. .. .	10	0 0
Students' fees .. .. .	193	10 0	Endowment sales .. .. .	10,246	0 0
Subsidy due .. .. .	100	0 0	Accumulated funds, 1st	£	s. d.
Mortgage investments .. .. .	3,525	0 0	January, 1921 .. .. .	140,792	14 11
Auckland City Council debentures .. .. .	400	0 0	Plus grants, &c. .. .. .	3,517	6 6
Furniture—	£	s. d.			
Science Building .. .. .	785	11 1		144,310	1 5
Less depreciation .. .. .	98	3 11	Loss excess of ex-		
			penditure over		
		687	income .. .. .	1,476	2 11
Arts accommodation .. .. .	581	18 8			142,833
Less depreciation .. .. .	72	14 10			18 6
		509			
Engineering Building .. .. .	107	15 0			
Less depreciation .. .. .	13	9 4			
		94			
Buildings and equipment—					
Science Building .. .. .	30,599	1 2			
Less depreciation .. .. .	764	19 6			
		29,834			
Engineering Building .. .. .	3,131	12 2			
Less depreciation .. .. .	156	11 7			
		2,975			
Arts Building .. .. .					
Engineering equipment .. .. .	4,152	16 9			
Less depreciation .. .. .	415	5 8			
		3,737			
Library .. .. .	3,415	12 5			
Less depreciation .. .. .	256	3 4			
		3,159			
Chemistry apparatus .. .. .					
		62			
Properties—					
Princes Street leasehold .. .. .	4,700	0 0			
Science Building site .. .. .	5,920	0 0			
Arts Building site .. .. .	19,500	0 0			
Endowment lands .. .. .	61,311	0 0			
Endowment sales investments—					
Auckland City Council debentures .. .. .	10,200	0 0			
War-loan certificates .. .. .	46	0 0			
Unexpired insurances .. .. .	72	4 5			
Rates, 22 Princes Street, paid in advance .. .. .	11	11 3			
	£153,270	8 9		£153,270	8 9

A. B. CHAPPELL, M.A., Registrar.

## C. REPORT OF THE VICTORIA UNIVERSITY COLLEGE COUNCIL.

(The Victoria College Act, 1905.)

*Visitor.*—The Hon. the Minister of Education.*Members of Council.**Chairman.*—P. Levi, Esq., M.A.

Appointed by Governor-General in Council—A. R. Atkinson, Esq., B.A., and Sir Robert Stout, K.C.M.G.

Elected by Court of Convocation—C. Watson, Esq., B.A.; W. H. Morton, Esq., M.Inst.C.E.; C. H. Taylor, Esq., M.A., LL.B.; and P. Levi, Esq., M.A.

Elected by teachers in primary schools—H. A. Parkinson, Esq., M.A., and F. H. Bakewell, Esq., M.A.

Elected by members of Education Boards—F. W. O. Smith, Esq., and R. McCallum, Esq., M.P.

Appointed by Wellington City Council—M. F. Luckie, Esq.

Elected by teachers in secondary schools and technical high schools—E. K. Lomas, Esq., M.A., M.Sc.

Elected by governing bodies of secondary schools—T. Forsyth, Esq.

Elected by the Professorial Board—E. Marsden, Esq., M.C., D.Sc., F.N.Z.Inst., and J. Adamson, Esq., M.A., LL.B.

*Staff.*

Chairman of Professorial Board—E. Marsden, M.C., D.Sc., F.N.Z.Inst.

Emeritus Professor of Chemistry—T. H. Easterfield, M.A., Ph.D.

Professors.—Classics—J. Rankine Brown, M.A. English—H. Mackenzie, M.A. Modern Languages—E. J. Boyd-Wilson, M.A., B.Sc. (Dean of Faculty of Arts). Philosophy—T. A. Hunter, M.A., M.Sc. History—F. P. Wilson, M.A., F.R.E.S. Economics—B. E. Murphy, M.A., LL.B., B.Com. Education—J. S. Tennant, M.A., M.Sc. Mathematics—D. M. Y. Sommerville, M.A., D.Sc., F.R.S.E., F.N.Z.Inst. Biology—H. B. Kirk, M.A., F.N.Z.Inst. Physics—E. Marsden, M.C., D.Sc., F.N.Z.Inst. Chemistry—P. W. Robertson, M.A., M.Sc., Ph.D. Geology—C. A. Cotton, D.Sc., A.O.S.M., F.G.S. (Dean of Science Faculty), F.N.Z.Inst. Law—J. Adamson, M.A., LL.B. (Dean of Faculty of Law). Law—J. M. E. Garrow, B.A., LL.B.

Also lecturers and assistants.

Registrar—G. G. S. Robison, M.A.

Librarian—B. H. Ward, B.A.

## REPORT (ABRIDGED).

SIR,—

Victoria University College, 14th June, 1922.

Pursuant to section 44 of the Victoria College Act, 1905, the Council presents the following report for the year 1921-22:—

This College has to record another very successful year of work. The large increase in the number of students attending the College, which has been a feature of recent years, was maintained during the session of 1921. The total number of students in attendance during the session advanced from 680 to 742. The increased demand for higher education is a post-war phenomenon which exists in many countries, and apparently in all English-speaking communities. It is impossible to foresee whether the demand will continue to increase or whether there will eventually occur a decline in the number of students. The various departments of the College work have continued to be vigorously carried on throughout the year.

*Numbers of Students.*—The following table gives the numbers of students attending classes during the last three years:—

Year.	In Attendance at Lectures.			Exempted Students.		
	Men.	Women	Total.	Men.	Women.	Total.
1919 .. .. .	302	233	535	20	11	31
1920 .. .. .	394	286	680	39	19	58
1921 .. .. .	478	264	742	49	19	68

Two junior University scholars, four University National scholars, and fifty-three University bursars began their studies at this University College.

*University Degrees and Scholarships.*—In the University examinations held in November, 1921, 219 students passed sections of their Bachelor's degrees; 29 obtained their Bachelor's degree in arts, 9 in science, 17 in law, 3 in commerce, and 1 in agriculture. At the same examinations 18 students obtained their Master's degree—In arts, 13 (second-class honours, 5); in science, 2 (first-class honours, 2); in law, 3 (first-class honours, 1; third-class honours, 1). The following scholarships and prizes were awarded to students of this University College: Senior University Scholarships (8); Rhodes Scholarship (1); French Travelling Scholarship (1); free passages (3); Haben's Prize (1). It will be noted that students of the College have been particularly successful as regards scholarships and degrees. Out of eighteen senior scholarships awarded throughout the Dominion, students of this College have been awarded seven.

*Buildings.*—The contracts for the erection of the two new wings of the College have been practically completed, and the additional accommodation is being occupied for the 1922 session. Both contracts have been carried out in a satisfactory manner, and very important additions have thereby been made to the accommodation of the College. The main feature of the north wing addition is the provision of a very fine library hall. The south wing will accommodate the departments of physics and geology. The equipment for the teaching of physics and for physical research is most efficient, and compares more than favourably with any other similar provision in New Zealand. From an architectural point of view the new works complete the construction of the main building, which now presents a strikingly handsome appearance. The additional accommodation provided was urgently required, and there is still need for a larger lecture-room than any of those available. The largest room will accommodate a maximum of 150 students, whilst some of the classes during the session of 1921 were larger than this number. The completion of the large lecture-room on the top floor of the south wing, which was not included in the contract, will soon be an urgent necessity.

*Library.*—Several gifts of books have been made to the College, and upon these Government subsidies have been paid. Arrangement has been made for the College to house the library of the New Zealand Institute, and with this addition the library will, in most scientific subjects, be the best in New Zealand.

*Special Schools.*—The question of providing special schools for this University College has not yet been settled. The proposed Schools of Forestry and Agriculture have not yet been allocated. The Council again suggests that a School of Agriculture can be appropriately founded in the College, and points out that with the co-operation of the expert staff of the Government Agricultural Department and the experimental farms at Weraroa and Wallaceville important work could be done at Victoria University College which would be of great value to the whole Dominion.

*Day Classes.*—The Council have had under consideration the question of establishing classes in the daytime for those students who are prepared to give the whole of their time to University work. With the present arrangement of night classes only, full-time students may be said to be actually discouraged. As some additional expense would be occasioned by any change in this direction, the Council did not see its way to make any change at present. It looks forward, however, to provision being made in this direction so that due encouragement may be given to students to give the whole of their time and attention to their course at the College.

*Hostels.*—The proper accommodation of students who have left their homes for educational purposes in Wellington is still an unsolved problem. The foundation of one or more residential colleges connected with this University College is becoming each year a more urgent need, and is essential to the proper development of the work of the College. The country student coming to Wellington is faced with difficulties and inconveniences which should not exist.

*Education.*—The position of the Department of Education in the College has this year become acute. The provision of advanced and honours courses, and of a diploma of Education, has entailed an enormous amount of extra work, and the Council has therefore made a temporary arrangement with the Education Department providing for assistance to Professor Tennant. The Council, however, is strongly of opinion that a new departure should be made next year, and that a professor should be appointed who, while still co-operating with the Training College, would be able to give his whole time to the University work. This change will, of course, involve additional financial aid from the Government, and it is hoped that the Department may be able to see its way to grant this in time for an appointment to be made next year.

*Workers' Educational Association.*—Good work continues to be done by this association within the College district. The question of finance, as hitherto, continues somewhat to retard the good work, and it is again suggested that the Government grant should be distributed with some regard to the size and population of the district covered and the work actually done.

P. LEVI,

Chairman of Victoria University College Council.

The Hon. the Minister of Education, Wellington.

STATEMENT OF ACCOUNTS OF VICTORIA UNIVERSITY COLLEGE.

STATEMENT OF REVENUE AND EXPENDITURE FOR THE YEAR ENDED 31ST MARCH, 1922.

<i>Revenue.</i>			<i>Expenditure.</i>		
	£	s. d.		£	s. d.
Balance brought forward .. ..	9,367	19 0	Salaries, staff .. ..	15,753	1 8
Government grant .. ..	11,500	0 0	Salaries, caretaker and assistants .. ..	765	12 0
Government grant, Workers' Educational Association classes .. ..	500	0 0	Office salaries and expenses .. ..	1,256	16 5
Rent, reserves .. ..	44	10 0	Printing and stationery .. ..	273	17 8
Fees .. ..	6,442	4 11	Advertising .. ..	38	7 6
Convocation grant, New Zealand University .. ..	15	15 0	Library books .. ..	1,228	15 10
Tutorial classes, New Zealand University .. ..	300	0 0	Legal expenses .. ..	54	4 7
Government grant, national endowment .. ..	1,708	0 5	Contingencies .. ..	186	9 5
Sale of calendars .. ..	8	18 0	Calendars .. ..	155	2 6
Interest .. ..	307	14 0	Grounds .. ..	6	17 6
Government grants, buildings .. ..	21,700	0 0	Lighting .. ..	397	10 5
Examination fees .. ..	258	6 0	Maintenance .. ..	232	19 7
Book department sales .. ..	419	16 1	Chemicals and apparatus .. ..	1,318	0 9
Grant, Students' Association .. ..	15	0 0	Examination expenses .. ..	90	19 7
Anonymous donation, physics .. ..	150	0 0	College buildings .. ..	21,450	0 0
New Zealand Pharmacy Board—Chemical laboratory .. ..	21	5 0	Tutorial classes (Workers' Educational Association) .. ..	1,425	14 10
Grants, women's common room .. ..	15	8 3	Fees refunded .. ..	55	11 8
Government subsidy—T. G. Macarthy Fund .. ..	250	0 0	Court of Convocation .. ..	15	15 0
Workers' Educational Association classes—			Heating .. ..	172	3 6
Grant, Wellington .. ..	350	0 0	Book department .. ..	229	3 2
Grant, Palmerston North class .. ..	36	0 0	Furniture and fittings .. ..	414	4 10
Grant, Shannon class .. ..	15	0 0	Water .. ..	13	13 9
Grant, Feilding class .. ..	5	0 0	Women's common room .. ..	103	10 6
Government subsidy .. ..	370	0 0	Travelling-expenses .. ..	37	12 6
Sir George Grey Scholarship .. ..	50	0 0	Expenditure, Anonymous Donation Account .. ..	20	6 5
			Insurance .. ..	195	14 7
			Sir George Grey Scholarship .. ..	50	0 0
			Balance, 31st March, 1922—		
			Bank of New Zealand, fixed deposit .. ..	1,000	0 0
			Post Office Savings-bank .. ..	6,686	14 0
			Balance at Bank of New Zealand .. ..	£	s. d.
			land .. ..	1,332	13 0
			Less—Unpresented cheques, £37 13s. 4d.; library deposits, £16 16s.; S. A. Rhodes, interest, £202 5s.; School of Economics Account, £822 8s. 11d.; T. G. Macarthy Account, £30 10s. 3d.; Memorial Window Account, £1 3s. .. ..	1,110	16 6
				221	16 6
				£53,850	16 8

S. A. RHODES BEQUEST ACCOUNT.

<i>Receipts.</i>			<i>Expenditure.</i>		
	£	s. d.		£	s. d.
Balance brought forward .. ..	11,693	11 6	Balance, 31st March, 1922—		
Government subsidy .. ..	500	0 0	Fixed deposit, Bank of New Zealand .. ..	2,000	0 0
Interest .. ..	604	14 6	Wellington City debentures .. ..	5,900	0 0
Dividend debentures, Paparoa Coal-mining Company (in liquidation) .. ..	22	0 0	Soldiers' loan at cost .. ..	4,355	10 0
			Post Office Savings-bank—Trust Account .. ..	362	11 0
			In Bank of New Zealand, current account .. ..	202	5 0
				£12,820	6 0
				£12,820	6 0

SCHOOL OF ECONOMICS FUND.

<i>Receipts.</i>		£	s.	d.	<i>Expenditure.</i>		£	s.	d.
Balance brought forward	..	3,482	4	10	Balance, 31st March, 1922—				
Interest	..	187	0	0	Wellington City debentures	..	3,400	0	0
National endowment, New Zealand University	..	553	4	1	In Bank of New Zealand, current account		822	8	11
		<u>£4,222</u>	<u>8</u>	<u>11</u>			<u>£4,222</u>	<u>8</u>	<u>11</u>

T. G. MACARTHY FUND.

<i>Receipts.</i>		£	s.	d.	<i>Expenditure.</i>		£	s.	d.
Balance brought forward	..	503	0	3	Balance, 31st March, 1922—				
Interest	..	27	10	0	Wellington City debentures	..	500	0	0
		<u>£530</u>	<u>10</u>	<u>3</u>	In Bank of New Zealand, current account		30	10	3
							<u>£530</u>	<u>10</u>	<u>3</u>

G. G. S. ROBISON, Registrar.

D. REPORT OF THE CANTERBURY COLLEGE, 1921.  
(The Canterbury College and Canterbury Agricultural College Act, 1896.)

*Visitor.*—The Minister of Education.

*Board of Governors* (H. D. Acland, Esq., B.A., Chairman).

Appointed by His Excellency the Governor-General—Leonard Monk Isitt, Esq., M.P., and the Rev. Samuel Lawry.

Elected by members of the Legislature—Jonathan C. Adams, Esq., B.A.; J. J. Dougall, Esq.; and Colonel George J. Smith, C.B.E., M.L.C.

Elected by graduates—Very Rev. Dean Harper, M.A.; William Brock, Esq., M.A.; Dr. George Mackenzie Lester, M.R.C.S., M.R.C.T., M.A.; Arthur Edward S. Flower, Esq., M.A., M.Sc.; J. R. Cunningham, Esq., LL.B.; and G. T. Weston, Esq., B.A., LL.B.

Elected by public-school teachers—Thomas Hughes, Esq., B.A.; Christopher T. Aschman, Esq.; and Lawrence Berry Wood, Esq., M.A.

Elected by School Committees—Charles H. A. T. Opie, Esq.; Henry D. Acland, Esq., B.A.; and Hugh Boyd, Esq.

Elected by Professorial Board—Andrew Fairbairn, Esq.

*Registrar.*—L. A. Stringer, Esq.

*Staff.*

*Professors.*—Classics—H. Stewart, C.M.G., 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., &c. Biology—Charles Chilton, M.A., D.Sc., M.B., &c. History—James Hight, M.A., Litt.D., F.R.E.S. Physics—C. C. Farr, D.Sc., A.M.I.C.E. Mental and Moral Philosophy—C. F. Salmon, M.A. (N.Z.). Economics—J. B. Condliffe, M.A. Education—James Shelley, M.A. Geology—A. Speight, M.A., M.Sc., F.G.S.

Also lecturers, assistants, and demonstrators.

EXTRACT FROM THE ANNUAL STATEMENT OF THE CHAIRMAN OF THE BOARD OF GOVERNORS.

*Finance.*—The total revenue on Maintenance Accounts, from all sources, shows a decrease of £2,040 on the previous year. The figures for 1921 are £80,851, and for 1920 £82,891. The difference is more than accounted for in outstanding rents at the close of the year, a large proportion of which have since been received. The total payments on all accounts amounted to £77,680, being £222 more than the year 1920. The income exceeded payments by £3,171. Government subsidies, grants, and capitation, included in the above revenue, amounted to £30,744. Other Government grants were £3,950 for buildings and sites, and £1,708 from the national endowment, making a total sum of £36,402 received from the Government.

The revenue on the College Maintenance Account was £30,025, and the payments £31,821. The payments were £1,796 more than the income, but the difference was more than covered by outstanding rents at the close of the year. The revenue was £571 less than the previous year, and payments were £4,575 more than the previous year. The increase in payments is accounted for largely by an aggregate increase of salaries amounting to £3,280. The rent received from the College endowments was £12,206, and other items of revenue were—fees, £5,447; Government grants, £3,046; national endowment, £2,561; and boarding fees, £4,343. The larger items of expenditure were—salaries, £18,591; interest, £1,363; College library, £881; Workers' Educational Association, £350; contribution to School of Engineering, £614; and hostels, £5,006, including £756 for furniture, &c. The College Buildings and Sites Account was reduced by £1,197, the total debit at the close of the year being £14,912.

The total revenue of the School of Engineering was £9,986, and the total payments were £8,430. Revenue showed an increase on the previous year of £2,509, and payments an increase of £1,900. Government grants and capitation amounted to £5,945. Fees were £2,274, and appropriations from endowments £1,614. Salaries, £6,297, are the main items of expenditure; £500 was transferred to the Replacement and Contingencies Fund, which now amounts to £1,564. Payments on account of the new building amounted to £659.



*College.*—During the year the Board decided, in pursuance of the provision of the Canterbury College Empowering Act, 1908, to appoint a Rector of the College. Dr. Charles Chilton, Professor of Biology, was offered and accepted the position. A Chair of Geology was also established; Mr. Speight, M.A., M.Sc., &c., who has been Lecturer in Geology since 1903, was offered and accepted the professorship. Excluding the School of Engineering, there were at the end of 1921 twelve professors, five lecturers, and sixteen assistant lecturers or demonstrators on the College staff. The number of students decreased during the year from 761 to 594. The number of matriculated students fell from 490 to 427. The number of matriculated men students fell from 329 to 328, and the number of women students from 161 to 99.

Both the men's and women's hostels have been full, and several applicants had to be refused admission. Our College should endeavour to educate the adult population by means of courses in any subject for which there are sufficient students offering. This, however, can only be done by liberal benefaction to the College funds. The teaching of agricultural science in New Zealand ought to have its headquarters at Christchurch, which is the admitted agricultural centre of New Zealand. Next year the College will complete its jubilee, and means are being taken to properly commemorate this historic event. A Lecturer on Forestry has been appointed.

New Zealand is only just beginning to develop its higher education. Up to the present time the functions of the University College have been mainly an advanced type of school for training young men and women. This view of a University is, however, likely to be completely changed in the course of the next few years. College training should be merely an incident in the modern University. A University should seek after knowledge and truth in any form. People, whether adults or youths, seeking after knowledge should be able to satisfy their desire for learning at the modern University, which, like that of the Middle Ages, should be a place for learning as well as a place of education. If this view is accepted it means that the University must be continually expanding and progressing. This means that the University must bear continually increasing financial burdens. The education vote has increased enormously in the last few years in New Zealand, and many people are suggesting that there must be a reduction in expenditure on education. Yet the increase on the education vote in New Zealand is not so great proportionately as that of England. Other countries are spending vast sums on education, and if New Zealand is to compete with them it must see that its system of higher education and learning is at least as good as that of its competitors.

*Workers' Educational Association.*—This association has expanded during the year. The classes and circles have risen from twelve to twenty-two. New subjects have been taken, such as biology, music, and industrial psychology, and a full-time tutor was appointed on the West Coast. A summer school was held at Little River at Christmas-time, and 100 students attended—some coming from Whangarei and Invercargill. The difficulty this work has to contend with is the lack of suitable instructors, and the only permanent solution is the appointment of full-time tutors. During the year the Senate appointed a committee to inquire into and report on the work of the Workers' Educational Association throughout the country. The report demonstrated the good work of the movement, and showed to the public the numerous activities which are being undertaken to bring higher education within reach of the masses. The Workers' Educational Association movement has created a great interest in education and in social problems affecting the welfare of the people.

*School of Engineering.*—Additional buildings are in course of erection for the School of Engineering, but, owing to the great increase in the cost of building, the erection of the new Boys' High School at Riccarton has been postponed, and as a result the Engineering School will not at present be able to take over the existing High School buildings. During the year 297 students attended lectures in engineering, and of this number 124 were matriculated, being an increase of thirteen on the previous year. Professor Scott, Director of the School, intimated at the end of the year his intention of retiring from the service of the Board. He has been granted a year's leave of absence, and Mr. Powell is carrying out the duties of Director of the School during the period of Professor Scott's leave. The Board has decided to establish a Faculty of Engineering. Under the direction of Professor Scott the School of Engineering has grown to be one of the recognized training-schools in the British Empire, and his name will always be associated with the school as its real founder.

*University Examination Results, 1921.*—Faculty of Arts: Degree of Litt.D., 1; degree of M.A., with honours—languages and literature 3, economics 1, philosophy 1, botany 1, history 4; degree of M.A.—languages and literature 1, history 2, economics 1, botany 1; degree of B.A., 26; B.A. (section), 67. Faculty of Science: Degree of D.Sc., 1; degree of M.Sc., with honours—physics 1, botany 1; degree of B.Sc., 4; B.Sc. (section), 7; degree of LL.B., 6; LL.B. (section), 13; degree of B.Com., 1; B.Com. (section), 8; degree of B.Ag., 1; B.Ag. (section), 6. Diploma in Journalism (section), 5. Diploma in Education, 1. Faculty of Engineering: Entrance, 15; First Professional, 19; Second Professional, 10; Third Professional, 6.



## COLLEGE HEATING, LIGHTING, AND POWER INSTALLATION ACCOUNT.

<i>Dr.</i>	£ s. d.	<i>Cr.</i>	£ s. d.
College Maintenance Account—Transfer of interest .. .. .	48 11 11	Balance, 1st January, 1921 .. .. .	711 11 7
Balance, 31st December, 1921 .. .. .	776 2 1	Installation of lantern transformers, lamps, &c. .. .. .	64 10 6
	<u>£824 14 0</u>	Interest .. .. .	48 11 11
			<u>£824 14 0</u>

## COLLEGE BUILDINGS (ADDITIONS) SPECIAL LOAN ACCOUNT.

<i>Dr.</i>	£ s. d.	<i>Cr.</i>	£ s. d.
College Maintenance Account—Transfer of interest .. .. .	488 4 6	Balance, 1st January, 1921 .. .. .	7,413 19 11
Balance, 31st December, 1921 .. .. .	7,413 19 11	Interest .. .. .	488 4 6
	<u>£7,902 4 5</u>		<u>£7,902 4 5</u>

## SCHOOL OF ENGINEERING AND TECHNICAL SCIENCE MAINTENANCE ACCOUNT.

<i>Receipts.</i>		£ s. d.	<i>Payments.</i>		£ s. d.
Balance, 1st January, 1921 .. .. .		1,077 18 10	Salaries .. .. .		6,296 11 9
Students' fees .. .. .		2,273 18 3	General expenses—		
Fines .. .. .		3 16 0	Insurance .. .. .		60 15 1
Testing fees (share of) .. .. .		67 7 9	Heating, lighting, and power .. .. .		243 8 2
Fees for certificate of associate .. .. .		1 1 0	Printing and stationery .. .. .		128 10 5
Government grants—			Advertising .. .. .		85 4 9
Statutory grant .. .. .		2,000 0 0	Laboratory stores .. .. .		36 1 10
Statutory grant—Specialization .. .. .		1,750 0 0	Apparatus for civil engineering and surveying .. .. .		205 16 5
Capitation for technical instruction .. .. .		1,731 2 0	Experimental work apparatus .. .. .		413 15 4
Grant for apparatus, &c. .. .. .		371 19 6	Stores and chemicals (electrical engineering) .. .. .		14 12 0
Grant for material .. .. .		92 1 6	Upkeep of plant, repairs to machinery .. .. .		90 13 2
Contributions—			Sundries .. .. .		32 14 9
From Museum, Library, and School of Technical Science endowment .. .. .		1,000 0 0	Special grant for apparatus .. .. .		396 13 4
From superior education reserves .. .. .		613 10 0	Passage-money of demonstrator .. .. .		35 0 0
Interest—			Contributions—		
Maintenance Account— <i>Cr.</i> .. .. .	103 16 7		Share of administration expenses .. .. .		264 16 10
Building Account, <i>Dr.</i> , £6 15s. 8d.; Special Apparatus Account, <i>Dr.</i> , £15 10s. 8d. .. .. .	<u>22 6 4</u>	81 10 3	Towards salary of assistant in mathematics .. .. .		20 0 0
			Exhibitions .. .. .		80 0 0
		<u>£11,064 5 1</u>	General Electric Company Scholarship .. .. .		25 9 9
			Replacement and Contingencies Sinking Fund allocation .. .. .		500 0 0
			Balance, 31st December, 1921 .. .. .		<u>2,134 1 6</u>
					<u>£11,064 5 1</u>

## SCHOOL OF ENGINEERING SPECIAL APPARATUS ACCOUNT.

<i>Dr.</i>	£ s. d.	<i>Cr.</i>	£ s. d.
Government grant (on account of £10,000) .. .. .	333 8 11	Apparatus .. .. .	333 8 11
Maintenance Account—Transfer of interest .. .. .	15 10 8	Interest .. .. .	15 10 8
	<u>£348 19 7</u>		<u>£348 19 7</u>

## SCHOOL OF ENGINEERING REPLACEMENT AND CONTINGENCIES SINKING FUND.

<i>Dr.</i>	£ s. d.	<i>Cr.</i>	£ s. d.
Balance, 1st January, 1921 .. .. .	1,000 0 0	Balance, 31st December, 1921 .. .. .	1,564 4 3
Interest .. .. .	64 4 3		
Maintenance Account allocation .. .. .	500 0 0		
	<u>£1,564 4 3</u>		<u>£1,564 4 3</u>

## SCHOOL OF ENGINEERING BUILDING ACCOUNT.

<i>Dr.</i>	£ s. d.	<i>Cr.</i>	£ s. d.
Maintenance Account—Transfer of interest .. .. .	6 15 8	Alterations to electric wiring necessitated by additions .. .. .	36 1 11
Balance, 31st December, 1921 .. .. .	658 17 11	Architect's commission .. .. .	600 16 0
	<u>£665 13 7</u>	Salary of clerk of works .. .. .	22 0 0
		Interest .. .. .	6 15 8
			<u>£665 13 7</u>

## GENERAL BALANCE-SHEET AS AT 31ST DECEMBER, 1921.

<i>Liabilities.</i>		<i>Assets.</i>	
	£	s.	d.
Capital Account—			
College .. .. .	277,463	2	11
Boys' High School .. .. .	125,888	8	9
Girls' High School .. .. .	9,520	18	0
Medical School reserves .. .. .	28,403	11	5
Museum, Library, and School of Technical Science .. .. .	127,956	15	5
General—			
Workers' Educational Association Account .. .. .	242	12	10
School of Engineering and Technical Science Maintenance Account .. .. .	2,134	1	6
School of Engineering Replacement and Contingencies Sinking Fund .. .. .	1,564	4	3
School of Art Maintenance Account .. .. .	98	19	4
School of Art Buildings Sinking Fund .. .. .	1,500	0	0
Museum Guide-book Sinking Fund .. .. .	182	12	6
Museum Collections Sinking Fund .. .. .	324	15	1
Museum Buildings Sinking Fund .. .. .	3,107	10	7
Public Library Maintenance Account .. .. .	587	0	6
Public Library Postle Bequest (Capital) Account .. .. .	1,666	8	6
Public Library Buildings Sinking Fund .. .. .	2,324	17	9
Technical and Commercial Library Account .. .. .	165	16	0
Joseph Haydon Prize Fund .. .. .	294	17	7
Charles Cook Memorial Scholarship Fund .. .. .	1,176	7	10
Robert Bell Scholarship Fund .. .. .	2,170	19	0
Helen Macmillan Brown Bursaries .. .. .	2,108	17	7
John Connal Scholarship Fund .. .. .	1,113	2	7
Thomas Miller Prize Fund .. .. .	101	7	2
Oliver Garsia Essay Prize Fund .. .. .	26	9	0
Emily S. Foster Memorial Fund (Trust Account) .. .. .	76	17	10
Helen Macmillan Brown Memorial Fund (Trust Account) .. .. .	96	16	3
May Campbell Anderson Memorial Prize (Trust Account) .. .. .	104	9	11
Rosa Sawtell Prize Fund .. .. .	100	10	2
Bank of New South Wales—			
No. 2 Account, Dr... .. .	18,000	0	0
Less General Account .. .. .			
Cr. .. .. .	17,488	4	5
	511	15	7
Plus outstanding cheques.. .. .	117	7	6
	629	3	1
	<u>£591,131</u>	<u>13</u>	<u>4</u>
Endowments—			
College—			
Classical School reserves .. .. .	189,498	0	0
Chemistry and physics .. .. .	10,070	0	0
Superior education .. .. .	95,380	0	0
	£	s.	d.
Boys' High School .. .. .	146,512	0	0
Less mortgaged .. .. .	13,000	0	0
	133,512	0	0
Girls' High School .. .. .	11,535	0	0
Medical School reserves .. .. .	29,485	0	0
Museum, Library, and School of Technical Science .. .. .	114,525	0	0
General—			
School of Engineering Buildings Account .. .. .	658	17	11
Museum Maintenance Account .. .. .	17	15	5
Investments in debentures—			
General .. .. .	6,000	0	0
Memorial prizes.. .. .	450	0	0
	<u>£591,131</u>	<u>13</u>	<u>4</u>

## EDUCATIONAL ASSETS UNDER THE CONTROL OF THE BOARD.

	Government Valuation as at 31st March, 1921. £
College (including School of Engineering) .. .. .	117,555*
Boys' High School .. .. .	49,050
Girls' High School .. .. .	27,435†
School of Art .. .. .	10,680
Museum .. .. .	11,125
Public Library .. .. .	14,200‡
	<u>£230,045</u>

\* Subject to first mortgage, £2,695.

† Subject to first mortgage, £5,149.

‡ Subject to first mortgage, £3,000.

L. A. STRINGER, Registrar.  
EDWARD EVANS, Accountant.

## E. REPORT OF THE UNIVERSITY OF OTAGO, 1921.

(The University of Otago Ordinance, 1869.)

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

Appointed by His Excellency the Governor-General in Council—Hon. Sir J. Allen, M.A., K.C.B.; G. R. Ritchie, Esq., J.P.; James Fitzgerald, Esq., B.A., M.B., &c.

Elected by graduates—Rev. A. Cameron, B.A. (Chancellor); T. K. Sidey, Esq., B.A., LL.B., M.P. (Vice-Chancellor); Rev. Professor W. Hewitson, B.A.; W. M. Macdonald, C.B.E., B.Sc., M.D., &c.

Elected by the professors—W. B. Benham, Esq., D.Sc., M.A., F.R.S.; Henry Lindo Ferguson, C.M.G., M.A., M.D., &c.

Elected to represent Otago Hospital Board, J. W. Scurr, Esq.; elected by teachers in primary schools, W. Eudey, Esq.; elected by the Otago Education Board, P. McKinlay, Esq., M.A.; elected by High School Boards, J. C. Stephens, Esq.; elected by the Southland Education Board, J. C. Thomson, Esq.; elected by School Committees, L. D. Ritchie, Esq.; elected by teachers of secondary schools, W. J. Morrell, Esq., M.A., Oxon.; elected by Dunedin City Council, James H. Walker, Esq.

*Staff.*

*Professors.*—Biology—W. B. Benham, M.A., D.Sc., F.R.S.; English—Herbert Ramsay, M.A.; Physiology—J. Malcolm, M.D.; Mining—James Park, M.Am.Inst.M.E., &c.; Dentistry—H. P. Pickerill, M.D., M.D.S., &c. (Clinical Dentistry)—R. C. Bell, B.D.S.; Metallurgy and Assaying—D. B. Waters, A.O.S.M.; Chemistry—J. K. H. Inglis, M.A., D.Sc.; Home Science—Gertrude H. Rawson; Domestic Arts—Ann G. Strong, B.Sc.; Physics—R. Jack, M.A., D.Sc.; Mental and Moral Philosophy—F. W. Dunlop, M.A., Ph.D.; Anatomy—W. P. Gowland, M.D., B.Sc.; Pathology—A. M. Drennan, M.B., Ch.B.; Classics—T. D. Adams, M.A.; Modern Languages—G. E. Thompson, M.A.; Mathematics—R. J. T. Bell, M.A., D.Sc., F.R.S.E.; Geology and Mineralogy—W. N. Benson, D.Sc., F.G.S.; Surgery—L. E. Barnett, M.B., F.R.C.S.; Systematic Medicine—D. W. C. Jones, M.A., M.D., F.R.C.P.; Ophthalmology—H. L. Ferguson, M.A., M.D., F.R.C.S.I.; Economics—W. H. Pringle, M.A., LL.B.; History—J. R. Elder, M.A., D.Litt.; Clinical Medicine and Therapeutics—F. W. B. Fitchett, M.D., C.M. Also lecturers, demonstrators, and assistants.

*Registrar.*—H. Chapman, Esq., B.A.

## THE CHANCELLOR OF THE UNIVERSITY OF OTAGO TO HIS EXCELLENCY THE GOVERNOR-GENERAL (ABRIDGED).

YOUR EXCELLENCY,—

I have the honour herewith to report on the proceedings of the University of Otago for the year ended 31st December, 1921.

*The Council.*—It was with universal regret that the Council at its April meeting received an intimation from the Vice-Chancellor, Sir John Roberts, that the time had arrived when he must ask to be relieved of his duties as Vice-Chancellor and as a member of the Council. Sir John Roberts had been a Councillor for two periods, covering in all a membership of twenty years; during this time he had, by his singleness of purpose, his zeal for the conservation of University interests, and his kindly courtesy, won the highest respect of all members. Our good wishes go with him in his retirement. To fill the vacancy thus caused Mr. T. K. Sidey, M.P., the senior Councillor, was appointed Vice-Chancellor, and Mr. G. R. Ritchie was appointed a member of the Council.

*The Teaching Staff.*—I regret that it is necessary for me to report the loss, by death, of one of our professors, Professor Champtaloup. Dr. Champtaloup was appointed to the teaching staff in 1910. In 1911 he was made Professor of Bacteriology and Public Health, and for ten years rendered excellent service. His death at so early an age is deeply deplored by the Council, his colleagues, and the students.

During the year no fewer than four new professors commenced their work in the University—viz., Mrs. Ann G. Strong, Professor of Domestic Arts; Dr. J. R. Elder, Professor of History; Mr. H. Ramsay, Professor of English; Mr. W. H. Pringle, Professor of Economics. All these professors have taken up their duties with enthusiasm, and the University teaching-power is much strengthened by their appointment. During the year Professors Elder and Pringle have delivered series of public lectures, which met with a most gratifying measure of success.

*Buildings.*—On the 3rd May the University was honoured by a visit from the Minister of Education, the Hon. C. J. Parr, who laid the foundation-stone of the new Physics Building. The completion of this building will meet a long-felt need, and will relieve the congestion at present existing in the Arts Building. A small addition has also been made to the Dental School. While the Council recognizes with thanks the assistance it has received from the Government for these buildings, it cannot too strongly emphasize the fact that the present buildings are still quite inadequate for the work of the University. The Dental additions are only of a temporary nature, and the crowded condition of the school is not in the interests of efficiency. Moreover, additional buildings for the Medical School, as pointed out in previous reports, are still urgently required.

*Finance.*—The question of finance has given the Council much concern during the past year, and the prospects for the current year are not bright. Owing to the depressed condition of the wool-market some of the University tenants have made representations to the effect that they are unable to meet the present rentals of their holdings. In consequence of these representations legislation has been passed making it legal for the Land Board, with the consent of the University Council, to reduce the rents payable by these tenants, and probably some relief will have to be given in the direction indicated. Such action, however, together with the fact that the tenants are already in arrears to the extent of some £4,000, is calculated to have a very serious effect on the Council's finances. The Council sincerely trusts, therefore, that the provisions of the Public Expenditure Adjustment Act, which provides for a decrease in the Government grants to University colleges, will not be put in to operation, since the result would be most embarrassing to the Council.



## ARTS AND GENERAL ACCOUNT FOR THE YEAR ENDED 31ST DECEMBER, 1921.

<i>Dr.</i>	£	s.	d.	<i>Cr.</i>	£	s.	d.
Balance on 31st December, 1920 .. .. .	4,196	9	7	Sales of calendar .. .. .	11	14	3
Bank charges .. .. .	30	7	3	Donations .. .. .			
Fees paid to professors and lecturers .. .. .	1,515	14	3	For ethnology .. .. .	600	0	0
Interest on University debentures .. .. .	437	10	0	New Zealand Society of Accountants .. .. .	100	0	0
Law-costs .. .. .	10	10	6	Sundries .. .. .	55	5	6
Contracts—				Government grants—			
Physics Building .. .. .	10,116	14	0	Statutory .. .. .	3,000	0	0
Biology Building .. .. .	2,364	14	7	National endowment .. .. .	1,708	0	5
Chemistry laboratory .. .. .	137	10	0	Subsidies on voluntary contributions .. .. .	1,255	5	6
Heating .. .. .	1,800	0	0	Physics Building .. .. .	10,323	15	0
Architect's fees .. .. .	310	9	0	Biology Building .. .. .	2,423	0	0
Salaries .. .. .	13,967	6	10	Heating .. .. .	1,823	15	0
Contributions to Scholarship Account .. .. .	170	0	0	Capitation, commerce .. .. .	225	18	11
Equipment .. .. .	2,021	1	0	Interest on investments .. .. .	1,046	18	10
Material .. .. .	303	15	2	Rents .. .. .	7,627	6	10
Library .. .. .	241	16	2	Presbyterian Church Board .. .. .	2,495	16	8
New works .. .. .	137	1	6	Popular lectures .. .. .	86	5	0
Printing, advertising, and stationery .. .. .	653	11	3	Students' fees .. .. .	9,004	19	6
Repairs .. .. .	177	6	1	Senate's grant for library .. .. .	175	14	1
Water, light, and fuel .. .. .	329	18	9	Beverly Trust—Contribution for salary .. .. .	495	0	1
Miscellaneous expenses .. .. .	1,148	0	4	Sundry receipts .. .. .	127	16	0
Refunds to students .. .. .	315	19	9	Balance on 31st December, 1921 .. .. .	1,870	7	0
Insurance .. .. .	141	10	3				
Debit balances of Medical, Dental, Mining, and Museum .. .. .	3,929	12	4				
	<u>£44,456</u>	<u>18</u>	<u>7</u>		<u>£44,456</u>	<u>18</u>	<u>7</u>

## MEDICAL SCHOOL ACCOUNT FOR THE YEAR ENDED 31ST DECEMBER, 1921.

<i>Dr.</i>	£	s.	d.	<i>Cr.</i>	£	s.	d.
Payments on account of practical mid- wifery classes .. .. .	117	16	5	Hospital Board, grant for bacteriology and pathology .. .. .	650	0	0
Fees paid to professors and lecturers .. .. .	3,036	14	3	Donations .. .. .	42	3	0
Payments on account of purchase of King Street site .. .. .	170	0	0	Government grants—			
Salaries .. .. .	9,586	3	11	For pathology .. .. .	100	0	0
Equipment .. .. .	773	16	0	For analyst's laboratory .. .. .	50	0	0
Material .. .. .	1,369	9	9	From Defence Department .. .. .	104	0	0
Library .. .. .	269	10	10	Statutory .. .. .	4,280	0	0
New works .. .. .	124	5	11	On account of King Street property .. .. .	170	0	0
Printing, advertising, and stationery .. .. .	122	7	4	Subsidies .. .. .	42	3	0
Repairs .. .. .	183	18	6	King Street rents .. .. .	60	5	8
Water, light, and fuel .. .. .	415	9	3	Students' fees .. .. .	9,707	2	6
Fees refunded to students .. .. .	281	17	6	British Medical Association—Portion of grant expended on library .. .. .	7	8	0
Insurance .. .. .	128	2	9	Interest on Wolf Harris Endowment .. .. .	94	10	0
Miscellaneous .. .. .	570	19	0	Interest on Glendining gift (less amount capitalized) .. .. .	734	3	9
	<u>£17,150</u>	<u>11</u>	<u>5</u>	Sundry receipts .. .. .	88	5	9
				Transfer to Arts and General Account .. .. .	1,020	9	9
					<u>£17,150</u>	<u>11</u>	<u>5</u>

## HOME SCIENCE SCHOOL ACCOUNT FOR THE YEAR ENDED 31ST DECEMBER, 1921.

<i>Dr.</i>	£	s.	d.	<i>Cr.</i>	£	s.	d.
Fees paid to professors .. .. .	11	11	0	Balance on 31st December, 1920 .. .. .	1,164	6	3
Salaries .. .. .	2,238	9	3	Balance, Professor Boys-Smith's donation .. .. .	33	1	0
Equipment .. .. .	400	5	0	Government grants—			
Material .. .. .	106	12	2	Statutory .. .. .	1,555	0	0
Library .. .. .	54	7	8	Capitation .. .. .	951	0	0
New works and contracts .. .. .	270	13	9	Grant for material .. .. .	620	8	3
Printing, advertising, and stationery .. .. .	39	4	5	Students' fees .. .. .	1,615	3	0
Repairs .. .. .	8	7	9	Sundry receipts .. .. .	17	17	7
Water, light, and fuel .. .. .	54	14	6				
Insurance .. .. .	43	10	11				
Fees refunded to students .. .. .	5	15	6				
Miscellaneous .. .. .	85	9	10				
Balance .. .. .	2,637	14	4				
	<u>£5,956</u>	<u>16</u>	<u>1</u>		<u>£5,956</u>	<u>16</u>	<u>1</u>

## BALANCE-SHEET AS ON 31ST DECEMBER, 1921.

<i>Liabilities.</i>	£	s.	d.	<i>Assets.</i>	£	s.	d.
Capital Account—				Debentures and inscribed stock	53,828	14	0
Sales of property .. .. .	3,801	14	9	Companies' shares .. .. .	2,500	0	0
Dunedin Savings-bank .. .. .	6,500	0	0	Cash on deposit .. .. .	400	0	0
Glendining gift .. .. .	16,475	10	1	Sundry debtors—			
Harris Endowment .. .. .	2,100	0	0	Assay fees overpaid .. .. .	9	10	3
Benmore Exchange .. .. .	255	0	0	Bacteriology fees due .. .. .	146	13	2
Subscribed fund .. .. .	2,249	0	0	Pathology fees due .. .. .	64	5	0
Lothian bequest .. .. .	600	0	0	Interest due .. .. .	5	5	0
Moritzson gift .. .. .	222	3	0	Studholme House—Payments due .. .. .	244	2	11
Donald Reid bequest .. .. .	5,473	10	2	Students' fees due .. .. .	66	6	6
Ethnology gift .. .. .	4,500	0	0	Rents due			
Sir John Roberts Endowment .. .. .	2,020	0	0	Otago reserves .. .. .	3,993	2	0
The Dean's Fund .. .. .	2,116	1	4	Southland reserves .. .. .	101	18	9
Dr. Barnett's Fund .. .. .	2,000	0	0	Castle Street reserves .. .. .	6	10	0
Mrs. Oliver bequest .. .. .	2,006	17	0	Education Board .. .. .	0	5	0
Government grant .. .. .	6,500	0	0	Professors' houses .. .. .	75	0	0
Unexpended balances of special accounts—				Government grants due .. .. .	2,976	18	9
Chamber of Commerce Prize Fund .. .. .	10	11	9	Arts and General Account—Debit balance	1,870	7	0
Chemistry Apparatus Fund .. .. .	29	5	1				
Bacteriological Special Account .. .. .	526	6	1				
Pathological Special Account .. .. .	128	8	5				
Hocken Library Account .. .. .	413	1	8				
Hocken Library Books Committee .. .. .	7	10	5				
Grant from Dunedin Hospital staff .. .. .	750	0	0				
Physiology Research Fund .. .. .	101	16	5				
Workers' Educational Association Account .. .. .	300	16	10				
British Medical Association grant .. .. .	52	11	11				
Medical bursary grant .. .. .	483	3	0				
Dental bursary grant .. .. .	8	8	0				
Income Accounts at credit—							
Moritzson Account .. .. .	20	16	1				
Ethnology Account .. .. .	66	11	4				
Dr. Barnett Fund .. .. .	100	16	3				
Sir John Roberts Endowment .. .. .	61	15	6				
Sundry creditors—							
Fees due to professors, &c. .. .. .	556	6	9				
Income-tax Department, on account of Professor Sale .. .. .	13	2	6				
King Street rents due to Government .. .. .	64	15	8				
Bank of New Zealand overdraft .. .. .	3,135	4	0				
Home Science School—Credit balance .. .. .	2,637	14	4				
	<u>£66,288</u>	<u>18</u>	<u>4</u>		<u>£66,288</u>	<u>18</u>	<u>4</u>

MEMO.—The University owes £7,000 debenture debt.

## F. REPORT OF THE CANTERBURY AGRICULTURAL COLLEGE (LINCOLN), 1921.

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

Appointed by His Excellency the Governor-General—Dr. Chas. Chilton.

Elected by members of the Legislature—H. A. Knight, Esq. (Chairman); Hon. D. Buddo; and R. W. Loohead, Esq.

Elected by governing bodies of agricultural and pastoral associations—John Deans, Esq.; Thos. Blackley, Esq.; and B. E. H. Tripp, Esq.

*Staff.**Director.*—R. E. Alexander.*Lecturer on Veterinary Science.*—A. Taylor, M.A., F.R.C.V.S.*Lecturer on Biology.*—F. W. Hilgendorf, M.A., D.Sc.*Lecturer on Chemistry.*—W. C. Purdie, B.Sc.*Lecturer on Applied Mathematics, &c.*—F. G. Thomas.

## REPORT OF THE DIRECTOR (ABRIDGED).

SIR,—

I have the honour, by direction of the Board of Governors, to submit the following report on the work of the institution for the year 1921, and in pursuance of the Canterbury College and Canterbury Agricultural College Act, 1896 :—

Fifty-three students were enrolled in 1921, and the number in residence during the whole year was up to the full limit of accommodation. Of these, six were holders of agricultural bursaries under the Department of Education, two were holders of Kitchener Scholarships, and nine were returned soldiers. Ten students entered for various subjects set for the degree; one student completed his degree course at Canterbury College, and four others completed in all but one or two subjects. The work of the students both in class and farm work was satisfactory, and competition for prizes was very keen. Sixteen students left the College during the year, of whom four had been in residence for one year, three for two years, and nine had completed the full course. Of the latter, six satisfied the examiners and were awarded the diploma of the College.

Mr. L. J. Wild resigned his position as Lecturer in Chemistry, and Mr. W. C. Purdie, B.Sc., an ex-student of the College, was appointed to the vacancy.





## No. 3.—DETAILED TABLES.

TABLE M 1.—STUDENTS ON THE BOOKS OF UNIVERSITY COLLEGES, 1921.

	Auckland University College.	Victoria University College.	Canterbury College.	Otago University.	Totals for 1921.
<b>I. Students attending lectures—</b>					
<b>(1.) Graduates—</b>					
Men .. .. .	12	20	28	33	93
Women .. .. .	9	14	24	22	69
Total .. .. .	21	34	52	55	162
<b>(2.) Undergraduates (matriculated)—</b>					
Men .. .. .	444	399	266	583	1,692
Women .. .. .	153	180	171	307	811
Total .. .. .	597	579	437	890	2,503
<b>(3.) Non-matriculated students—</b>					
Men .. .. .	196	59	340	144	739
Women .. .. .	186	70	163	101	520
Total .. .. .	382	129	503	245	1,259
<b>(4.) Total students attending lectures—</b>					
Men .. .. .	652	478	634	760	2,524
Women .. .. .	348	264	358	430	1,400
Total .. .. .	1,000	742	992	1,190	3,924
<b>II. Exempt students not attending lectures—</b>					
Men .. .. .	51	49	14	43	157
Women .. .. .	12	19	4	7	42
Total .. .. .	63	68	18	50	199
<b>III. Total of all students (I and II)—</b>					
Men .. .. .	703	527	648	803	2,681
Women .. .. .	360	283	362	437	1,442
Grand total of all students, 1921 .. .. .	1,063	810	1,010	1,240	4,123
Grand total of all students, 1920 .. .. .	1,018	738	941	1,125	3,822
Increase .. .. .	45	72	69	115	301

TABLE M 2.—COURSES TAKEN BY STUDENTS DURING THE YEAR 1921.

	Auckland University College.		Victoria University College.		Canterbury College.		Otago University.		Totals.		Grand Totals.
	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	
Arts .. .. .	159	138	96	215	122	56	140	135	517	544	1,061
Science .. .. .	28	15	69	14	17	1	26	22	140	52	192
Law .. .. .	208	3	220	3	41	1	66	1	535	8	543
Commerce .. .. .	82	13	12	1	25	3	117	3	236	20	256
Music .. .. .	13	67	..	..	1	1	..	..	14	68	82
Medicine .. .. .	19	2	14	2	8	3	294	61	335	68	403
Dentistry .. .. .	3	..	7	..	..	..	69	10	79	10	89
Engineering .. .. .	94	..	13	..	124	..	23	..	254	..	254
Agriculture .. .. .	1	..	5	..	7	..	..	..	13	..	13
Home science .. .. .	..	..	..	..	..	..	..	71	..	71	71
Architecture .. .. .	23	..	..	..	..	..	..	..	23	..	23
Totals .. .. .	630	238	436	235	345	65	735	303	2,146	841	2,987

TABLE M 3.—SUBJECTS TAKEN BY STUDENTS.

University College.	Subject.												
	English.	Latin.	French.	German.	Pure Mathematics.	Applied Mathematics.	Education.	Economics.	Geography.	History.	Philosophy.	Physics.	Chemistry.
Auckland .. ..	158	105	75	2	73	43	137	129	5	79	57	86	97
Victoria .. ..	184	110	63	11	61	48	100	70	9	55	199	81	83
Canterbury .. ..	195	67	87	7	155	..	150	150	101	149	61	75	128
Otago .. ..	206	52	94	13	58	21	134	99	..	90	65	137	152
Totals .. ..	743	334	319	33	347	112	521	448	115	373	382	379	460

  

University College.	Subject.												
	Biology.	Geology.	Law Subjects.	Commercial Subjects.	Music.	Engineering and Mining.	Dentistry.	Medicine.	Home Science.	Journalism.	Architecture.	Greek.	Hebrew.
Auckland .. ..	97	28	209	211	80	94	3	21	..	..	23	..	..
Victoria .. ..	84	19	223	30	..	..	..	..	..	..	..	..	..
Canterbury .. ..	50	25	98	88	56	267	..	11	..	14	..	6	..
Otago .. ..	222	16	67	120	..	22	79	355	71	..	..	12	3
Totals .. ..	453	88	597	449	136	383	82	387	71	14	23	18	3

TABLE M 4.—SCHOLARSHIPS, BURSARIES, EXHIBITIONS, AND STUDENTSHIPS HELD AT THE AFFILIATED INSTITUTIONS IN 1921.

Scholarships, &c.	Auckland University College.	Victoria University College.	Canterbury College.	Otago University.	Total.
Junior University Scholarships .. ..	7	6	3	13	29
University National Scholarships...	19	7	13	19	58
Taranaki Scholarships .. ..	..	5	1	6	12
Senior University Scholarships .. ..	2	3	2	6	13
University Bursaries .. ..	133	127	110	245	615
Educational Bursaries .. ..	20	33	19	18	90
Other scholarships and exhibitions .. ..	3	3	11	48	65
Training-college studentships .. ..	222	194	196	162	774
Total for 1921 .. ..	406	378	355	517	1,656
Total for 1920 .. ..	378	348	280	593	1,599
Difference .. ..	+ 28	+ 30	+ 75	- 76	+ 57

TABLE M 5.—SUMMARY OF ACCOUNTS.  
Receipts (exclusive of Special Trusts) for the Year 1921.

University College.	A. From the Government.				B. Grants from University of New Zealand.				C. From Local Sources.				Grand Totals (A, B, and C).
	Statutory Grants and Income from National Endowments.	Grants for Buildings and Fittings.	Grants for Material and Apparatus.	Subsidies.	Scholarship Payments, and Miscellaneous.	Total from Government.	Grants from University of New Zealand.	Rents from Endowments, and Interest.	Fees.	Donations and Miscellaneous.	Total from Local Sources.		
Auckland ..	£ s. d. 13,708 0 5	£ s. d. .. ..	£ s. d. 3,500 0 0	£ s. d. .. ..	£ s. d. 2,312 16 8	£ s. d. 19,520 17 1	£ s. d. 853 4 1	£ s. d. 1,808 19 7	£ s. d. 3,612 10 0	£ s. d. 1,954 6 3	£ s. d. 7,375 15 10	£ s. d. 27,729 17 0	
Victoria ..	£ s. d. 13,708 0 5	£ s. d. 21,700 0 0	.. ..	£ s. d. 620 0 0	£ s. d. 3,154 4 5	£ s. d. 39,182 4 10	£ s. d. 853 4 1	£ s. d. 44 10 0	£ s. d. 3,232 8 10	£ s. d. 1,618 2 4	£ s. d. 4,895 1 2	£ s. d. 44,930 10 1	
Canterbury ..	£ s. d. 7,958 0 5	.. ..	£ s. d. 797 9 11	£ s. d. 175 0 0	£ s. d. 2,604 14 0	£ s. d. 11,535 4 4	£ s. d. 853 4 0	£ s. d. 13,205 16 9	£ s. d. 7,283 16 9	£ s. d. 7,163 8 11	£ s. d. 27,653 2 5	£ s. d. 40,041 10 9	
Otago ..	£ s. d. 11,708 0 5	£ s. d. 15,900 4 6	.. ..	£ s. d. 1,280 5 0	£ s. d. 6,960 19 6	£ s. d. 35,849 9 5	£ s. d. 875 14 1	£ s. d. 7,178 2 11	£ s. d. 24,298 18 0	£ s. d. 4,979 13 8	£ s. d. 36,456 14 7	£ s. d. 73,181 18 1	
Totals ..	£ s. d. 47,082 1 8	£ s. d. 37,600 4 6	£ s. d. 4,297 9 11	£ s. d. 2,075 5 0	£ s. d. 15,032 14 7	£ s. d. 106,087 15 8	£ s. d. 3,435 6 3	£ s. d. 22,237 9 3	£ s. d. 38,427 13 7	£ s. d. 15,715 11 2	£ s. d. 276,380 14 0	£ s. d. 185,883 15 11	

Payments (exclusive of Special Trusts) for the Year 1921.

University College.	Administration.	Salaries.	Sites, Buildings, &c.	Equipment and Apparatus.	Material and Renewals.	Expenditure on Endowments.	Interest.	Libraries.	Scholarships.	Miscellaneous.	Totals.
Auckland ..	£ s. d. 3,051 7 4	£ s. d. 16,054 11 11	£ s. d. 3,419 11 9	£ s. d. 3,087 12 10	£ s. d. 1,769 18 10	£ s. d. .. ..	£ s. d. 3 11 6	£ s. d. 277 16 0	£ s. d. 70 0 0	£ s. d. 2,737 9 9	£ s. d. 30,471 19 11
Victoria ..	£ s. d. 2,281 13 8	£ s. d. 16,518 13 8	£ s. d. 21,689 17 1	£ s. d. 1,732 5 7	.. ..	.. ..	.. ..	£ s. d. 1,228 15 10	£ s. d. 50 0 0	£ s. d. 2,386 1 0	£ s. d. 45,887 6 10
Canterbury ..	£ s. d. 3,044 18 6	£ s. d. 20,989 14 11	£ s. d. 1,905 4 9	£ s. d. 3,772 0 6	£ s. d. 813 0 1	£ s. d. 471 7 2	£ s. d. 1,362 18 6	£ s. d. 1,201 3 8	£ s. d. 420 15 11	£ s. d. 5,827 5 11	£ s. d. 39,808 9 11
Otago ..	£ s. d. 3,632 6 0	£ s. d. 36,294 10 6	£ s. d. 17,247 2 0	£ s. d. 4,152 0 7	£ s. d. 3,671 11 9	£ s. d. .. ..	£ s. d. 467 17 3	£ s. d. 781 17 5	£ s. d. 1,328 15 0	£ s. d. 5,021 7 7	£ s. d. 72,597 8 1
Totals ..	£ s. d. 12,010 5 6	£ s. d. 89,857 11 0	£ s. d. 44,261 15 7	£ s. d. 12,743 19 6	£ s. d. 6,254 10 8	£ s. d. 471 7 2	£ s. d. 1,834 7 3	£ s. d. 3,489 12 11	£ s. d. 1,869 10 11	£ s. d. 15,972 4 3	£ s. d. 188,765 4 9

Approximate Cost of Paper.—Preparation, not given; printing (825 copies), £40.