

1924.
NEW ZEALAND.

EDUCATION: HIGHER EDUCATION.

[In continuation of E.-7, 1923.]

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

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I. DETAILED TABLES.

TABLE M1.—STUDENTS ON THE BOOKS OF UNIVERSITY COLLEGES, 1923.

	Auckland University College.			Victoria University College.			Canterbury College.			Otago University.			Totals for 1923.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
I. Students attending lectures—															
Graduates	37	8	45	18	18	36	32	17	49	40	15	55	127	58	185
Undergraduates ..	542	179	721	458	188	646	398	132	530	654	235	889	2,052	734	2,786
Non-matriculated students	230	80	312	29	56	85	199	160	359	108	23	131	566	321	887
Total	809	269	1,078	505	262	767	629	309	938	802	273	1,075	2,745	1,113	3,858
II. Exempt students not attending lectures	62	14	76	129	34	163	37	10	47	53	5	58	281	63	344
III. Grand totals	871	283	1,154	634	296	930	666	319	985	855	278	1,133	3,026	1,176	4,202
Totals, 1922	788	257	1,045	577	259	836	595	219	814	862	401	1,263	2,822	1,136	3,958
Difference	+83	+26	+109	+57	+37	+94	+71	+100	+171	-7	-123	-130	+204	+40	+244

TABLE M2.—COURSES TAKEN BY STUDENTS.

Subject.	Number of Students.												Totals.		
	Auckland University College.			Victoria University College.			Canterbury College.			Otago University.					
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Arts	167	148	315	124	168	292	147	86	233	161	130	291	599	532	1,131
Science	50	15	65	78	12	90	43	4	47	35	8	43	206	39	245
Law	181	5	186	229	4	233	58	1	59	73	2	75	541	12	553
Commerce	110	12	122	19	..	19	11	1	12	110	5	115	250	18	268
Music	9	51	60	..	1	1	..	1	1	..	..	..	9	53	62
Medicine	10	2	12	7	3	10	4	1	5	307	51	358	328	57	385
Dentistry	5	..	5	1	..	1	1	..	1	90	13	103	97	13	110
Engineering	87	..	87	11	..	11	6	..	6	..	..	..	104	..	104
Agriculture	5	..	5	1	..	1	4	..	4	..	..	..	10	..	10
Home science .. ..	..	..	..	..	..	..	..	..	..	..	64	64	..	64	64
Architecture	18	..	18	..	..	..	..	..	..	..	..	..	18	..	18
Journalism .. ..	..	..	..	..	1	1	1	1	2	..	..	..	1	2	3
Total number taking definite courses	642	233	875	470	189	659	275	95	370	776	273	1,049	2,163	790	2,953

TABLE M3.—SUBJECTS TAKEN BY STUDENTS.

Subject.	Number of Students.														
	Auckland University College.			Victoria University College.			Canterbury College.			Otago University.			Totals.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
English	64	63	127	58	88	146	66	54	120	89	80	169	277	285	562
Latin	83	46	129	77	32	109	60	22	82	42	24	66	262	124	386
Greek	8	1	9	6	..	6	5	1	6	10	7	17	29	9	38
French	72	81	153	30	70	100	57	57	114	65	65	130	224	273	497
German .. .. .	..	..	..	4	5	9	2	2	4	8	..	8	14	7	21
Italian .. .. .	..	..	..	1	11	12	..	..	..	..	..	..	1	11	12
Pure mathematics ..	78	24	102	80	21	101	118	8	126	31	16	47	307	69	376
Applied mathematics ..	34	3	37	34	12	46	52	..	52	23	4	27	143	19	162
Education	76	42	118	76	166	242	74	111	185	64	33	97	290	352	642
Economics	105	25	130	40	20	60	63	13	76	95	16	111	303	74	377
Geography	7	2	9	10	6	16	..	..	..	..	..	..	17	8	25
History	63	52	115	31	43	74	83	42	125	52	37	89	229	174	403
Philosophy	40	7	47	71	41	112	50	15	65	48	24	72	209	87	296
Physics	72	26	98	49	8	57	63	4	67	78	60	138	262	98	360
Chemistry	62	17	79	47	11	58	113	15	128	93	59	152	315	102	417
Botany	17	28	45	10	12	22	24	17	41	40	29	69	91	86	177
Zoology	12	9	21	22	7	29	12	3	15	1	..	1	47	19	66
Geology	28	2	30	27	1	28	25	1	26	29	..	29	109	4	113
Law subjects	181	5	186	206	4	210	77	1	78	73	2	75	537	12	549
Commercial subjects ..	110	12	122	28	7	35	57	13	70	110	5	115	305	37	342
Music	9	51	60	..	..	..	11	65	76	..	..	..	20	116	136
Engineering and mining	87	..	87	..	..	..	234	..	234	..	..	..	26	347	..
Dentistry	1	..	1	..	..	..	1	..	1	90	13	103	92	13	105
Medicine	10	2	12	..	..	..	4	1	5	307	51	358	321	54	375
Home science .. .. .	..	..	..	..	..	..	..	..	..	..	64	64	..	64	64
Journalism .. .. .	..	..	..	..	..	..	6	1	7	..	..	..	6	1	7

TABLE M4.—SCHOLARSHIPS, BURSARIES, EXHIBITIONS, AND STUDENTSHIPS HELD AT THE AFFILIATED INSTITUTIONS IN 1923.

Scholarships, &c.	Auckland University College.	Victoria University College.	Canterbury College.	Otago University.	Total.
Junior University Scholarships	5	5	6	11	27
University National Scholarships	15	8	9	18	50
Taranaki Scholarships .. .. .	..	4	2	6	12
Senior University Scholarships	2	2	2	8	14
University Bursaries	164	153	111	221	649
Educational Bursaries	10	11	14	10	45
Home Science Bursaries .. .. .	..	..	..	32	32
Other Scholarships and Exhibitions ..	1	1	13	17	32
Training College Studentships	133	221	166	130	650
Totals for 1923	330	405	323	453	1,511
Totals for 1922	333	394	253	598	1,578
Difference	-3	11	70	-145	-67

TABLE M5.—SUMMARY OF ACCOUNTS.
Receipts (exclusive of Special Trusts) for the Year 1923.

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 and Bursary Payments, and Miscellaneous.	Total from Government.	Expenditure on Endowments.	Material and Renewals.	Equipment and Apparatus.	Sites, Buildings, &c.	Salaries.	Administration.		Interest.	Libraries.	Scholarships.	Miscellaneous.	Totals.
Auckland ..	£ 13,877	£ 31,866	£ ..	£ 6,821	£ 3,941	£ 56,505	£ 925	£ 56,505	£ 3,941	£ 36,733	£ 17,079	£ 4,262	£ 3	£ 698	£ 12,955	£ 18,839	£ 76,269
Victoria* ..	£ 14,144	£ 5,361	£ ..	£ 337	£ 4,585	£ 24,427	£ 925	£ 24,427	£ 4,585	£ 5,260	£ 17,000	£ 2,585	£ ..	£ 759	£ 1,728	£ 6,020	£ 31,372
Canterbury ..	£ 6,737	£ 6,307	£ 267	£ 122	£ 3,699	£ 17,132	£ 925	£ 17,132	£ 3,699	£ 10,657	£ 22,266	£ 3,601	£ 1,052	£ 662	£ 8,097	£ 31,633	£ 49,680
Otago ..	£ 10,052	£ 6,280	£ ..	£ 371	£ 6,966	£ 23,669	£ 925	£ 23,669	£ 6,966	£ 9,206	£ 38,885	£ 4,501	£ 422	£ 745	£ 4,699	£ 36,132	£ 60,726
Totals ..	£ 44,810	£ 49,814	£ 267	£ 7,651	£ 19,191	£ 121,733	£ 3,700	£ 121,733	£ 19,191	£ 61,856	£ 95,230	£ 14,949	£ 1,477	£ 2,864	£ 27,479	£ 92,624	£ 218,057

Payments (exclusive of Special Trusts) for the Year 1923.

University College.	Administration.	Salaries.	Sites, Buildings, &c.	Equipment and Apparatus.	Material and Renewals.	Expenditure on Endowments.	Interest.	Libraries.	Scholarships.	Miscellaneous.	Totals.
Auckland ..	£ 4,262	£ 17,079	£ 36,733	£ 225	£ 1,330	£ 207	£ 3	£ 698	£ ..	£ 126	£ 60,663
Victoria* ..	£ 2,585	£ 17,000	£ 5,260	£ 2,417	£ ..	£ ..	£ ..	£ 759	£ 63	£ 2,365	£ 30,449
Canterbury ..	£ 3,601	£ 22,266	£ 10,657	£ 2,276	£ 546	£ 339	£ 1,052	£ 662	£ 280	£ 5,738	£ 47,417
Otago ..	£ 4,501	£ 38,885	£ 9,206	£ 2,090	£ 3,528	£ ..	£ 422	£ 745	£ 494	£ 4,844	£ 64,715
Totals ..	£ 14,949	£ 95,230	£ 61,856	£ 7,008	£ 5,404	£ 546	£ 1,477	£ 2,864	£ 837	£ 13,073	£ 208,244

* Nine months of 1923, plus one-fourth of amount for 1922-23.

MG.—NUMBER OF SUCCESSFUL CANDIDATES AT THE EXAMINATIONS FOR DEGREES IN 1923.
(Total number of entrants, 5,575.)

Degrees, &c.	Auckland University College.			Victoria University College.			Canterbury College.			Otago University.			Total.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Doctor of Literature .. ..	..	..	..	1	..	1	1	..	1	..	..	..	2	..	2
Doctor of Science .. ..	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1
Doctor of Medicine .. ..	..	..	..	..	..	..	..	..	..	2	..	2	2	..	2
Doctor of Dental Surgery ..	..	..	..	..	..	..	..	..	..	1	..	1	1	..	1
Honours in Arts	16	3	19	12	3	15	16	4	20	13	6	19	57	16	73
Master of Arts	18	6	24	13	7	20	18	7	25	19	7	26	68	27	95
Honours in Science .. ..	..	..	..	4	1	5	..	1	1	4	3	7	8	5	13
Master of Science	1	..	1	5	1	6	1	1	2	4	3	7	11	5	16
Master of Surgery .. ..	..	..	..	..	..	..	..	..	..	1	..	1	1	..	1
Honours in Law	2	..	2	4	..	4	..	..	..	..	..	..	6	..	6
Master of Law	2	..	2	5	..	5	..	..	..	1	..	1	8	..	8
Bachelor of—															
Arts	22	13	35	15	20	35	17	12	29	21	12	33	75	57	132
Science	11	1	12	9	..	9	3	..	3	4	..	4	27	1	28
Medicine and Surgery ..	..	..	..	..	..	..	..	..	..	19	3	22	19	3	22
Dental Surgery .. ..	..	..	..	..	..	..	..	..	..	3	..	3	3	..	3
Laws	22	..	22	22	..	22	3	..	3	6	..	6	53	..	53
Commerce	2	..	2	4	1	5	..	..	..	..	..	..	6	1	7
Engineering (Civil) ..	..	..	..	..	..	..	6	..	6	..	..	..	6	..	6
Engineering (Electrical) ..	..	..	..	..	..	..	10	..	10	..	..	..	10	..	10
Engineering (Mechanical) ..	..	..	..	..	..	..	1	..	1	..	..	..	1	..	1
Engineering (Mining) ..	..	..	..	..	..	..	..	..	..	3	..	3	3	..	3
Science in Home Science ..	..	..	..	..	..	..	..	..	..	9	..	9	..	9	9
Agriculture	1	..	1	..	..	..	2	..	2	3	..	3	6	..	6
Music	1	3	4	..	..	..	..	..	..	..	..	..	1	3	4
Senior University Scholarships ..	5	..	5	4	..	4	2	..	2	1	3	4	12	3	15
John Tinline Scholarship ..	1	..	1	..	..	..	..	..	..	..	..	..	1	..	1
Totals, 1923	104	26	130	99	33	132	80	25	105	105	46	151	388	130	518
Totals, 1922	89	21	110	83	29	115	70	31	101	105	32	137	350	113	463

In addition to these successes, 2,534 candidates passed sections of the examinations for degrees or for admission to professions; 128 gained certificates of proficiency. There were 189 candidates for the Entrance Scholarship Examination, 32 gaining scholarships, 76 others passing the examination with credit, and 48 qualifying for matriculation. The number of candidates for the Matriculation Examination was 4,517, of whom 1,097 passed the whole examination, 554 completed partial passes, and 800 gained partial passes.

II. REPORTS OF THE UNIVERSITY OF NEW ZEALAND AND OF AFFILIATED INSTITUTIONS.

1. REPORT OF THE UNIVERSITY OF NEW ZEALAND, 1923.

Visitor.—His Excellency the Governor-General.

Chancellor.—John Macmillan Brown, Esq., M.A., LL.D.

Vice-Chancellor.—John Rankine Brown, Esq., M.A.

The Senate.

Appointed by His Excellency the Governor-General in Council—W. J. Anderson, Esq., M.A., LL.D.; John Caughley, Esq., M.A.; the Hon W. E. Collins, C.M.G., M.B., M.R.C.S. Eng.; and the Hon. J. A. Hanan, M.P.

Appointed by governing bodies of affiliated institutions—Sir Henry L. Ferguson, C.M.G., Kt., M.A., M.D., &c.; R. J. Scott, Esq., M.Inst.C.E., M.Inst.M.E., &c.; J. C. Adams, Esq., B.A.; the Hon. Sir R. Stout, P.C., K.C.M.G., LL.D.; A. P. W. Thomas, Esq., M.A., F.R.S.; F. H. Bakewell, Esq., M.A.; the Hon. G. Fowlds, C.B.E.; and W. J. Morrell, Esq., M.A.

Appointed by Professorial Boards—W. B. Benham, Esq., D.Sc., F.R.S.; A. Wall, Esq., M.A.; H. W. Segar, Esq., M.A.; and J. R. Brown, Esq., M.A.

Elected by District Courts of Convocation—Rev. A. Cameron, B.A.; J. M. Brown, Esq., M.A., LL.D.; J. W. Tibbs, Esq., M.A.; R. M. Algie, Esq., LL.M.; J. Hight, Esq., Litt.D., F.R.E.S.; T. A. Hunter, Esq., M.A., M.Sc.; F. A. de la Mare, Esq., B.A., LL.B.; and G. E. Thompson, Esq., M.A.

Registrar.—E. T. Norris, Esq., M.A.

ANNUAL REPORT OF THE SENATE.

IN compliance with section 31 of the New Zealand University Act, the Senate makes the following report to His Excellency the Governor-General of the proceedings of the University since the date of the last report.

Pursuant to the provisions of the University Act, the Senate met at Christchurch in annual session on the 13th February, 1924, and at that session made certain amendments to the statutes. These amendments have been submitted to the Governor-General in Council for approval. Included in these amendments are the following:—

- (a.) The statute governing the value of ordinary scholarships was amended so as to increase the value of junior scholarships to £25 and the boarding-allowance to £35; the value of senior scholarships was raised to £70.
- (b.) Two subjects, additional mathematics and elementary mechanics, were added to those prescribed for the Entrance Scholarships Examination.
- (c.) A second post-graduate scholarship in arts was provided for, and a similar scholarship in science was established, £200 per annum awarded annually.
- (d.) The regulations for the Ph.D. degree were embodied in a statute, and an examination is now provided for a shipping officers' certificate.
- (e.) The course for the diploma in public health was revised, and a diploma in medical science established to encourage research in scientific subjects by students proceeding to a degree in medicine.
- (f.) The course in dentistry was remodelled and made to extend over five years instead of four, to meet the requirements of the General Council of Medical Education in Great Britain.

Special meetings of the Senate were held in July, 1923, to confer degrees, and in April, 1924.

The moneys to be administered by the University under section 32 (b) of the New Zealand University Amendment Act, 1914, were distributed as follows: One-fourth to each affiliated institution as follows:—

- (1.) To Auckland University College, the sum of £300 for carrying on the work of the Workers' Educational Association and for University extension classes and the balance for the College library, the Science Laboratories, and the School of Architecture.
- (2.) To Victoria University College, the sum of £300 for carrying on the work of the Workers' Educational Association and for University extension classes, and the balance for the School of Economics.
- (3.) To Canterbury College, the sum of £350 for carrying on the work of the Workers' Educational Association and for University extension classes, and the balance for the College library and Students' Hostel.
- (4.) To the University of Otago, the sum of £300 for carrying on the work of the Workers' Educational Association and for University extension classes, and the balance for the Chair of Economics and for the library.

In exercise of its statutory functions, the Board of Studies met in Wellington on the 30th October, 1923, and its recommendations were dealt with by the Senate at its annual session.

The accounts of the University, duly audited, are appended to this report.

ACCOUNTS AND BALANCE-SHEETS OF THE UNIVERSITY OF NEW ZEALAND FOR THE YEAR
ENDED 31ST DECEMBER, 1923.
GENERAL ACCOUNT.

<i>Receipts.</i>	£	s.	d.	<i>Payments.</i>	£	s.	d.
Statutory grant	3,845	0	0	Expenses Senate sessions	966	3	2
Degree fees	2,102	2	0	Office expenses—			
Examination fees	£21,605	8	10	Salaries	2,700	2	11
Less refunds	86	2	0	Rent	465	8	6
	21,519	6	10	Miscellaneous: Printing Calendar, minutes, diplomas and sundry, postage, stationery, and general expenses	2,240	11	8
Admission <i>ad eundem</i>	42	0	0	Examinations—	£	s.	d.
Certificates	657	13	0	Special	386	3	0
Medical registration	193	3	6	Medical	2,035	14	0
Scholarship matriculating	9	9	0	November	8,493	3	11
Fees, junior scholars (<i>per contra</i>)	256	3	9	December	4,948	8	11
Transfer, Ordinary Scholarship Account	125	0	0	Dental	1,241	2	5
National endowment	3,704	3	4		17,104	12	3
Miscellaneous	673	9	10	English agency	2,632	10	9
	£33,127	11	3	Transfers to Ordinary Scholarship Account	1,500	0	0
				Fees, junior scholars (<i>per contra</i>)	256	3	9
				Scholarships	500	0	0
				National endowment	3,704	3	4
					£32,075	16	4

BALANCE-SHEET.—GENERAL ACCOUNT.

<i>Dr.</i>	£	s.	d.	<i>Cr.</i>	£	s.	d.
To Balance from 1922	14,440	15	6	By Payments, 1923, as per list	32,075	16	4
Receipts, 1923, as per list	33,127	11	3	Balance—	£	s.	d.
	£47,568	6	9	Bank of New Zealand 1,298 17 6 Less unrepresented cheques 1,294 9 5	4	8	1
				English agent, cash in hand and in tran- sit 3,191 16 10			
				Post Office Savings- bank 7,168 18 4			
				Accrued interest 137 11 8			
				Inscribed stock 5,136 18 9			
				Cash in hand 15 17 3			
				15,655 10 11			
				Less amount due to Sir J. G. Wilson Prize Account 163 0 6	15,492	10	5
					£47,568	6	9

BALANCE-SHEET.—ORDINARY SCHOLARSHIP ACCOUNT.

<i>Dr.</i>	£	s.	d.	<i>Cr.</i>	£	s.	d.
To Balance from 1922	28,813	10	8	By Payments, 1923—	£	s.	d.
Receipts, 1923—	£	s.	d.	Scholarships	2,751	2	10
Interest	1,687	6	5	Sundries	0	10	0
Transfer from General Account	1,500	0	0		2,751	12	10
	3,187	6	5	Transfer to General Account			
				Balance—			
				Bank of New Zealand 81 18 2 Less unrepresented cheques 21 12 3	60	5	11
				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 1,205 8 4	29,264	18	2
				Sundry debtors 81 0 2			
				Less—Sundry credi- tors, £17 7s. 4d.; amount held Christie Account, £7 18s.; Tinline Account, £115 8s. 7d. 140 13 11	29,124	4	3
					£32,000	17	1

BALANCE-SHEET.—UNIVERSITY NATIONAL SCHOLARSHIP ACCOUNT.

<i>Dr.</i>			<i>Cr.</i>		
	£	s. d.		£	s. d.
To Balance from 1922	42	3 1	By Payments, 1923—		
Treasury grants	2,265	10 3	University National		
Taranaki Scholarship	750	16 6	Scholarship	1,939	4 0
			Fees	74	3 0
			Taranaki Scholarship	750	16 6
			Research	229	13 9
					2,993 17 3
			Balance, Bank of New Zealand	98	14 1
			Less unrepresented cheques	34	1 6
					64 12 7
					<u>£3,058 9 10</u>
					<u>£3,058 9 10</u>

ENGLISH AGENT IN ACCOUNT WITH THE UNIVERSITY.

<i>Dr.</i>			<i>Cr.</i>		
	£	s. d.		£	s. d.
To Balance from 1922	281	17 3	By General payments	2,632	10 9
Remittances, 1923	5,542	10 4	Balance—		
			In hands of agent	199	6 6
			In transit to agent	2,992	10 4
					3,191 16 10
					<u>£5,824 7 7</u>
					<u>£5,824 7 7</u>

BALANCE-SHEET ON ALL ACCOUNTS.

<i>Dr.</i>			<i>Cr.</i>		
	£	s. d.		£	s. d.
To Balance from 1922	46,432	10 5	By Payments—		
Receipts, 1923—			General Account	39,075	16 4
General Account	33,127	11 3	Ordinary Scholarship Account	2,876	12 10
Ordinary Scholarship Account	3,187	6 5	John Tinline Scholarship Account	60	12 0
John Tinline Scholarship Account	191	14 9	University National Scholarship Account	2,993	17 3
University National Scholarship Account	3,016	6 9	Haydon Prize Account	5	0 0
Macmillan-Brown Prize Account	208	15 7			38,011 18 5
Bowen Prize Account	8	14 0	Balances—		
Cook Prize Account	7	7 10	General Account	15,492	10 5
Habens Prize Account	7	11 1	Ordinary Scholarship Account	29,124	4 3
Von Haast Prize Account	17	18 4	John Tinline Scholarship Account	1,983	9 0
Haydon Prize Account	0	17 4	University National Scholarship Account	64	12 7
Arnold Atkinson Memorial Prize Account	5	16 4	Macmillan-Brown Prize Account	352	9 11
Christie Prize Account	5	10 0	Bowen Prize Account	176	5 2
Sir J. G. Wilson Prize Account	163	0 6	Cook Prize Account	155	13 6
			Habens Prize Account	160	14 5
			Von Haast Prize Account	346	15 6
			Haydon Prize Account	7	1 9
			Arnold Atkinson Prize Account	131	5 2
			Christie Prize Account	111	0 0
			Sir J. G. Wilson Prize Account	163	0 6
					48,269 2 2
					<u>£86,281 0 7</u>
					<u>£86,281 0 7</u>

LIST OF INVESTMENTS AND OTHER ASSETS.

		£	s.	d.	£	s.	d.			£	s.	d.				
General Account—																
Bank of New Zealand ..			4	8					Brought forward ..	47,017	6	2				
English agent's balance ..		3,191	16	10												
Post Office Savings-bank		7,168	18	4					<i>Bowen Prize Account—</i>							
Accrued interest ..			137	11	8				£	s.	d.					
Inscribed stock ..		5,136	18	9					Fixed deposit ..	166	0	0				
Cash ..			15	17	3				Post Office Savings-bank	10	5	2				
												176	5	2		
		15,655	10	11					<i>Cook Prize Account—</i>							
Less amount due to Sir									Fixed deposit ..	146	0	0				
J. G. Wilson Prize									Post Office Savings-bank	9	13	6		155	13	6
Account ..		163	0	6												
					15,492	10	5		<i>Habens Prize Account—</i>							
<i>Ordinary Scholarship Account—</i>									Fixed deposit ..	155	10	0				
Bank of New Zealand ..		60	5	11					Post Office Savings-bank	5	4	5		160	14	5
Inscribed stock ..		4,210	7	6												
War-loan certificates ..		575	8	0					<i>Von Haast Prize Account—</i>							
Mortgages ..		19,550	0	0					Fixed deposits ..	333	15	0				
Fixed deposit ..		1,000	0	0					Post Office Savings-bank	13	0	6		346	15	6
Auckland City Loan ..		2,582	8	3												
Post Office Savings-bank		1,205	8	4					<i>Haydon Prize Account—</i>							
Sundry debtors ..		81	0	2					Post Office Savings-bank				7	1	9	
		29,264	18	2												
Less amount owing to									<i>Arnold Atkinson Memorial</i>							
other accounts ..		140	13	11					<i>Prize Account—</i>							
					29,124	4	3		Inscribed stock ..	110	0	0				
<i>John Tinline Scholarship</i>									Accrued interest ..	4	19	0				
<i>Account—</i>									Fixed deposit ..	15	0	0				
Bank of New Zealand ..		104	0	5					Post Office Savings-bank	1	6	2		131	5	2
Post Office Savings-bank		115	8	7												
Mortgage ..		1,200	0	0					<i>Christie Prize Account—</i>							
Interest due on mortgage		30	0	0					Inscribed stock ..	92	2	0				
Fixed deposits ..		534	0	0					Accrued interest ..	11	0	0				
					1,983	9	0		Post Office Savings-bank	7	18	0		111	0	0
<i>University National Scholar-</i>																
<i>ship Account—</i>									<i>Sir J. G. Wilson Prize Account—</i>							
Bank of New Zealand ..					64	12	7		Amount held by General							
<i>Macmillan Brown Prize Ac-</i>									Account ..	158	12	0				
<i>count—</i>									Accrued interest ..	4	8	6		163	0	6
Inscribed stock and ac-																
crued interest ..		201	8	4					Total as per Balance-sheet on all accounts	£48,269	2	2				
Fixed deposit ..		140	10	0												
Post Office Savings-bank		10	11	7												
					352	9	11									
Carried forward ..					47,017	6	2									

E. T. NORRIS, Registrar.

The Audit Office having examined the balance-sheet and accompanying accounts, required by law to be audited, hereby certifies the same to be correct.—G. F. C. CAMPBELL, Controller and Auditor-General.

2. AUCKLAND UNIVERSITY COLLEGE.

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; J. M. Caughey, Esq.

Appointed by the Professorial Board—Professor C. W. Egerton, M.A.; Professor H. W. Segar, M.A.

Elected by members of the Legislature—J. F. Hosking, Esq.; T. W. Leys, Esq., LL.D.; G. H. Wilson, Esq.

Elected by Convocation—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—S. I. Crookes, Esq., M.I.E.E., M.N.Z.Soc.C.E.

Appointed by the Auckland Education Board—J. Boddie, 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.—M. Rocke O'Shea, B.Com.

REPORT (ABRIDGED).

SIR,—

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 1923:—

Number of Students.—The number of persons who attended lectures in this College in 1923 was 1,078: Graduates, 45 (male 37, female 8); undergraduates, 721 (male 542, female 179); non-matriculated students, 312 (male 230, female 82). The number of students who were exempted from attendance was 76 (male 62, female 14). The total number of students undertaking study during the year was 1,154 (male 871, female 283).

The Council.—During the year the following Councillors retired from office: Mr. G. L. Peacocke, Mr. W. J. Holdsworth, and Mr. E. C. Banks. To fill the vacancies thus created the following were appointed: Mr. J. M. Caughey, appointed by the Governor-General in Council; Mr. S. I. Crookes, appointed by the Auckland City Council; and Mr. James Boddie, appointed by the Auckland Education Board.

Staff.—During the year Professor Dettmann was appointed to the headmastership of the Sydney Boys' Grammar School. Professor Dettmann was first appointed to the Chair of Classics in 1908, and his resignation was received with great regret. Professor A. C. Paterson, M.A., has been appointed to fill the vacancy.

Workers' Educational Association.—The number of classes established in 1923 was nineteen, with 730 students, of whom 523 were effective. Approximately £50 was spent on libraries, and at the end of the year the District Council had in hand £251 16s. 2d. The College Council had for tutorial purposes £800 in hand. The social club again met monthly on Saturday evenings, and had considerable success. Two sets of lunch-hour lectures were given, one at the Chelsea Sugar-works and the other at the Farmers' Union Trading Company, the latter of which proved particularly successful. A week-end school, attended by fifty students, was held in October at Nihotapu. Comparatively little country work could be done owing to the growth of the movement in Auckland itself, where the number of students increased by something like 100 per cent. It was decided at the end of the year to improve the standard of the work by means of lecture notes, and to reorganize the movement by abolishing the part-time secretary and substituting a full-time office assistant to the Director.

Arts Building.—On the 23rd May, 1923, the foundation-stone of the new building was laid by the Right Hon. the Prime Minister, assisted by the Hon. the Minister of Education. During the year the building operations have progressed very satisfactorily, and it is hoped that the building will be complete in good time to allow opening the 1926 session in quarters more fitting for the important work performed by the College than they have hitherto occupied.

The Hon. the Minister of Education, Wellington.

GEO. FOWLDS, President.

STATEMENT OF ACCOUNTS.

RECEIPTS AND PAYMENTS FOR THE YEAR ENDED 31ST DECEMBER, 1923.

<i>Receipts.</i>			<i>Payments.</i>			
Balance, 1st January, 1923—	£	s. d.	£	s. d.	£	s. d.
Imprest		0 15 5			Arts Building—	
General	11,794	14 8			Progress - payments and architect's fees ..	34,044 5 9
In hand	32	15 5	11,828	5 6	Preliminary expenses ..	114 13 8
					Lighting contract ..	100 0 0
Government grants—						34,258 19 5
Statutory			12,452	1 8	Students' Building— Pro-	
Capitation			500	0 0	gress-payments and archi-	
Engineering building and alterations			325	11 2	tect's fees	2,240 17 3
Arts building			31,540	10 6	Retaining-wall, grounds, &c.	
University of New Zealand—					Less sale of material ..	3 15 0
National endowment grant	925	3 4				113 15 6
Less grant to Workers Educational Association	350	0 0	575	3 4	Science building and furniture	
					Engineering Building—	
Endowments—					Furniture	10 7 6
Rents from property ..	729	11 6			Arts accommodation ..	128 6 6
Interest on debentures ..	510	0 0			Office furniture and fittings	35 17 0
Education reserves ..	548	1 5	1,787	12 11		174 11 0
					Library	657 19 0
Interest—					Less refund	9 16 0
Mortgages	837	6 0				648 3 0
Debentures	16	0 0	853	6 0	Lecture requisites ..	1,337 15 11
					Less refunds	7 18 3
Students' fees			7,172	2 6		1,329 17 8
Laboratory deposits ..			34	2 2	Salaries and superannuation arrears	
New Zealand Society of Accountants—						17,891 10 8
Donation			100	0 0	Printing, advertising, and stationery	605 10 0
Subsidy			100	0 0	Less refunds	2 13 6
Royalties—						602 16 6
Holland, J. T.	85	10 10			Cleaning, lighting, and heating	332 10 2
Lamont, James	223	14 0			Water and electric power	135 1 6
McGregor, R. J.	56	18 4	366	3 2	Insurances	137 5 5
					Office expenses	46 4 4
New Building Fund—					Office special assistance (Sangar)	70 0 0
Donations	11,405	5 0			Annual examination expenses	181 3 9
Subsidies	6,555	5 0	17,960	10 0	Music examination expenses	80 18 10
					School of Music	7 13 0
Annual examination entrance fees	277	12 6			Repairs	26 0 3
Less refund	1	11 6	276	1 0	Travelling expenses	169 3 3
					Telegrams, postage, and exchange	142 6 11
Music examination entrance fees			100	14 0	Physics notes expenses	44 12 0
Sale of calendars, &c.			42	14 0	Premiums	668 17 1
Fines and lockers			34	1 0	Less refunds	3 1 4
Testing fees	317	8 6			Temporary accommodation	65 15 9
Less refunds	247	14 2	69	14 4	Property expenses	51 11 0
			13	5 0	Legal expenses	207 4 6
Sale of physics notes					General expenses	30 0 1
Chamber of Commerce Scholarship			20	0 0	Graduation expenses	51 6 8
Sir George Grey Scholarship			50	0 0	Interest and commission	15 1 6
Workers' Educational Association—					Audit fees	2 12 0
Statutory grant	500	0 0			Library maintenance	36 9 0
National endowment	350	0 0			Chamber of Commerce Scholarship	306 11 5
Donations and subsidies	338	3 0	1,188	3 0	Sir George Grey Scholarship	40 0 0
					Workers' Educational Association payments	50 0 0
Sundry receipts—					Balance in Bank of New Zealand, 31/12/23—	1,091 7 1
W. S. Gray			21	9 0	General Account	10,688 5 4
Hire of rooms			5	0 0	Less unrepresented cheques	53 16 10
						10,634 8 6
					Imprest	30 0 0
					Fixed deposit	16,000 0 0
						26,664 8 6
			£87,416	11 3		£87,416 11 3

BALANCE-SHEET AS AT 31ST DECEMBER, 1923.

(STATEMENT NO. 1.)

<i>Fixed Assets.</i>				<i>Liabilities.</i>						
	£	s.	d.	£	s.	d.	£	s.	d.	
Buildings and equipment—							Capital Account—Balance,			
New Arts Buildings ..	45,272	5	1				1st January, 1923 ..	147,363	1	0
Students' Buildings ..	4,099	15	6				Arts Building ..	34,144	5	9
Grounds, &c. ..	1,703	5	9				Students' Building ..	2,240	17	3
				51,075	6	4	Retaining-wall, grounds, &c.	117	10	6
Science Building ..				20,000	0	0				
Science equipment ..	9,566	12	5					36,502	13	6
Less depreciation ..	956	12	5							
				8,610	0	0				
Engineering Building ..	3,024	13	0							
Less depreciation ..	151	4	9							
				2,873	8	3				
Engineering equipment ..	4,168	1	5							
Less depreciation ..	416	16	5							
				3,751	5	0				
Furniture—										
Science Building ..	663	11	2							
Less depreciation ..	82	18	8							
				580	12	6				
Engineering Building ..	131	6	8							
Less depreciation ..	16	8	4							
				114	18	4				
Arts accommodation ..	427	5	6							
Less depreciation ..	53	8	0							
				373	17	6				
Office furniture and fittings ..				227	2	0				
Library ..	3,424	6	10							
Add 1923 additions ..	613	16	5							
	4,038	3	3							
Less depreciation ..	302	17	3							
				3,735	6	0				
Endowment lands ..				61,311	0	0				
Properties—										
Science Building site ..				5,920	0	0				
Arts Building site ..				24,500	0	0				
Balance (to Statement No. 2) ..				792	18	7				
				£183,865	14	6				
								£183,865	14	6

(STATEMENT NO. 2.)

<i>Assets.</i>				<i>Liabilities.</i>						
	£	s.	d.	£	s.	d.	£	s.	d.	
Cash at Bank of New Zealand—							Balance from Statement No. 1 ..	792	18	7
General Account ..	10,634	8	6				Endowment sales ..	10,246	0	0
Fixed deposit ..	16,000	0	0				New Building Fund—			
Imprest ..	30	0	0				Donations and subsidies	19,719	5	6
				26,664	8	6	Less survey fees ..	789	11	4
Endowment sales investment—								18,929	14	2
Auckland City Council debentures ..	10,200	0	0				Workers Educational Association Fund ..	789	1	9
War-loan certificates ..	46	0	0				Revenue—			
				10,246	0	0	Balance as at 1st January, 1923 ..	10,774	0	5
Mortgage investments ..				3,525	0	0	Less Workers' Educational Association share national endowment, 1922 ..	300	0	0
Auckland City Council debentures:				400	0	0		10,474	0	5
Unexpired insurances ..				82	9	4	Less 1921 student fees	128	0	0
Physics notes ..				31	7	0		10,346	0	5
Sundry debtors—							Plus refund Engineering equipment ..	325	11	2
Rent arrears, 1922 ..				190	5	2		10,671	11	7
Rent arrears, 1923 ..				112	3	4	Less excess expenditure over income ..	112	3	11
Mortgage arrears ..				24	7	6		10,559	7	8
Mortgage interest accrued ..				36	11	4		£41,317	2	2
Student fees arrears, 1921 ..				2	0	0				
Student fees arrears, 1922 ..				2	10	0				
				£41,317	2	2				
								£41,317	2	2

M. R. O'SHEA, Registrar.

3. VICTORIA UNIVERSITY COLLEGE COUNCIL.

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 D. M. Stout, Esq., M.D.
 Elected by Court of Convocation—C. Watson, Esq., B.A.; P. Levi, Esq., M.A.; A. Fair, Esq., LL.B.; and S. Eichelbaum, Esq., M.A., LL.B.
 Elected by teachers in primary schools—H. A. Parkinson, Esq., M.A., and F. H. Bakewell, Esq., M.A.
 Elected by members of Education Board—F. W. O. Smith, Esq., and R. McCallum, Esq.
 Appointed by Wellington City Council—M. F. Luckie, Esq.
 Elected by teachers in secondary schools and technical high schools—J. H. Howell, Esq., B.A., B.Sc.
 Elected by governing bodies of secondary schools—T. Forsyth, Esq.
 Elected by the Professorial Board—E. J. Wilson, Esq., M.A., B.Sc., and T. A. Hunter, Esq., M.A., M.Sc.

Staff.

Professors.—Classics—J. Rankine Brown, M.A. English—H. Mackenzie, M.A. Modern Languages—E. J. Wilson, M.A., B.Sc. (Chairman). Philosophy—T. A. Hunter, M.A., M.Sc. History—F. P. Wilson, M.A. (Dean of Faculty of Arts). Economics—B. E. Murphy, M.A., LL.B., B.Com. Education—J. S. Tennant, M.A., B.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.I. (Dean of Faculty of Science). Physics—D. C. H. Florance, M.A., M.Sc. Chemistry—P. W. Robertson, M.A., M.Sc., Ph.D. Geology—C. A. Cotton, D.Sc., A.O.S.M., F.G.S. Law—J. Adamson, M.A., LL.B. (Dean of Faculty of Law), and J. M. E. Garrow, B.A., LL.B.
Registrar—G. G. S. Robison, M.A.
Librarian—B. H. Ward, B.A.

REPORT (ABRIDGED).

SIR,—

Pursuant to section 44 of the Victoria College Act, 1905, the Council presents the following report for the year 1923 :—

The work of the College has continued throughout the year to be carried on successfully.

The number of students attending lectures during the session of 1923 was greater than in any previous year. For the purpose of comparison the following table gives particulars of attendances during the last three years :—

	Men.	Women.	Total.
1923—Matriculated	476	206	682
Non-matriculated	29	56	85
	505	262	767
1922—Matriculated	460	192	652
Non-matriculated	32	44	76
	492	236	728
1921—Matriculated	419	194	613
Non-matriculated	59	70	129
	478	264	742

It will be noted that there is a total increase of thirty-nine students attending classes, and that the number of matriculated students taking full degree courses has increased by thirty.

The number of exempted students has also shown a remarkable increase, as shown below :—

	Men.	Women.	Total.
1923	129	34	163
1922	85	23	108
1921	49	19	68

In this session three Junior University scholars, three University National scholars, and sixty-eight University bursars began their studies at this University College.

University Degrees and Scholarships.—In the University examinations held in November, 1923, 346 students passed sections of their Bachelor's degree, 35 obtained their Bachelor's degree in arts, 9 in science, 21 in law, and 3 in commerce; 2 obtained diplomas in education. At the same examinations 30 students obtained their Master's degrees; in arts, 19 (first-class honours 5, second-class honours 9); in science, 6 (first-class honours 3, second-class honours 2); in law, 5 (first-class honours 3, second-class honours 1).

Hostels.—The necessity of providing residential hostels for students is continually becoming more urgent. It is impossible for the Council to take any steps in this direction without financial assistance.

Special School of Agriculture.—As a consequence of Sir Walter Buchanan's munificent gift, the Council has appointed a Professor of Agriculture, and the appointee, Professor Peren, has now arrived in Wellington. It is most important that the department of agriculture should from the beginning be placed on a thoroughly sound basis, with proper provision for the necessary teachers, laboratories, and equipment. In order to do this the Council is compelled to rely on further financial grants from the Government, as Sir Walter Buchanan's gift, with the Government subsidy, forms a fund the income from which will provide little more than the professor's salary.

Day Teaching.—A scheme for gradually introducing day teaching in the College is being elaborated by the Professorial Board for submission to the Council.

Workers' Educational Association.—Twenty-one classes were inaugurated in this University district. Of these, twelve classes completed the full course, six completed three-quarter courses, and three completed half courses. Of these classes ten were held in Wellington, three at Wanganui, one at Feilding, three at Palmerston North, one at Levin, and three in the Buller district. The subjects of instruction were as follows: Economics (six), psychology (nine), sociology (one), literature (two), appreciation of music (one), chairmanship and public speaking (one), Spanish (one). 698 students enrolled in the various classes.

4. CANTERBURY COLLEGE.

Visitor.—The Hon. Minister of Education.

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

Appointed by His Excellency the Governor-General—Arthur T. Donnelly, Esq.; Leonard M. 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. G. M. Lester Lester, M.R.C.S., M.R.C.T., M.A.; Arthur E. S. Flower, Esq., M.A., M.Sc.; J. R. Cuninghame, 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 B. Wood, Esq., M.A.

Elected by School Committees—James Deans, Esq.; Henry D. Acland, Esq., B.A.; and Hugh Boyd, Esq.

Representatives of the Professorial Board—C. Chilton, M.A., D.Sc. (Rector), *ex officio*; and J. Hight, M.A., Litt.D., F.R.E.S.

Registrar.—L. A. Stringer, Esq.

Staff.

Rector.—Professor Chas. Chilton, M.A., D.Sc., LL.D.

Professors.—Classics—H. Stewart, C.M.G., M.A. Mathematics and Natural Philosophy—C. E. Weatherburn, M.A., D.Sc. English Language and Literature—A. Wall, M.A. French and German—T. G. R. Blunt, M.A. Chemistry—H. G. Denham, M.A., M.Sc., D.Sc., Ph.D. Engineering—Electrical: P. H. Powell, M.Sc., M.Eng., M.I.E.E., M.A.I.E.E.; Civil: R. A. Campbell, B.Sc., A.M.Inst.C.E.; Mechanical: S. Steele, B.Sc. Biology—C. Chilton, M.A., D.Sc., M.B., &c. History—J. Hight, M.A., Litt.D., F.R.E.S. Physics—C. C. Farr, D.Sc., F.P.S.L., F.N.Z.Inst.; Mental and Moral Philosophy—C. F. Salmond, M.A. Education—J. Shelley, M.A. Economics—J. B. Condliffe, M.A. Geology, Palæontology, and Physical Geography—R. Speight, M.A., M.Sc., F.G.S.

Lecturers, seven.

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

I now have the honour to place before you the fifty-first annual report of the Chairman of the Board. The College has therefore entered upon the second half of its first century of existence. If indeed it expands in the same proportion during the ensuing fifty years, our younger children, when the centenary of Canterbury College is being celebrated, may hope to see a noble University celebrating the foundation of the small College from which it sprang.

The year 1923 will be specially marked as that of the Jubilee of the College. Later I hope to make further reference to that inspiring event. Quite apart from its interest to us, who are associated with its government and work, the Jubilee established in the minds of the people of Canterbury an interest in the University that was formerly lacking.

I am glad to say that the depression of previous years is no longer apparent, and the finances of the Board are in a sound condition; nevertheless, it is our duty to carefully husband our resources, as we must recognize that the modern University is a most expensive institution, and if it is to carry out its work in the community in an efficient manner it cannot help being a veritable money-eater as years go on.

As has been the custom on former occasions, I give an abstract of our finances at the end of 1923, and ask you to peruse the tables attached to the report for further particulars.

Finance.—(1.) College: The revenue on the College Maintenance Account was £33,202, and the total payments £30,822. Revenue exceeded payments by £2,380. The revenue exceeded that of the previous year by £1,742, and payments were £43 less than in 1922. The principal items of income were—Rents, £15,535; fees, £5,277; Government grants, £2,472; national endowment, £2,777; boarding-fees, £4,581; and transfers from other departments, £4,034. Payments include—Salaries, £19,462; interest, £1,052; College library, £346; Workers' Educational Association, £350; contributions to School of Engineering, £866; hostels, £4,532; and apparatus, £611. The debit balance of the College Buildings and Sites Account was reduced by £986, and now amounts to £12,390.

(2.) School of Engineering: The total revenue of the School of Engineering was £10,055, being £2,207 more than last year, and the total payments were £7,837, being £87 less than last year. The revenue exceeded the payments by £2,218. There was a small decrease of £92 in fees, the total amount received being £2,304. Government grants were £5,957, including £1,421 on account of the year 1922. The amount paid on account of the new School of Engineering building was £7,992, and of this sum £6,307 was provided from the parliamentary grant made for the purpose.

During the year the Board, having decided to establish the title of "Professor Emeritus," conferred this dignity on three of its most distinguished professors who had retired from the service of the Board—namely, Professor John Macmillan Brown, Professor William Percival Evans, and Professor Robert Julian Scott.

The College received further benefactions, Mrs. Julia Wilding having given a sum of £100 to establish a lectureship in memory of her son Anthony, and her daughter Gladys, M.A., of Canterbury College, and Professor J. Macmillan Brown donated a sum of £250 to establish a prize in English composition.

Student life has been active during the year, several new societies being founded, such as the Science, Law, Choral, and Photographic Societies.

The teaching staff of the College now consists of fifteen professors, seven lecturers, and twenty-three assistant lecturers, assistants, or demonstrators. There were 430 matriculated men students, as against 324 in 1922, and 149 matriculated women students, as against 94 in 1922. The total number of matriculated students was 579, in addition to which there were 359 evening students, making a grand total of 938 students attending lectures at the College.

Professor Scott retired at the beginning of the year. There is no doubt the School of Engineering at Canterbury College will be for ever associated with its real founder, Robert Julian Scott. It is due to his personality and vigour that the school has obtained the pre-eminent position that it holds. Graduates of the school find that its diploma is one of the best introductions that a young man can have to the world of engineering.

The College hostels continue to attract large numbers of students, and the accommodation at both institutions is taxed to the utmost. Steps are being taken to enlarge the dining-room at Rolleston House with a view to providing for the increasing number of students coming into residence. The Board decided to place the discipline of Rolleston House under a president and council elected by the house from the students in residence, the president of the council to be directly responsible to the Board of Governors. The experiment has, up to the present time, been a decided success.

In the near future consideration must be given to the question whether the University of New Zealand is to be dissolved into four separate Universities. It has been found in other parts of the English-speaking world that the people are far more interested in their own local University than in a nebulous body which is seldom heard and never seen, such as is the University of New Zealand.

Workers' Educational Association.—The number of classes held in 1923 was twenty-seven, and, including one vocational class, the total number of students enrolled was 1,018. Of this number nearly 90 per cent. were active students, and the average attendance at classes exceeded 50 per cent.

A winter school was held at Hokitika, organized by the Westland Progress League. The object of this school was to give those persons engaged in rural pursuits in Westland an opportunity of getting into touch with modern methods in agriculture, and an insight into the theories of economics in relation to agriculture. The attendance was satisfactory, some farmers coming from a considerable distance to attend the lectures.

A successful week-end school was held at Timaru in November, at which about a hundred students attended the day lectures, and some three hundred the evening lectures. Considerable local interest was shown in the school, and it was instrumental in revealing to the general public the work and aims of the Workers' Educational Association.

During the Christmas holidays a most successful summer school was held at Geraldine.

A series of popular lectures was again a feature of the year's work, and attracted large and appreciative audiences.

ACCOUNTS AND BALANCE-SHEET OF CANTERBURY COLLEGE.

COLLEGE MAINTENANCE ACCOUNT.

<i>Receipts.</i>		£ s. d.		<i>Payments.</i>		£ s. d.	
Rent of Reserves—				Balance, 1st January		1,401	3 6
Classical		9,600	15 8	Salaries		19,462	7 5
Town		449	0 0	General expenses—			
Pastoral		4,602	0 0	Insurance		77	17 3
Coal-mining lease		375	0 0	Rates		34	11 11
Coldstream		508	13 6	Water-supply		21	6 0
Sale of boiler-pipes from Reserve 710		7	14 5	Advertising		36	2 8
Students' fees		5,276	13 0	Printing, stationery, and stamps		617	0 4
Examination fees		59	17 0	Repairs		198	19 10
Fees for popular lectures		19	8 6	Furniture and fittings		11	18 0
Examination fees—Pharmacy students		2	10 0	Washing and cleaning		49	16 10
Share of testing fees		1	11 6	Keeping grounds in order		190	17 9
House-rents		78	10 0	Heating and lighting		331	2 4
Rent of room (Philosophical Institute)		6	0 0	Legal expenses		38	17 3
Sales		4	5 3	Expenses of—			
Sale of College History and Register of				Music lectures		36	4 0
Graduates (Jubilee celebrations)		72	10 0	Students' club		69	14 3
Donations to College library		22	1 0	Botanical station		2	13 4
Grant from New Zealand Society of Accountants		100	0 0	Popular lectures		35	16 10
Grant under section 32 (b) of New Zealand University Amendment Act, 1914—				Inspection of reserves		217	16 11
National endowment		925	3 4	Endowments		45	6 8
Fines—Library		3	1 9	Election of Governors		22	18 11
Government grants—				Travelling-expenses, members of Board		44	15 3
Statutory grant		1,600	0 0	Jubilee celebrations		188	14 6
Towards salary of Professor of Education		750	0 0	Appointments		202	0 11
Subsidy (£1 for £1) on contribution from N.Z. Society of Accountants		100	0 0	College representative at Pan-Pacific Science Congress		30	8 6
Subsidy (£1 for £1) donations to College library		22	1 0	Auditing		54	18 0
Boarding fees—				Grants in aid of necessitous students		31	0 0
Rolleston House		3,191	17 6	Class prizes		83	5 10
Helen Cannon Hall		1,389	4 3	Prizes for first-class honours		26	5 0
Contributions—				Grant towards expenses of research course at Cambridge		50	0 0
From various departments toward—				Reception of graduates		10	6 8
Cost of inspection of reserves		274	3 5	Wall-maps and lantern-slides—economic history		5	10 0
Cost of administration		1,392	1 6	Painting exterior woodwork, College buildings		70	15 0
From School of Engineering toward instruction in mathematics		20	0 0	Apparatus—Professor of Education		75	8 10
From Boys' High School, for rent of playground and tennis-court		80	0 0	Sundries		245	14 9
From Medical School Reserves toward—				College library—			
Maintenance of Biology Department		875	0 0	Departmental Fund		184	18 0
Maintenance of Chemistry Department		750	0 0	Special Fund		94	4 1
Maintenance of Physics Department		625	0 0	Librarian's Fund		5	19 11
From Museum, Library, and School of Technical Science endowment toward College library		18	0 0	Binding		3	6 1
				Completing defective sets of journals		0	11 6
				Books for Greek art and literature		57	4 4
				Interest—			
				Maintenance Account		65	5 3
				Buildings (additions) Special Loan Account		459	2 8
				Buildings and Sites Account		356	17 10
				Heating, Lighting, and Power Installation Account		48	1 4
				Mortgages—Rolleston House properties		122	4 10
				Geology lectures		85	10 10
				Astronomical observatory		54	18 3
				Chemical laboratory		309	7 3
				Physical laboratory		408	13 5
				Biological laboratory		189	11 3
				Rolleston House—			
				Administration expenses		66	18 2
				Salaries and wages		929	16 1
				Provisions		1,613	12 3
				Heating and lighting		400	8 7
				Repairs and maintenance of buildings		86	0 2
				Insurance		35	10 6
				Other expenses		40	11 8
				Furniture		109	10 5
				Renewals of furniture		89	15 2
				Household requisites		29	2 6
				Renewals of household requisites		46	16 2
				Helen Cannon Hall—			
				Administration expenses		16	5 7
				Salaries and wages		377	5 8
				Provisions		383	13 6
				Heating and lighting		160	16 9
				Repairs and maintenance of buildings		87	0 9
				Insurance		4	18 4
				Other expenses		3	17 0
				Furniture		34	13 2
				Renewals of furniture		4	3 6
				Household requisites		5	17 10
				Renewals of household requisites		5	5 9
				Allocation to buildings sinking fund		200	0 0
				Contributions—			
				To School of Engineering—			
				For general		826	10 0
				For exhibitions		40	0 0
				To Workers' Educational Association		350	0 0
				Appropriations—Rent of tennis-court		7	10 0
				Buildings and Sites Account—Transfer of balance in reduction of debt on sites and buildings		778	11 0

£33,202 2 7

£33,202 2 7

COLLEGE BUILDINGS (ADDITIONS) SPECIAL LOAN ACCOUNT.

<i>Dr.</i>	£	s.	d.	<i>Cr.</i>	£	s.	d.
College Maintenance Account—Transfer of				Balance, 1st January, 1923	7,413	19	11
Interest	459	2	8	Interest	459	2	8
Balance, 31st December, 1923	7,413	19	11				
	£7,873 2 7				£7,873 2 7		

COLLEGE BUILDINGS AND SITES ACCOUNT.

<i>Dr.</i>	£	s.	d.	<i>Cr.</i>	£	s.	d.
Grant from national endowment under section 32 (a) of the New Zealand University Amendment Act, 1914	1,852	1	8	Balance, 1st January, 1923	5,961	16	0
College Maintenance Account—				Repayment of mortgage (Mrs. E. White) ..	1,645	3	8
Transfer of interest	356	17	10	Interest	356	17	10
Transfer of balance	778	11	0				
Balance, 31st December, 1923	4,976	7	0				
	£7,963 17 6				£7,963 17 6		

WORKERS' EDUCATIONAL ASSOCIATION ACCOUNT.

<i>Receipts.</i>				£	s.	d.	<i>Payments.</i>				£	s.	d.
Balance, 1st January, 1923				140	14	8	Salaries				1,102	13	7
Voluntary contributions				100	17	0	Books				14	6	6
Government subsidies				155	0	0	Travelling-expenses				97	7	4
College Maintenance Account				350	0	0	Grant towards expenses of summer schools				70	0	0
Grant under New Zealand University Amendment Act, 1919, for extension lectures				500	0	0	Grant for incidentals				10	0	0
Interest				1	9	11							
Balance, 31st December, 1923				46	5	0							
	£1,294 7 5							£1,294 7 5					

SCHOOL OF ENGINEERING AND TECHNICAL SCIENCE MAINTENANCE ACCOUNT.

<i>Receipts.</i>				£	s.	d.	<i>Payments.</i>				£	s.	d.
Balance, 1st January, 1923				557	16	1	Salaries				6,404	0	9
Students' fees				2,304	1	3	General expenses—						
Testing fees				14	13	6	Insurance				49	3	8
Fees for certificate of associateship ..				4	4	0	Heating, lighting, and power				217	0	2
Sales				1	6	0	Printing and stationery				129	1	8
Government grants—							Advertising				37	12	2
Statutory grant				2,000	0	0	Laboratory stores				34	9	1
Statutory grant (specialization) ..				1,285	5	0	Apparatus for civil engineering				100	13	4
Grant for material and apparatus—							Experimental-work apparatus—						
1922				167	0	4	Applied mechanics and mechanical engineering				68	1	10
1923				100	0	0	Hydraulics				45	0	2
Capitation for technical instruction—							Electrical engineering				33	7	10
1922				1,254	10	6	Stores and chemicals—Electrical engineering				9	6	1
1923				1,150	0	0	Upkeep of plant—Repairs to machinery				8	15	6
Contributions—							General supplies				126	15	4
From Museum, Library, and School of Technical Science Endowment ..				875	0	0	Repairs to buildings				67	7	1
From superior education reserves ..				866	10	0	Sundries				60	12	4
Interest—							Contributions—						
Maintenance Account <i>Cr.</i> 94 5 6							Share of administration expenses ..				266	6	4
Special Apparatus Account <i>Cr.</i> 25 9 10							Towards salary of assistant in mathematics				20	0	0
				119	15	4	Boys' High School for ground-rent ..				60	0	0
Building Account .. <i>Dr.</i> 87 0 0							Towards publication of Engineering Society magazine				10	0	0
				32	15	4	Exhibitions				40	0	0
	£10,613 2 0							£10,613 2 0					

GENERAL BALANCE-SHEET AT 31ST DECEMBER, 1923.

<i>Liabilities.</i>			<i>Assets.</i>		
	£	s. d.		£	s. d.
Capital Account—			Endowments—		
College	282,172	8 3	College—		
Boys' High School	124,656	19 1	Classical School reserves	189,498	0 0
Girls' High School	10,455	1 8	Chemistry and Physics	10,070	0 0
Medical School reserves	29,756	0 0	Superior education	95,380	0 0
Museum, Library, and School of Technical Science	128,728	11 10	Boys' High School	£146,512	0 0
General—			Less mortgaged	13,000	0 0
T. W. Adams School of Forestry Bequest Account	970	11 8		133,512	0 0
School of Engineering Maintenance Account	1,075	9 7	Girls' High School	11,535	0 0
School of Engineering Replacement and Contingencies Sinking Fund	3,338	5 5	Medical School reserves	29,485	0 0
School of Art Maintenance Account	8	7 7	Museum, Library, and School of Technical Science	114,525	0 0
School of Art Buildings Sinking Fund	2,594	7 4	General—		
Museum Maintenance Account	7	17 4	Workers' Educational Association Account	46	5 10
Museum Guide-book Sinking Fund	225	13 2	School of Engineering Special Apparatus Account	92	0 8
Museum Collections Sinking Fund	123	14 1	School of Engineering Building Account	43	7 3
Museum Buildings Sinking Fund	3,628	11 2	Investments in debentures and stock—		
Public Library Maintenance Account	162	8 6	General	6,000	0 0
Public Library Postle Bequest (Capital) Account	1,666	8 6	Memorial prizes	750	0 0
Public Library Buildings Account	1,964	18 7	Scholarship funds	7,487	10 0
Technical and Commercial Library Account	250	10 2	Bank of New South Wales—	£	s. d.
Joseph Haydon Prize Fund	314	2 1	No. 1 Account	Cr. 20,369	18 9
Charles Cook Memorial Scholarship Fund	1,132	10 4	No. 2 Account	Dr. 18,000	0 0
Robert Bell Scholarship Fund	3,383	17 7		2,369	18 9
Helen Macmillan Brown Bursaries	2,133	3 5	Less outstanding cheques	12	2 3
John Connal Scholarship Fund	1,158	19 8		2,357	16 6
Canterbury College Macmillan Brown Prize Fund	258	9 9			
Gladys and Anthony Wilding Memorial Fund	102	8 7			
Thomas Miller Prize Fund	101	0 9			
Oliver Garsia Essay Prize Fund	27	8 11			
Emily S. Foster Memorial Fund	76	15 11			
Helen Macmillan Brown Memorial Fund	98	5 1			
May Campbell Anderson Memorial Prize Fund	100	3 11			
Rosa Sawtell Prize Fund	108	10 4			
	£600,782	0 3		£600,782	0 3

EDUCATIONAL ASSETS UNDER THE CONTROL OF THE BOARD.

	Government Valuation as at 31st March, 1921.	Paid on Account for Additions since Government Valuation.	Total.	Remarks.
College (including School of Engineering)	£ 117,555	£ 16,744	£ 134,299	Subject to first mortgage, £1,000 (Public Trustee).
Boys' High School	49,050	4,742	53,792	
Girls' High School	27,435	506	27,941	Subject to first mortgage (State Advance £610, Strange £4,500), £5,110.
School of Art	10,680	..	10,680	
Museum	11,125	..	11,125	
Public Library	14,200	1,896	16,096	Subject to first mortgage, £3,000 (Public Trustee).
	£230,045	£23,888	£253,933	

L. A. STRINGER, Registrar.
C. C. KEMP, Accountant.

5. UNIVERSITY OF OTAGO.

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); W. M. Macdonald, C.B.E., B.Sc., M.D., &c.; James Rennie, B.A., B.Sc.

Elected by the professors—W. B. Benham, Esq., D.Sc., M.A., F.R.S.; Sir Henry L. 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, James Wallace, Esq.; elected by High School Boards, J. C. Stephens, Esq.; elected by the Southland Education Board, J. C. Thomson, Esq., M.P.; 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, J. S. Douglas, Esq., J.P.

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.; 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—Sir H. L. Ferguson, M.A., M.D., F.R.C.S.I.; History—J. R. Elder, M.A., D.Litt.; Clinical Medicine and Therapeutics—F. W. B. Fitchett, M.D., C.M.; Bacteriology and Public Health—C. E. Hercus, M.D., D.P.H., D.S.O., O.B.E.; Economics—R. A. Woodthorpe, M.A., F.S.S., F.R.E.S., F.R.Hist.S.; Education—R. Lawson, M.A., Litt.D.

Also lecturers, demonstrators, and assistants.

Registrar.—H. Chapman, Esq., B.A.

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

YOUR EXCELLENCY,—

I have the honour to forward herewith a report on the proceedings of the University of Otago for the year ended 31st December, 1923.

Staff.—Several changes of importance have taken place in the personnel of the staff during the year. Professor Pringle resigned his position as Professor of Economics, and the vacancy was filled by the appointment of the Ven. Archdeacon Woodthorpe. The University has also sustained a serious loss through the resignation of Professor Rawson, Dean of the Faculty of Home Science. Professor Strong, who has for the past three years very ably filled the post of Professor of Domestic Arts, has succeeded Professor Rawson as Dean of the Faculty.

For many years the subject of education has been in charge of a part-time professor or lecturer. During the past year, however, the Education Department offered to pay the salary of a full-time professor, and the Council naturally accepted the offer very readily. Dr. Richard Lawson, of the University of Melbourne, was appointed to the position. We feel assured that great benefit will accrue to our young teachers from this appointment.

Building Accommodation.—I have very much pleasure in reporting that during the year the Government, recognizing the necessity for increased accommodation for medical and dental students, approved of grants which will enable the Council to erect a new Medical School building to house the anatomy and physiology departments, and also a new Dental School building. Those buildings have been most urgently needed, and their erection will enable the work of these departments to be carried on with greater efficiency.

Nursing Diploma.—During the course of the year the Council was approached by the Trained Nurses' Association and urged to make provision for the award of a diploma in nursing. Recognizing that the provision of such a diploma will tend to raise the status of the nursing profession, the Council agreed to the request, and a tentative scheme has been adopted. Part of the course will be taken in the Home Science School, part at the Hospital, and part at the Medical School. Negotiations are still in progress with a view to placing the course on a satisfactory basis.

The Workers' Educational Association of Otago and Southland.—The tutorial classes carried on at the University, in the suburbs, and in the outlying districts have been well maintained. Owing to financial stringency, twenty-one classes only were held, compared with twenty-four in 1923. The number enrolled, however, 779, was the highest yet; but bad weather and prevalent sickness caused a decreased average attendance. The subjects studied included literature, economics, psychology (social and industrial), history (British and New Zealand), and social problems. In addition a course of interesting lectures was given in Dunedin on "Appreciation of art" in its various forms; and during the summer a number of excursions were arranged at which a number of lectures were given by various scientists. During the year Professor Woodthorpe was appointed Director.

Scholarships.—In the examinations of the University of New Zealand five of our students were successful in obtaining University Senior Scholarships, whilst one further student, Robert Stevenson Aitken, M.B., Ch.B., gained the Rhodes Scholarship.

I have, &c.,

ANDREW CAMERON, Chancellor.

EXTRACTS FROM ANNUAL REPORTS OF THE DEANS OF THE FACULTIES.

FACULTY OF ARTS AND SCIENCE.

(W. B. Benham, M.A., D.Sc., F.R.S., Dean.)

An important event, which marks an epoch in the history of the growth of the University, was the opening of the fine new Physics Building, where the department is now worthily housed, after being for fifty years confined to the basement and cellar of the original part of the University. The inaugural address on the occasion was delivered by Dr. E. Marsden, formerly Professor of Physics at Victoria University College, who took as his subject "The Life and Work of Sir Ernest Rutherford."

It is not without interest to note that a professor's work is not always confined to that defined in his agreement with the Council, for there are several members of this faculty who regard it as part of their duty, and as a privilege, to take a share in activities of various kinds outside the University, and thus to interest the public in the institution by means of lectures and addresses, and by taking part in other ways in the work of the community. Some also make time to carry on research and to encourage their students to pursue investigations in their particular departments of knowledge.

According to the statistics supplied by the Registrar it appears that the number of students in attendance at courses in these faculties has suffered a diminution of 135 as compared with last year, there being 334 during 1923. Of these 291 were taking courses in arts and 43 in science. For the first time for some years the number of women was less than the men—138 of the former and 196 of the latter. There were 42 graduates reading for honours or carrying on research.

Last year I recorded the fact that as many as fifty-two students came from other University districts; this year the number fell to forty-two, made up of six from Auckland, twenty from Wellington, and sixteen from Canterbury. It would be of interest to ascertain the reasons for so many preferring the education provided at Otago to that at their own University College.

FACULTY OF MEDICINE.

(Sir Henry L. Ferguson, M.A., M.D., &c., Dean.)

During the past year the work of the Medical School has been carried on smoothly. The total number of graduations during the year was sixty-seven, being four more than the previous year; the number of students attending classes was slightly smaller, being 357, as against 373; but the size of the classes is still taxing our accommodation and teaching staff very severely, and this pressure will continue to be felt until the new departments of anatomy and physiology are completed. The most important event in connection with the school last year was the decision of the Government to proceed with the erection of these buildings, a step which will have a far-reaching effect on the training of the profession of the future.

The mortality at the Intermediate Examination was less than in 1922, indicating that the change in the curriculum has resulted in greater efficiency in the teaching of the preliminary science subjects. The effect of the lengthened course on the First Professional Examination results will not be apparent till the end of this year.

The meeting of representatives of the Council of the University and of the Hospital Board to confer as to the appointments to the Hospital staff was a welcome innovation, as forecasting a closer co-operation of the two bodies in matters involving medical education.

During the year negotiations were entered into with the staff of the Christchurch Hospital with a view to making use of the clinical material in that institution for teaching purposes, and the thanks of the Council and faculty are due to this body for the spirit in which they offered to help us. The arrangements made promise to be of value to the school, and are at present being carried out.

DENTAL FACULTY.

(H. P. Pickerill, M.D., M.D.S., &c., Dean.)

During the year 1923, 103 students have been in attendance, of whom ninety were men and thirteen women; fifty-one were taking the degree course and fifty-two the certificate course.

Clinical Work.—Over sixteen thousand operations were done during the year. Patients' attendances totalled 17,032, an increase of 834 over last year. These operations have been performed for patients who could not afford to go to a private dentist, the usual limit of salary being £4 a week for patients with families. During the early part of the year an arrangement was come to with the Otago Branch of the New Zealand Dental Association to admit as patients University students and hospital nurses, in order to provide a class of patient who might afford to pay for precious metals, &c., used in the higher branches of dentistry. This arrangement has so far worked quite satisfactorily, and should, I think, meet the requirements. That over sixteen thousand dental operations should be necessary in one year for patients in Dunedin who could not otherwise afford dental treatment is a sad reflection on dental conditions in Dunedin, and especially of present-day children, and one cannot help wondering what would have been the state of their health if the Dental School did not exist here to look after them. Even with our very low fees—just to cover the bare cost of materials—patients with large families find it impossible to pay for the necessary treatment in many cases. If a fund were established, through private or public philanthropy, which could be drawn upon to assist such necessitous cases, it would be of enormous benefit.

Accommodation.—For the past four years I have reported in the strongest possible way as to the utter inadequacy of the accommodation, and the impossibility of carrying on efficient work and training under the present conditions. It is to be hoped that in the near future a start will be made with the building and equipping of a new Dental School which will be worthy of this University and of New Zealand.

SCHOOL OF MINES.

(James Park, Dean.)

During the session of 1923 the School of Mines was attended by fifty-five students, of whom seventeen were taking the full course for the Bachelor of Engineering (Mining) or the Associateship in Mining; ten the classes in engineering construction and strength of materials as prescribed for the B.E. (Architecture); twenty-four the course in dental metallurgy as for the degree of B.D.S.; and four casuals taking special instruction in oil and paint testing.

Three students completed the Third Professional Examination for the B.E. (Mining), and two the First Professional. Of the remainder all but three passed the term examinations.

During the year 118 rocks and minerals were examined for the public and reported on by the Director free of charge; and forty-six lots of ore, coal, &c., involving eighty-three separate assays, were reported on by the Metallurgist at schedule rates.

FACULTY OF LAW.

(J. B. Callan, LL.B., Dean.)

Thirteen students attended classes in constitutional history, of whom eight kept terms. Six students attended classes in jurisprudence, of whom three kept terms. There is no teaching in Roman law, international law, or conflict of laws at the Otago University. This is regrettable. The absence of teaching in these subjects is one of the factors that militates against students taking a degree course. Classes in the law professional subjects were held as in previous years.

The faculty met during the year and considered the whole question of legal education. A lengthy report was sent to the Registrar of the University of New Zealand, detailing the various respects in which the faculty considered the present course unsatisfactory. The report is too lengthy and detailed to admit either of quotation or of summary here. It is sufficient to mention that the faculty unanimously considered (1) that the present system affords no adequate test of fitness for admission to the legal profession; (2) that the standard of general education of many law students is too low; (3) that the course is altogether too short; (4) that the absence of any requirement as to practical work is a very serious defect of the present system. The whole matter has been taken up by the New Zealand Law Society, who have put themselves in communication with their Honours the Judges.

FACULTY OF HOME SCIENCE.

(G. Helen Benson, Dean.)

Students.—There were seventy-three students on the roll: of these, thirty-three were attending the degree course, thirty-seven the diploma, and three special courses. For the first time a graduate student returned for a year of post-graduate study after several years of teaching. At the end of the year twenty-six students left the department—seven having qualified for the B.Sc. in home science, and twelve for the diploma in home science.

Curriculum.—The chief feature of interest is that several students holding the degree or diploma are desiring more advanced graduate work in home science. One student returned after five years of teaching experience for a post-graduate course, and she was greatly impressed by the advance made in this work during her absence. Five home-science graduates have left for America this year. Three are attending post-graduate courses at Columbia University, New York, and two have entered John Hopkins Hospital as pupil dieticians. This demand for advanced work encourages us to hope that an honours degree in home science will soon be obtainable from the New Zealand University.

Extension Work: Home Economics Association.—This association of housewives has now become very definitely established in Dunedin. There are branches in the chief suburbs, and monthly lectures have been given throughout the year in the Home Science Department. The average attendance at these lectures has been 120, the highest 210. In connection with this association a display and series of demonstrations were given at the Winter Show, and a second display was arranged for the Dunedin Health Week, when Professor Rawson also gave a lecture.

Needs of the Department.—The outstanding need is a practice-house in which small-scale housekeeping can be carried on. This house would also supply the extra accommodation which is needed. It has been reported for three years that the roof of the Home Science Building is most unsatisfactory. The continual leaks are disfiguring the plaster, and will cause more fundamental damage if the matter is not taken in hand.

Studholme House.—The accommodation at Studholme House was this year taxed to its limit, and nine senior students were obliged to leave the house in order to make room for juniors. The influenza epidemic considerably disorganized the general routine, and emphasized the unsuitability of the house as a students' college. An isolated room equipped for nursing the sick would be a great saving both in prevention and cure of the sick.

In conclusion, may I say that the department has been fortunate in the personnel of the staff, who one and all have done their utmost to further the interests of the school. In resigning from the position of Dean I thank the University Council for the encouragement and sympathy which has been extended to me, and, in particular, I owe much to the ever-ready interest and help of the Home Science Committee of the Council.

STATEMENT OF ACCOUNTS.

STATEMENT OF RECEIPTS AND PAYMENTS OF THE UNIVERSITY OF OTAGO FOR THE YEAR ENDED 31ST DECEMBER, 1923.

<i>Receipts.</i>				<i>Payments.</i>		£ s. d.	
Donations and contributions—		£	s. d.	Balance on 31st December, 1922	..	2,151	17 4
City Council, for Museum .. ..	..	200	0 0	Salaries (less superannuation deductions) ..	..	35,759	4 8
New Zealand Society of Accountants ..	..	100	0 0	Superannuation contributions ..	..	1,671	17 2
Mr. J. Studholme .. ..	..	100	0 0	Students' fees paid to professors ..	..	4,557	2 1
Presbyterian Church Board .. ..	..	2,500	0 0	Fees refunded to students ..	..	147	2 1
Otago Hospital Board .. ..	..	1,150	0 0	Equipment .. ..	..	2,136	3 8
New Zealand University, from national endowments .. ..	..	925	3 4	Material .. ..	..	2,836	15 8
Workers' Educational Association District Council .. ..	..	125	0 0	Library .. ..	..	748	8 7
Miscellaneous .. ..	..	172	4 0	Contracts and other new works—			
Rents—				Completion Physics Building ..	..	831	3 11
Otago runs .. ..	..	3,888	0 3	Dental School additions ..	..	605	13 6
Southland runs .. ..	..	993	16 8	Dental School flood repairs ..	..	562	16 9
Castle Street property .. ..	..	305	0 0	Completion, heating contract ..	..	153	18 9
Education Board .. ..	..	0	5 0	Fittings, new Physics Building ..	..	4,351	7 10
Professors' houses .. ..	..	312	0 0	Architect's fees, New Medical School ..	..	900	0 0
Caretaker, Medical School .. ..	..	13	0 0	Sundry contracts .. ..	..	609	15 9
King Street property .. ..	..	376	10 8	Sundry other new works ..	..	528	14 6
Fees—				Printing, advertising, and stationery ..	..	844	11 1
Students' fees .. ..	..	20,630	19 11	Repairs .. ..	..	424	8 7
Assay fees .. ..	..	36	7 6	Water, light, and fuel .. ..	..	1,297	0 3
Fees for chemical analyses .. ..	..	34	13 0	Insurance .. ..	..	358	12 1
Dental patients' fees .. ..	..	2,442	0 10	Law-costs .. ..	..	31	11 6
Bacteriology reports .. ..	..	410	1 8	Miscellaneous—			
Pathology reports .. ..	..	362	19 0	Works in grounds .. ..	..	185	9 0
Government grants—				Professor Strong, travelling-expenses ..	..	100	0 0
Statutory .. ..	..	8,200	0 0	General .. ..	..	1,462	6 10
Various building grants .. ..	..	6,280	11 2	Sundries—			
Fees, returned soldier students ..	..	750	0 0	Payment of dental bursaries ..	..	434	3 6
Dental bursaries .. ..	..	900	0 0	Chamber of Commerce prizes ..	..	13	17 2
Teachers' salaries .. ..	..	555	19 6	Debentures purchased .. ..	..	1,000	0 0
School of Mines annual grant ..	..	750	0 0	Payment to Technical College ..	..	36	4 0
Bacteriology and pathology .. ..	..	1,200	0 0	Professor Strong, for purchase of apparatus .. ..	..	50	0 0
Analysts' laboratory .. ..	..	100	0 0	Purchase of ethnological material ..	..	567	9 2
National endowment .. ..	..	1,852	1 8	Interest on debentures .. ..	..	420	0 0
For Workers' Educational Association ..	..	500	0 0	Hospital Board, for erection of class-room	..	212	10 0
Subsidies .. ..	..	370	19 9	Rent, King Street property .. ..	..	336	15 4
Capitation .. ..	..	1,058	2 0	Sir George Grey Scholarship .. ..	..	50	0 0
For scholarship .. ..	..	60	0 0	Home science bursary—travelling-expenses .. ..	..	10	0 0
Interest on investments .. ..	..	3,008	13 5	Fees for chemical analyses .. ..	..	16	16 0
Miscellaneous—				Assay fees paid to professor .. ..	..	16	11 9
Hocken Library—Income .. ..	..	101	17 0	Other sundry payments .. ..	..	271	19 2
Sale of notes and instruments ..	..	63	18 4				
Popular lecture receipts .. ..	..	17	16 0				
Sale of curios .. ..	..	30	0 0				
Refund from Dr. Milligan .. ..	..	9	0 6				
Grant for Court of Convocation ..	..	15	15 0				
Calendar sales .. ..	..	1	11 0				
Deposit at call cashed .. ..	..	200	0 0				
Refund from Beverly Account ..	..	278	0 0				
Refund from Studholme Account ..	..	229	17 5				
Sundries .. ..	..	250	4 8				
Bank balance overdrawn .. ..	..	3,707	12 2				
Cheques outstanding (less cash in hand)	..	1,122	6 3				
		£66,692	7 8			£66,692	7 8

ARTS AND GENERAL ACCOUNT FOR THE YEAR ENDED 31ST DECEMBER, 1923.

<i>Dr.</i>	£	s. d.	<i>Cr.</i>	£	s. d.		
Bank charges	15	0 0	Balance on 1st January, 1923 ..	..	90	11 3
Fees paid to professors and lecturers	1,413	0 0	Calendar sales .. ..	..	1	11 0
Income-tax Department	13	2 6	Donations .. ..	..	126	5 0
Contracts—				Government grants .. ..	..	10,235	19 1
Old Physics Building	68	1 8	Interest on investments .. ..	..	1,320	9 4
New Physics Building	831	3 11	Presbyterian Church Board .. ..	..	2,500	0 0
Janitor's house	208	3 1	Popular lectures .. ..	..	17	16 0
Asphalting grounds	155	0 0	Rent—			
Heating	153	18 9	Castle Street .. ..	..	315	0 0
Fittings, new Physics Building	4,474	9 1	Education Board .. ..	..	0	5 0
Salaries	14,182	11 4	Professors' houses .. ..	..	312	0 0
Equipment—				Southland runs .. ..	..	1,097	8 2
Physics	395	7 8	Otago runs .. ..	..	4,701	17 10
Chemistry	135	17 6	Sale of instruments and notes ..	..	24	10 0
Biology	343	7 10	University of New Zealand ..	..	225	3 4
General	66	18 10	Sundry receipts .. ..	..	113	1 5
Material—				Students' fees .. ..	..	8,153	19 7
Physics	10	19 4	Timber licenses .. ..	..	115	1 9
Chemistry	151	5 0	Balance .. ..	..	169	11 2
Biology	54	12 10				
Library	365	7 9				
New works	207	7 5				
Printing	464	4 5				
Repairs	142	10 3				
Water, light, and fuel	336	13 4				
Miscellaneous expenses	638	16 7				
Insurance	140	9 10				
Law-costs	15	4 6				
Interest on debentures	420	0 0				
Transfer Debit Balance—							
Dental School	1,851	19 3				
Medical School	338	10 1				
Mining School	1,525	2 8				
Museum	397	15 6				
		£29,520	9 11			£29,520	9 11

MEDICAL SCHOOL ACCOUNT FOR THE YEAR ENDED 31ST DECEMBER, 1923.

<i>Dr.</i>	£	s.	d.	<i>Cr.</i>	£	s.	d.
Payments, practical midwifery class ..	33	12	0	Grant from Otago Hospital Board ..	650	0	0
Class-room at Hospital ..	212	10	0	Donations ..	64	19	0
Fees paid to professors ..	3,068	8	2	Pathology fees ..	412	1	6
Equipment—				Bacteriology fees ..	467	2	8
Anatomy ..	72	6	0	Government grants ..	5,970	17	0
Bacteriology ..	93	14	5	British Medical Association grant for library ..	16	8	0
Pathology ..	152	8	3	Rent—			
Physiology ..	192	15	0	King Street property ..	79	16	7
General ..	45	9	11	King Street caretaker ..	13	0	0
Material—				Sale of instruments, &c. ..	27	10	0
Anatomy ..	360	1	0	Sundry receipts ..	117	0	9
Bacteriology ..	216	1	9	Wolf Harris income ..	135	14	6
Pathology ..	333	13	5	Interest on Mary Glendining gift ..	761	6	5
Physiology ..	113	3	6	Students' fees ..	9,417	13	6
Library ..	248	12	7	Transfer to Arts and General Account ..	338	10	1
Contracts—Architect's fees, extension to Medical School ..	900	0	0				
New works ..	75	8	3				
Printing, advertising, and stationery ..	138	17	3				
Repairs ..	114	9	7				
Water, light, and fuel ..	518	16	0				
Miscellaneous expenses ..	374	15	10				
Insurance ..	62	11	1				
Law-costs ..	3	2	6				
Salaries ..	11,141	3	6				
	<u>£18,472</u>	<u>0</u>	<u>0</u>		<u>£18,472</u>	<u>0</u>	<u>0</u>

MINING SCHOOL ACCOUNT FOR THE YEAR ENDED 31ST DECEMBER, 1923.

<i>Dr.</i>	£	s.	d.	<i>Cr.</i>	£	s.	d.
Fees paid to professors ..	39	17	6	Assay fees ..	18	3	9
Salaries ..	2,684	13	8	Government grants ..	1,069	16	0
Equipment ..	101	16	5	Sundry receipts ..	1	2	0
Material ..	39	15	10	Students' fees ..	513	14	0
Library ..	54	6	8	Transfer to Arts and General Account ..	1,525	2	8
New works ..	42	18	6				
Printing, &c. ..	18	5	1				
Repairs ..	26	13	11				
Water, light, and fuel ..	74	14	9				
Miscellaneous expenses ..	26	6	3				
Insurance ..	18	9	10				
	<u>£3,127</u>	<u>18</u>	<u>5</u>		<u>£3,127</u>	<u>18</u>	<u>5</u>

DENTAL SCHOOL ACCOUNT FOR THE YEAR ENDED 31ST DECEMBER, 1923.

<i>Dr.</i>	£	s.	d.	<i>Cr.</i>	£	s.	d.
King Edward Technical College ..	36	4	0	Grant from Hospital Board ..	500	0	0
New works—				Dental patients' fees ..	2,442	0	10
Contracts ..	673	6	9	Government grants—			
Flood repairs ..	562	16	9	Statutory grant ..	635	10	0
Salaries ..	3,837	14	7	Buildings ..	605	13	6
Equipment ..	327	12	8	Sale of instruments, &c. ..	7	18	4
Material ..	1,474	12	2	Sundry receipts ..	12	8	0
Library ..	18	11	1	Students' fees ..	1,653	12	0
New works ..	46	6	10	Transfer to Arts and General Account ..	1,854	19	3
Printing, &c. ..	149	5	11				
Repairs ..	35	5	0				
Water, light, and fuel ..	199	18	5				
Miscellaneous expenses ..	315	13	11				
Insurance ..	25	4	10				
Law-costs ..	9	9	0				
	<u>£7,712</u>	<u>1</u>	<u>11</u>		<u>£7,712</u>	<u>1</u>	<u>11</u>

HOME SCIENCE SCHOOL ACCOUNT FOR THE YEAR ENDED 31ST DECEMBER, 1923.

<i>Dr.</i>	£	s.	d.	<i>Cr.</i>	£	s.	d.
Fees paid to professors ..	9	9	0	Balance ..	2,289	9	7
New works—Contracts ..	76	7	9	Donations ..	100	0	0
Salaries ..	2,632	12	11	Government grants ..	2,281	1	6
Equipment ..	190	2	3	Sale of notes ..	4	0	0
Material ..	75	15	4	Sundry receipts ..	16	17	0
Library ..	44	10	7	Students' fees ..	1,222	7	3
New works ..	87	1	0				
Printing &c. ..	59	4	6				
Repairs ..	33	10	5				
Water, light, and fuel ..	78	13	4				
Miscellaneous expenses ..	249	5	8				
Insurance ..	19	5	10				
Balance ..	2,357	16	9				
	<u>£5,913</u>	<u>15</u>	<u>4</u>		<u>£5,913</u>	<u>15</u>	<u>4</u>

WORKERS' EDUCATIONAL ASSOCIATION ACCOUNT FOR THE YEAR ENDED 31ST DECEMBER, 1923.

<i>Dr.</i>	£	s.	d.	<i>Cr.</i>	£	s.	d.
Library	10	4	5	Balance	143	19	8
Expenses	72	11	1	Share of Government grant	125	0	0
Salaries	1,110	3	6	Donation	50	0	0
				Government grants	500	0	0
				University of New Zealand	300	0	0
				Balance	73	19	4
	<u>£1,192</u>	<u>19</u>	<u>0</u>		<u>£1,192</u>	<u>19</u>	<u>0</u>

BALANCE-SHEET AS ON 31ST DECEMBER, 1923.

<i>Liabilities.</i>			£	s.	d.	<i>Assets.</i>			£	s.	d.
Capital Account—						Debentures and inscribed stock	55,939	5	0		
Sales of property			3,812	5	9	Companies shares	2,500	0	0		
Dunedin Savings-bank			6,500	0	0	Cash on deposit	12,018	14	7		
Glendining gift			16,675	10	1	Sundry debtors—					
Wolf Harris endowment			2,100	0	0	Bacteriology fees due	309	1	2		
Benmore exchange			255	0	0	Pathology fees due	192	16	0		
Subscribed fund			2,249	0	0	Sundry students' fees due	46	4	0		
Lothian bequest			600	0	0	Studholme House payment due	265	19	0		
Moritzson gift			222	3	0	Beverly Trust payment due	297	10	0		
Donald Reid trust			6,031	11	2	Government grants due	1,507	14	3		
Ethnology gift			5,093	19	9	Timber royalty unpaid	18	11	9		
Sir John Roberts endowment			2,040	0	0	Ethnology Income Account overdrawn	58	12	6		
Dr. Barnett's fund			2,000	0	0	Workers' Educational Association Account overdrawn	73	19	4		
The Dean's fund			2,305	10	6	Maheno Marama Hall Account payment due	81	19	10		
Mrs. Oliver's bequest			2,506	17	0	Rents due—					
Government grant			6,500	0	0	Otago runs	5,125	8	4		
Ethnology Museum Building Account			6,606	7	9	Southland runs	776	4	6		
Unexpended balances of special accounts—						Castle Street	14	0	0		
Anatomy research			62	10	9	Education Board	8	0	5		
British Medical Association			51	8	11	Professors' houses	97	10	0		
Dental bursary grant			8	8	0	King Street property	95	8	8		
Chemistry Apparatus Fund			44	19	4	Arts and General Account—Debit balance	169	11	2		
Ethnology books donation			1	5	7						
Hocken Library Account			317	9	10						
Hocken Library Books Committee			96	17	0						
Grant from Hospital staff			750	0	0						
Balance of insurance-money on Physiology Department			231	11	10						
Physiology research			56	16	5						
Chamber of Commerce			9	7	5						
Government advances			4,000	0	0						
Income accounts at credit—											
Moritzson Account			11	19	10						
Dr. Barnett's Account			277	8	3						
Sir John Roberts Account			239	7	11						
Sundry creditors—											
Fees due to professors			405	3	8						
Education Department—King Street rent			311	11	2						
Assay fees due to Professor Waters			4	4	0						
Chemical analysis fee due to Dr. Inglis			0	10	6						
Students' fees to be refunded			21	14	6						
Bank of New Zealand overdraft			4,829	18	5						
Home Science School—Credit balance			2,357	16	9						
			<u>£79,588</u>	<u>15</u>	<u>1</u>				<u>£79,588</u>	<u>15</u>	<u>1</u>

6. CANTERBURY AGRICULTURAL COLLEGE (LINCOLN).

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, M.P.; and R. W. Lochhead, Esq.

Elected by governing bodies of agricultural and pastoral associations—John Deans, Esq.; Thos. Blackley, Esq.; and W. T. Ritchie, 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.—M. J. Scott, B.A., B.Sc.

Lecturer on Applied Mathematics, &c.—N. P. Neale, B.Sc., B.Ag.

REPORT OF THE DIRECTOR (ABRIDGED).

Fifty-three students were enrolled in 1923, the number in residence being up to the full limit of accommodation. Of these, eight were holders of agricultural bursaries under the Education Department, and one held a Kitchener Scholarship.

Eleven students sat for various subjects set by the New Zealand University for the Bachelor of Agriculture degree. Five students or ex-students completed the degree course, bringing the total number who have obtained the degree up to seventeen, while nine others will complete their attendances at College this year, and should, in the ordinary course, obtain the degree at the end of 1924.

The work of the students, both in class and on the farm, has been satisfactory. Competition for the scholarships and prizes offered was very keen. Twenty-four students left at the end of the year; of these, four had been in residence for one year, three for two years, and seventeen had completed the full course. Of the latter, thirteen satisfied the examiners and were awarded the diploma of the College.

The College and farm buildings have been kept in a good state of repair, and many necessary improvements have been effected during the year. The farm buildings, which were erected over forty years ago, of wood and iron, have now reached a state where repairs are impossible and replacement is necessary. This, and the question of new laboratories, have been exercising the minds of the Board for some time. The Board feels that the work should be done. The present laboratories are not in keeping with modern requirements, either in regard to the teaching or research being carried on at the College. The farm buildings are worn out, and new buildings will have to be erected. The Board have no funds at their disposal for carrying out these improvements, but they feel confident that once their claim is brought before Parliament the necessary funds will be placed at their disposal.

The farm has been maintained at its high state of fertility. The best evidence of the truth of this statement is that the grain-yield for 1923 was the highest obtained on the College farm since the inception of the College. The live-stock have also been maintained at their former high standard, and continue to be a useful source of revenue as well as of high educational value to the students. The usual large gathering of farmers attended "Farmers' Day" at the end of 1923, and were given every opportunity of seeing stock and crops.

The Hon. Minister of Education, Wellington.

I have, &c.,

R. E. ALEXANDER, Director.

(Statement of accounts not available.)

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