

SESSION II.
1921.
NEW ZEALAND.

EDUCATION:
HIGHER EDUCATION.

[In continuation of E.-7, 1920.]

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

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HIGHER EDUCATION.

No. 1.—EXTRACT FROM THE FORTY-FOURTH 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 1920–21 was £3,348.

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. These grants were recently increased, and are now 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 1920 being £29,597. 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 1920–21 being £1,674. 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. £4,618 was paid to the colleges by way of subsidy in 1920–21, and £37,243 as grants for extended buildings and sites.

The total amount paid by the Education Department on account of the University of New Zealand and the affiliated colleges for the year 1920–21 was £109,242, as against £68,975 in the previous year, the grants for buildings and sites being £37,000, or £29,000 more than 1919–20. The total expenditure of these institutions on University education (exclusive of trust funds) was £180,000.

NEW ZEALAND UNIVERSITY.

The University conducted examinations in 1920 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 2,927 entrants for the degree examinations in 1920, compared with 2,413 in 1919, 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 1920.

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 Medicine	7	..	7	7	..	7
Master of Science	1	..	1	..	..	..	..	..	..	1	..	1
Honours in Science	4	..	4	2	..	2	2	..	2	8	..	8
Honours in Arts	4	1	5	2	3	5	4	3	7	3	6	13	10	23
Master of Arts	4	..	4	3	4	7	1	2	3	2	1	10	7	17
Honours in Commerce	1	..	1	..	..	..	..	..	..	1	..	1
Honours in Law	3	..	3	..	..	..	..	..	..	3	..	3
Master of Law	2	..	2	..	..	..	..	..	..	..	..	2	..	2
Bachelor of—															
Arts	12	6	18	14	12	26	7	11	18	16	8	24	49	37
Science	4	..	4	4	1	5	3	..	3	6	3	9	17	4
Medicine and Surgery	25	4	29	25	4	29
Laws	10	..	10	16	1	17	9	..	9	3	..	3	38	1
Commerce	1	1	2	..	..	..	1	1	2	..	..	..	2	2
Engineering (Civil)	5	..	5	..	..	..	5	..
Engineering (Electrical)	3	..	3	..	..	..	3	..
Science in Home Science	6	6	..	6	6
Agriculture	2	..	2	..	..	..	2	..
Senior University Scholarships	1	1	2	2	2	4	2	..	2	6	..	6	11	3
John Tinline Scholarship	1	1	..	1	1
Totals, 1920	38	9	47	50	23	73	39	17	56	70	26	96	197	75
Totals, 1919	41	9	50	41	22	63	22	14	36	75	25	100	179	70

In addition to these successes, 1,782 candidates passed sections of the examinations for degrees or for admission to professions; 57 gained certificates of proficiency. There were 139 candidates for the Entrance Scholarship Examination, 32 gaining scholarships, 42 others passing the examination with credit, and 40 qualifying for Matriculation. The number of candidates for the Matriculation Examination was 2,987, of whom 832 passed the whole examination, 351 completed partial passes, and 565 gained partial passes. In a number of cases the Senate granted passes in sections or in individual subjects to students who had enlisted.

Up till the present the examinations in arts and science have been conducted by examiners appointed in Great Britain. At its last meeting the Senate agreed to conduct these examinations up to pass grade in New Zealand by the appointment of overseas or external examiners in the several subjects, who will control the examinations in co-operation with the teachers in the affiliated colleges, very much in the way in which all examinations are conducted in almost all the Home universities, and in which medical examinations are at present conducted in New Zealand. In the event of its being impossible to secure a competent assessor in any subject or subjects in New Zealand the Senate proposes to conduct the examination in such subject or subjects as at present.

The following table shows the principal receipts and payments of the University of New Zealand for the year 1920 :—

I.—GENERAL ACCOUNT.

<i>Receipts.</i>			£	<i>Payments.</i>			£
Balance, 1st January, 1920	..	..	5,722	Transfer to Ordinary Scholarship Account	..	..	1,500
Statutory grant	..	..	3,750	National endowment	..	..	3,348
National endowment	..	..	3,348	Examinations	..	..	7,584
Fees	..	..	15,072	Office salaries and rent	..	..	1,568
Miscellaneous	..	..	428	Expenses of Senate meetings and elections	..	..	676
				Miscellaneous	..	..	1,634
				English agent	..	..	3,980
				Balance, 1st January, 1921 (including balance in hands of English agent)	..	..	8,030
			<u>£28,320</u>				<u>£28,320</u>

II.—ORDINARY SCHOLARSHIP ACCOUNT.

<i>Receipts.</i>			£	<i>Payments.</i>			£
Balance, 1st January, 1920	..	..	29,354	Scholarships	..	..	3,671
Transfer from General Account	..	..	1,500	Balance, 1st January, 1921	..	..	28,775
Interest	..	..	1,592				
			<u>£32,446</u>				<u>£32,446</u>

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

AFFILIATED COLLEGES.

(Tables M 1 and M 3.)

The number of students in attendance at the four University colleges in 1920 was 3,672 (2,327 men and 1,345 women), compared with 2,961 in the preceding year. The figures again show a large increase, particularly in the number of men students. The rolls for the years 1914, 1918, 1919, and 1920 were as follows :—

	1914.	1918.	1919.	1920.
Men	1,376	1,122	1,831	2,327
Women	758	1,018	1,130	1,345
Totals	2,134	2,140	2,961	3,672

Since 1914 the number of students has increased by 72 per cent., and since 1919 by 24 per cent. The students are classified as follows: Graduates, 147; undergraduates, 2,350; non-matriculated students, 914. In addition to the matriculated students mentioned above there were 150 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 3,672 students attending University colleges, 1,599, or 44 per cent., were receiving free tuition, being the holders of scholarships, bursaries, or training-college studentships. The number is greater by 251 than it was in 1919.

In addition to the students attending the four University colleges, fifty-five students, of whom eight 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.

Table M 3 shows the various subjects taught and the number of students at each college studying them. There were 552 law students, 335 medical students, 374 engineering and mining students, 484 students of economics, 335 students of education, 72 women students of home science, besides large numbers studying languages, mathematics, and various branches of science.

The number of full-time professors employed in the four University colleges at the end of 1920 was as follows: Auckland, 9; Victoria, 11; Canterbury, 12; Otago, 19: total, 51. In addition a number of part-time professors and large staffs of lecturers and assistants were employed. The statutory grants to University colleges were increased in 1920 in order that the salaries and strength of the staffs might be increased where necessary. This has been done, with the result that the average salary of the full-time professors rose from £763 in 1919 to £830 in 1920. The total expenditure by the colleges on salaries also shows an increase of £11,412 over that of the previous year.

Finances of the Affiliated Colleges, 1920.

Table M 4 shows in summary form the receipts and payments of the University colleges, excluding those in connection with special trusts and non-university institutions under the control of the College Councils. The receipts from the Government directly and indirectly through the University of New Zealand totalled £94,624; the receipts from endowments were £29,597, and from fees £31,685. The total receipts were £178,293, as compared with £130,567 in 1919. The payments on account of administration amounted to £11,638; salaries, £74,888; and sites and buildings, £38,129. The total payments were £157,192, as compared with £127,545 in the previous year. The principal expenditure on sites and buildings was in connection with the erection of a new wing at Victoria University College, Students' Hostel at Canterbury College, and the acquisition of an additional site for the Otago University College. The large sums received by the last-named college from private subscriptions, upon which Government subsidies are payable, are worthy of note.

FREE EDUCATION AT UNIVERSITY COLLEGES.

(Table M 2.)

What may be regarded as generous provision is made for free education and for scholarship allowances for students of the University colleges, 44 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. Of the candidates for the Entrance Scholarship Examination in 1920, twelve gained Junior Scholarships, twenty gained National Scholarships, two gained Taranaki Scholarships, forty-two passed "with credit," entitling them to free university education, and forty qualified for Matriculation. 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. Thirty-five Junior University Scholarships and sixty University National Scholarships were held during 1920. The expenditure by the University on scholarships was £3,674, and by the Education Department on University National Scholarships £3,478. 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 repeated 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. Eighteen Senior University Scholarships were held during 1920.

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.

Four Rhodes Scholarships were awarded in 1920, the total number that have now been granted being twenty, of which six have been gained by students of Auckland University College, five by students of Otago University, five 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: “Age and rate of growth of New Zealand timber-trees”; “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.

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 1920 was 558, as compared with 450 in 1919 and 291 in 1918, and the amount expended on their tuition and examination fees was £8,565, the cost per head being £15 7s.

Educational Bursaries.

Educational bursaries are awarded under the Education Act, 1914, and any matriculated student is entitled to one who is a “teacher” as defined in the Education Act, or undertakes to serve as a teacher in a public primary, secondary, technical, or departmental school for two or three years (according to whether he has or has not entered into an undertaking in connection with his training-college course), and who—

- (i.) Has within the six months immediately preceding satisfactorily completed his term of service as a pupil-teacher or probationer, and declares his intention of entering a recognized training college on the completion of the tenure of his bursary; or
- (ii.) Has satisfactorily completed his course of training at a recognized training college and gained a trained-teacher's certificate; or
- (iii.) Has otherwise gained a teacher's certificate of a class not lower than Class C.

These bursaries are tenable for three years, with possibly two yearly extensions, at a University college or recognized school of agriculture. The classes taken must be such as to form part of the course in arts, science, or agriculture, and proof of satisfactory progress must be given.

The number of educational bursars in 1920 was ninety-three (as compared with seventy-four in 1919 and forty-two in 1918), of which number sixteen completed the three years' tenure of their bursaries. The amount expended on tuition and examination fees on account of educational bursaries was £922 4s., the cost per head being £9 18s. 3d.

Domestic-science Bursaries.

Domestic-science bursaries tenable at the Otago University may be awarded under the Regulations for Manual and Technical Instruction. Applicants for the bursaries must have been resident in the Dominion for not less than twelve months, and must have—

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

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

The term of a bursary is two (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 twenty-two students in 1920, making in all fifty-seven bursars in attendance at classes. Seventy students were taking the domestic-science course in 1920—twenty the full degree course, thirty-eight the diploma course, and twelve a preliminary course. Six degree and five diploma students finished their course in that year.

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 1920 seven agricultural bursars were in attendance at Lincoln Agricultural College. Five of the bursars completed the third-year course and obtained the college diploma; one completed the second-year course, the remaining bursar having attended for one year only. The reports on the bursars' work, especially in the case of the third-year students, were very satisfactory. In addition to these, three bursars attended a University college during the year, two being in their first year, and one, in attendance at Canterbury College after spending three years at Lincoln College, obtaining his B.Ag. degree.

The expenditure by the Department on agricultural bursaries for the year 1920 was £814 2s. 8d.

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 1920 with satisfactory results. Tutorial and preliminary classes are conducted for working men and women in such subjects as economics, psychology, 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. Over fifty classes were held in 1920, with a roll number of over 1,200 and an average attendance approaching 800. The classes were held for the most part in the large cities, although in the Wellington centre particularly classes were held in a number of the smaller towns. 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.

No. 2.—REPORTS OF THE UNIVERSITY OF NEW ZEALAND AND OF AFFILIATED INSTITUTIONS.

A. REPORT OF THE UNIVERSITY OF NEW ZEALAND, 1920.

Visitor.—His Excellency the Governor-General.

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

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

The Senate.

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

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

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.; H. S. Dettman, Esq., M.A., B.C.L.; J. Hight, Esq., Litt.D., F.R.E.S.; T. A. Hunter, Esq., M.A., M.Sc.; F. A. de la Mare, B.A., LL.B.; and G. E. Thompson, M.A.

Registrar.—E. T. Norris, Esq., M.A.

ANNUAL REPORT OF THE SENATE.

In compliance with the 31st clause of the 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 Wellington in annual session on the 19th January, 1921, and at that session made certain amendments to the University statutes. These amendments have been submitted to His Excellency for his approval. By these amendments certain important additions were made to the statutes of the University so as to provide for the special requirements of the Dominion and to bring the University into closer contact with the business life of the community. A Bachelor of Science in Forestry was instituted, with a view to supplying competent overseers in connection with the Government Forestry Department, and as a recognition of the important part that scientific forestry must play in the conservation of the forests of the Dominion. In the interests mainly of the teaching profession, agriculture was made a subject for the Bachelor of Arts degree at the pass grade. The diploma of Education was completely reorganized and put on a more scientific basis. A diploma in Social Science was instituted, and a new subject—

political science—was introduced into the Arts degree. At the request of the Bank Officers' Guild a diploma in Banking was established, and it is worth recording that the Chairman of the Bank of New Zealand in the course of his last annual address took occasion to refer to the necessity for encouraging the employment of University-trained men in the banking profession. To encourage post-graduate research a Doctorate of Philosophy (Ph.D.) was instituted on the lines of similar degrees in the Home universities. It is hoped that the necessary legislative approval will be given in due course to enable the Senate to grant this new degree.

Up till now the examinations in arts and science have been conducted by examiners appointed in Great Britain. At its last meeting the Senate agreed to conduct these examinations up to pass grade in New Zealand by the appointment of overseas or external examiners in the several subjects, who will control the examinations in co-operation with the teachers in the affiliated colleges, very much in the way in which all examinations are conducted in almost all the Home universities, and in which medical examinations are at present conducted in New Zealand. In the event of its being impossible to secure a competent assessor in any subject or subjects in New Zealand the Senate proposes to conduct the examination in such subject or subjects as at present. Special meetings of the Senate were held in May, July, and September, 1920. During the year the following degrees were conferred: Doctor of Medicine, 8; Master of Arts, 49; Bachelor of Arts, 95; Master of Science, 12; Bachelor of Science, 26; Bachelor of Engineering, 5; Master of Laws, 2; Bachelor of Laws, 31; Bachelor of Medicine and Bachelor of Surgery, 30; Bachelor of Medicine, 1; Master of Commerce, 1; Bachelor of Commerce, 1; Bachelor of Science in Home Science, 10; Bachelor of Agriculture, 1.

The usual examinations were held in February, March, May, July, September, October, November, and December, 1920, 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 accountancy professions. At these examinations 226 students qualified for degrees, of whom 23 gained Honours in Arts, 8 Honours in Science, 3 Honours in Law, and 1 Honours in Commerce; 14 were awarded Senior Scholarships, and 1 the Tinline Scholarship. Of the 139 candidates for Entrance Scholarships Examinations, 10 gained Junior University Scholarships, 20 gained National Scholarships, 2 gained Taranaki Scholarships, 42 others passed "with credit" and qualified for Matriculation and Solicitors' General Knowledge Examination, and 40 qualified for Matriculation and Solicitors' General Knowledge, and 4 for Matriculation only. There were 2,987 candidates who sat for the Matriculation Examination, of whom 832 passed the whole examination, 351 completed partial passes, and 565 gained partial passes. In a number of cases the Senate has, in pursuance of its powers under the New Zealand University Amendment Act, 1915, granted to students who have enlisted passes in sections or in individual subjects.

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 founding a 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 in November, 1920, and its recommendations were dealt with by the Senate at its annual session.

ACCOUNTS AND BALANCE-SHEETS OF THE UNIVERSITY OF NEW ZEALAND FOR THE YEAR ENDED 31st DECEMBER, 1920.

GENERAL ACCOUNT.					
<i>Receipts.</i>			<i>Payments.</i>		
	£	s. d.		£	s. d.
Statutory grant	3,750	0 0	Senate sessions	675	19 2
Degree fees	950	5 0	Office salaries and wages	1,374	8 11
Examination fees	13,585	9 6	Office rent	193	18 10
Admission <i>ad eundem</i>	31	10 0	Printing, postage, stationery, and general expenses	1,613	12 2
Certificates	245	17 0	Conferring degrees	20	8 11
Medical registration	241	10 0	Examinations	7,584	1 3
Scholarship matriculating	17	17 0	Transfers to Ordinary Scholarship Account	1,500	0 0
Miscellaneous	400	3 4	National endowment	3,348	5 2
National endowment	3,348	5 2	English agent	3,980	1 9
	<u>£22,570</u>	<u>17 0</u>		<u>£20,290</u>	<u>16 2</u>

BALANCE-SHEET.—GENERAL ACCOUNT.

Dr.	£	s.	d.	Cr.	£	s.	d.
Balance from 1919	5,721	19	2	Payments of 1920, as per list	20,290	16	2
Receipts, as per list	22,570	17	0	Balances—			
Suspense Account	27	10	6	Bank of New Zealand,			
				£986 18s. 3d. (less un-			
				presented cheques, £		s.	d.
				£105 15s. 2d.)	881	3	1
				English agent	2,688	13	5
				Post Office Savings-bank	4,452	18	6
				Cash in hand	6	15	6
					8,029	10	6
	£28,320	6	8		£28,320	6	8

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

Dr.	£	s.	d.	£	s.	d.	Cr.	£	s.	d.	£	s.	d.
Balance from 1919	29,353	14	3				Payments, 1920—						
Receipts—							Scholarships	3,670	17	3			
Interest	1,592	5	6				Sundries	0	6	6			
Transfer from General											3,671	3	9
Account	1,500	0	0				Balances—						
				3,092	5	6	Cash in bank, £691 9s. 5d.						
							(less unrepresented						
							cheques, £79 10s.) ..	611	19	5			
							Cash in hand	18	0	0			
							Inscribed stock	1,500	0	0			
							War certificates	575	8	0			
							Mortgages	21,750	0	0			
							Fixed deposits	1,000	0	0			
							Auckland City loan ..	2,582	8	3			
							Post Office Savings-bank	710	8	1			
							Interest due	129	7	0			
							Owing by Tinline Account	1	19	0			
								28,879	9	9			
							Less owing to Tinline Ac-						
							count (amount invested						
							in Post Office Savings-						
							bank), £102 12s. 6d. ;						
							owing to Atkinson Ac-						
							count in Post Office						
							Savings-bank, £2 1s. 3d.	104	13	9			
											28,774	16	0
	£32,445	19	9								£32,445	19	9

BALANCE-SHEET ON ALL ACCOUNTS.

Dr.	£	s.	d.	£	s.	d.	Cr.	£	s.	d.	£	s.	d.
Balance from 1919	38,034	10	4				Payments, 1919—						
Receipts, 1920—							General Account	20,290	16	2			
General Account	22,598	7	6				Ordinary Scholarship Ac-				3,671	3	9
Ordinary Scholarship Ac-							count						
count	3,092	5	6				John Tinline Scholarship						
John Tinline Scholarship							Account	60	11	9			
Account	85	11	6				Senior National Scholar-						
Senior National Scholar-							ship Account	11,651	17	6			
ship Account	11,499	7	6				Bowen Prize Account ..	10	0	0			
Macmillan Brown Memo-							Cook Prize Account ..	5	0	0			
rial Prize Account	5	19	5				Von Haast Prize Account	10	0	0			
Bowen Prize Account ..	6	13	11					35,699	9	2			
Cook Prize Account	6	3	1				Balances—						
Habens Prize Account ..	6	1	10				General Account	8,029	10	6			
Von Haast Prize Account	13	6	8				Ordinary Scholarship Ac-				28,774	16	0
Haydon Prize Account ..	2	15	1				count						
Atkinson Memorial Prize							John Tinline Scholarship						
Account	5	6	5				Account	1,894	17	5			
				37,321	18	5	Macmillan Brown Prize						
National Scholarship Ac-							Account	142	1	5			
count—							Bowen Prize Account ..	155	2	2			
Unpresented cheques ..	113	18	2				Cook Prize Account ..	141	6	6			
Less cash at bank	41	19	3				Habens Prize Account ..	145	19	11			
				71	18	11	Von Haast Prize Account	311	13	6			
							Haydon Prize Account ..	8	2	10			
							Atkinson Prize Account..	125	8	3			
								39,728	18	6			
	£75,428	7	8					£75,428	7	8			

LIST OF INVESTMENTS AND OTHER ASSETS.

	£	s.	d.	£	s.	d.		£	s.	d.	£	s.	d.
<i>General Account—</i>							<i>Brought forward ..</i>	..			38,699	3	11
Bank of New Zealand ..	881	3	1				<i>Macmillan Brown Prize Account—</i>						
English agent's balance ..	2,688	13	5				Fixed deposit ..	110	0	0			
Post Office Savings-bank	4,452	18	6				Post Office Savings-bank	32	1	5			
Cash ..	6	15	6								142	1	5
				8,029	10	6	<i>Bowen Prize Account—</i>						
<i>Ordinary Scholarship Account—</i>							Fixed deposit ..	120	0	0			
Bank of New Zealand ..	611	19	5				Post Office Savings-bank	35	2	2			
Cash in hand ..	18	0	0								155	2	2
Inscribed stock ..	1,500	0	0				<i>Cook Prize Account—</i>						
War-loan certificates ..	575	8	0				Fixed deposit ..	120	0	0			
Mortgages ..	21,750	0	0				Post Office Savings-bank	21	6	6			
Fixed deposit ..	1,000	0	0								141	6	6
Auckland City loan ..	2,582	8	3				<i>Habens Prize Account—</i>						
Post Office Savings-bank	710	8	1				Fixed deposit ..	110	0	0			
Interest accrued ..	129	7	0				Post Office Savings-bank	35	19	11			
Owing by Tinline Account	1	19	0								145	19	11
	28,879	9	9				<i>Von Haast Prize Account—</i>						
Less owing to other accounts ..	104	13	9				Fixed deposit ..	250	0	0			
				28,774	16	0	Post Office Savings-bank	61	13	6			
<i>John Tinline Scholarship Account—</i>											311	13	6
Fixed deposit ..	510	0	0				<i>Arnold Atkinson Prize Account—</i>						
Mortgage ..	1,200	0	0				Inscribed stock ..	110	0	0			
Post Office Savings-bank	102	12	6				Post Office Savings-bank	13	7	0			
Bank of New Zealand ..	83	4	11				Owing by Ordinary Scholarship Account ..	2	1	3			
Cash ..	0	19	0								125	8	3
	1,896	16	5				<i>Haydon Prize Account—</i>						
Less owing to Ordinary Scholarship Account ..	1	19	0				Post Office Savings-bank	..			8	2	10
				1,894	17	5							
Forward ..				£38,699	3	11					£39,728	18	6

E. T. NORRIS, Registrar.

Examined and found correct.—H. A. LAMB, Deputy Controller and Auditor-General.

B. REPORT OF THE AUCKLAND UNIVERSITY COLLEGE, 1920.

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—Hon. J. A. Tole, B.A., LL.B., K.C. (deceased 12th December, vacancy unfilled at 31st December, 1920); J. F. Hosking, Esq.; T. W. Leys, Esq., LL.D.

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—J. H. Gunson, Esq., C.B.E., Mayor.

Appointed by the Auckland Education Board—Hon. G. J. Garland, M.L.C.

Staff.

Professors.—Classics—H. S. Dettmann, M.A., B.O.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—W. S. Vernon, M.Sc. (Acting-Professor). General Biology, Botany, and Zoology—J. O. 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. Music—W. E. Thomas, Mus. Doc.

Also lecturers, assistants, and demonstrators.

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, 31st March, 1921.

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 1920 :—

1. *Number of Students.*—The number of persons who attended lectures in this College in 1920 was 969 : Graduates, 20 (males 14, females 6) ; undergraduates, 561 (males 432, females 129) ; non-matriculated students, 388 (males 206, females 182). The number of students who were exempted from attendance was 49 (males 45, females 4). The total number of students undertaking study during the year was 1,018 (males 697, females 321).

2. *Council.*—The personnel of the College Council remained unaltered (with one exception) during the year, members retiring by effluxion of time being in every case reappointed or re-elected. The exception occurred in the election of Dr. Kenneth Mackenzie, *vice* Dr. H. D. Bamford (resigned). At the Council's annual meeting in July the Hon. George Fowlds was elected Chairman in succession to Mr. T. W. Leys, who did not wish re-election.

3. *Staff.*—During the year the vacancy created by the resignation of the Chair of Physics by Professor Owen was temporarily filled by the appointment of Mr. W. S. Vernon, M.Sc., as Acting-Professor, and the vacancy was advertised for permanent appointment. It was also decided to separate the Lectureship in Mental and Moral Philosophy from the Chair of History and Economics, and to advertise for applicants for a Professorship in Philosophy. Towards the end of the year these two appointments were made, Mr. P. W. Burbidge, M.Sc. (New Zealand), B.A. (Cambridge), 1851 Exhibition Research Scholar 1913, being appointed Professor of Physics, and Mr. W. Anderson, M.A. (Glasgow), Ferguson Scholar in Philosophy, being appointed Professor of Mental and Moral Philosophy. Changes occurred in the Lectureships of Civil Engineering and Electrical Engineering, Mr. W. S. Gray, B.A., M.A.I. (Dublin), being appointed as for 1921 to the former, in the place of Mr. S. Cory-Wright, B.Sc. (resigned), and Mr. S. I. Crookes, jun., being appointed temporarily to the latter. Mr. G. McB. Salt, B.Sc., was appointed Demonstrator in Physics, and Mr. W. F. Short, M.Sc. (Victoria, Manchester), an additional Demonstrator in Chemistry.

4. *Receipts and Expenditure.*—General Account : Receipts, including balance of £8,965 19s. 5d. from 1919, amounted to £36,353 7s. 9d. ; expenditure, £25,074 11s. 7d. ; balance (including cash £6,453 16s. 2d., and investments £4,825), £11,278 16s. 2d. Sinclair-Gillies Scholarship Trust Account : Receipts, including balance of £4,271 17s. 3d. from 1919, £4,499 8s. 10d. ; expenditure, £140 3s. ; balance, £4,359 5s. 10d. Sinclair Bequest : Receipts, including balance of £36 18s. 9d. from 1919, £38 9s. 4d. ; expenditure, nil ; balance, £38 9s. 4d.

5. *Degrees and Honours.*—The following University successes were gained by students of the College in connection with the examinations of the year : Master of Arts, 9 ; Bachelor of Arts (final section), 18 ; Bachelor of Arts (preliminary section), 70 ; Bachelor of Science (final section), 4 ; Bachelor of Science (preliminary section), 15 ; Master of Laws, 2 ; Bachelor of Laws (final section), 10 ; Bachelor of Laws (preliminary section), 50 ; Bachelor of Commerce (final section), 2 ; Bachelor of Commerce (preliminary section), 7 ; Bachelor of Science in Architecture (first professional examination), 1 ; Bachelor of Agriculture (preliminary section), 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, 61 ; School of Commerce, 98 ; School of Law, 204 ; School of Mining Engineering, 72 ; School of Architecture, 14.

7. *Workers' Educational Association.*—Nine tutorial classes of the Workers' Educational Association were conducted during the year. Three were studying economics, three psychology, one modern history, one English literature, and one hygiene. The activities of this centre of the association included other classes outside the scope of the strictly tutorial work, and so are not included here for comment. The making of a statutory grant by the Government towards the tutorial classes will greatly facilitate the extension of the work.

8. *Arts-building Plans.*—During the year the College authorities proceeded as far as was possible with the scheme for erecting an Arts Building on the site secured in the previous year. An architectural competition was arranged, the College Council having the assistance of the Auckland Council of the New Zealand Institute of Architects. Forty-four designs were submitted, and the authors of the winning six were then, in terms of the competition, invited to submit further designs for the competition's final stage early in the following year.

I have, &c.,

GEO. FOWLDS, Chairman.

The Hon. the Minister of Education, Wellington.

ACCOUNTS AND BALANCE-SHEET.

STATEMENTS OF RECEIPTS AND PAYMENTS FOR THE YEAR ENDED 31ST DECEMBER, 1920.

I. GENERAL ACCOUNT.

<i>Receipts.</i>		£	s.	d.	<i>Payments.</i>		£	s.	d.
Balance, 1st January, 1920		8,965	19	5	Investments in mortgages and debentures		4,825	0	0
Government grants—					Buildings and furniture—				
Statutory		12,549	2	7	New Science Buildings		235	17	8
Capitation		202	10	1	New Science Buildings—Furniture		407	1	0
Princes Street purchase		4,700	0	0	Arts Buildings—				
University of New Zealand—National-					Valuation		5	5	0
endowment grant		836	5	7	Disbursements		96	11	11
Endowments—					Princes Street leasehold		4,700	0	0
Rents	£ s. d.				Engineering Building		62	3	5
Less valuation fee	1,274 11 0				Library		486	6	1
	2 2 0				Temporary accommodation		150	12	8
		1,272	9	0	Temporary accommodation—Furniture		101	18	1
Interest on debentures		510	0	0		£ s. d.			
Interest—					Premiums		17	0	9
Mortgages .. ..	.. 96 6 6				Less refunds		3	6	10
Less insurance .. ..	.. 1 0 8						13	13	11
		95	5	10	Salaries		15,769	3	4
Debentures		16	0	0	Printing, advertising, and stationery		719	17	0
Post Office Savings-bank		7	8	10	Cleaning, lighting, and heating		299	12	1
Mortgage repaid		400	0	0	Water and electric power		36	12	7
Students' fees	5,627 0 0				Insurances		54	10	7
Less refunds	23 10 0				Lecture requisites		1,444	17	4
		5,603	10	0	Office expenses		169	11	2
Annual examination entrance fees		123	18	0	Office expenses—Extra clerical expenses		57	5	0
Music examination entrance fees		90	0	6	Audit		10	0	0
Sale of calendars, &c.		34	10	3	Annual examination expenses		36	4	10
Donations and subsidies—					Music examination expenses		47	10	6
New Zealand Society of Accountants		75	0	0	Repairs		22	15	2
Subsidy thereon		75	0	0	School of Music		13	6	0
Subsidy (1919)		75	0	0	Interest and commission		2	11	0
Workers' Educational Association classes—					Travelling-expenses		70	1	9
Statutory grant		500	0	0	Miscellaneous expenses		9	3	6
Subsidy (1919)		115	0	0	Fees paid to lecturers		118	0	0
Donation		20	0	0	Less refund		66	0	0
Subsidy thereon		20	0	0			52	0	0
Refund hall-hire		2	7	3	Balance, 31st December, 1920—				
Miscellaneous receipts		27	5	9	Bank of New Zealand		6,258	11	6
Deposits architectural com-					Less unrepresented cheque		2	2	6
petition	100 11 8						6,256	9	0
Less refunds	63 17 0				Post Office Savings-bank		197	7	2
		36	14	8			£36,353	7	9
		£36,353	7	9			£36,353	7	9

II. ENDOWMENT SALES ACCOUNT.

<i>Receipts.</i>		£	s.	d.	<i>Payments.</i>		£	s.	d.
Balance, 1st January, 1920		10,246	0	0	Investment in debentures and war-loan		10,246	0	0
		£10,246	0	0	certificates				
							£10,246	0	0

INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST DECEMBER, 1920.

<i>Expenditure.</i>		£	s.	d.	<i>Income.</i>		£	s.	d.
Buildings and furniture—					Government grants—				
Arts Buildings—					Statutory		12,549	2	7
Valuation		5	5	0	Capitation		202	10	1
Preliminary expenses		96	11	11	University of New Zealand—National-				
Temporary accommodation		150	12	8	endowment grant		836	5	7
Temporary accommodation and furniture		101	18	1	Endowments—				
Premiums		13	13	11	Rents		1,158	0	0
Salaries		15,769	3	4	Debenture interest		510	0	0
Printing		262	9	10	Interest on invested funds—				
Advertising		195	6	3	Mortgages		256	10	8
Stationery		262	0	11	Debentures		16	0	0
Cleaning		58	6	2	Donations and grants—				
Lighting		241	5	11	Workers' Educational Association		520	0	0
Water		22	15	8	New Zealand Society of Accountants		75	0	0
Electric power		13	16	11	Students' fees		5,603	10	0
Insurances		54	10	7	Sundries		248	8	9
Lecture requisites		1,444	17	4	Subsidies		170	0	0
Office expenses		236	16	2	Miscellaneous receipts		27	5	9
Sundries		251	5	6					
Excess of income over expenditure carried									
to balance-sheet		2,991	17	3					
		£22,172	13	5			£22,172	13	5

A. In attendance at lectures— <i>continued</i> .						Men.	Women.	Total.
1919.—Matriculated	..	..	..	..	..	276	164	440
Non-matriculated	..	..	..	..	..	26	69	95
						302	233	535
1918.—Matriculated	..	..	..	..	..	151	151	302
Non-matriculated	..	..	..	..	..	20	49	69
						171	200	371
B. Exempted students :—								
1920	..	..	..	..	..	39	19	58
1919	..	..	..	..	..	20	11	31
1918	..	..	..	..	..	20	18	38

Two Junior National scholars, two Senior National scholars, and thirty-five bursars began their studies at the College in 1920.

Degrees and Scholarships.—In the University examinations held in November, 1920, 151 students passed sections of their Bachelor's degree, 28 obtained their Bachelor's degree in arts, 5 in science, and 17 in law. 21 students obtained their Master's degree, 12 in arts (first-class honours, 2; second-class honours, 3); 5 in science (second-class honours, 2); 3 in law (first-class honours, 1; second-class honours, 1); and in commerce, 1 (first-class honours).

Scholarships.—Senior Scholarships, 4; Post-graduate Scholarship in Arts, 1; free passages, 2. The Rhodes Scholarship, which became available by the resignation of a former holder, was awarded to a student of this College.

Buildings.—The great increase in the number of students in 1920 compelled the Council to approach the Government for a grant for the erection of a south wing to accommodate the departments of physics and geology. The grant was duly made, but was based on a first estimate of cost, which proved inadequate, and some of the work had to be cut out, including the internal finishing of the top floor, which was to provide a large lecture-room for physics and other subjects. Everything indicates that this lecture-room will be urgently required next year both for physics lectures and for large classes on the arts side. The contractors have made a good beginning with the south wing. The construction of the north wing has been greatly delayed, but it is hoped to obtain possession of it in time for the beginning of next session, and the congestion that has interfered with the work of the College will be removed. These two wings will complete the main building, and any additional room required must then be provided on another site in the limited College grounds.

Benefactions.—During the last year certain important benefactions have come into operation. The Macarthy Trustees have begun to pay the grant they made to aid in the foundation of the T. G. Macarthy Chair of Economics, and the Council trusts that with the pound-for-pound subsidy from the Government the amount so obtained will provide the greater part of the fund necessary to endow the Chair. By the will of the late Mrs. S. A. Rhodes the College has received a substantial bequest of £10,000 for the education of women. After consultation with the Council of this College the trustees of the will decided to have the interest used for scholarships or fellowships in home science. These two bequests show that citizens in this district are beginning to take an interest in the College and its educational work and development. The late Mr. W. S. Reid left to the Council a bequest of £100 for the purchase of works of reference for the College library. This bequest, with the Government subsidy thereon of £50, has enabled the College to purchase a number of valuable and much-needed works of reference. Mr. Reid also bequeathed to the Council some valuable sets of books from his library.

Library.—The library now contains approximately fifteen thousand volumes, and has been very largely made use of by students during the year. The work of the library has been hampered by lack of space, there not being enough room either to house the volumes or to accommodate the readers. These hindrances will be removed when the library is moved to the new north wing.

Finance and Policy.—The main sources of the College revenue are grants from the Government and fees. The only endowment of the College is the Nukumaru Reserve, from which the revenue is about £80 per annum. The other reserve, to which the College might reasonably have looked for an increasing source of revenue—the Opaku Reserve—was by the Taranaki Scholarship Act of 1905 diverted to providing scholarships for students of Taranaki. Under the circumstances it seems reasonable that the Government should provide the College with some endowment that will produce an increasing revenue as the College develops. On more than one occasion during the year the Council brought under the notice of the Government the need for special schools in this University district. With the continued drift of the population towards the north it is becoming more and more uneconomical to centre all the special schools in the South Island. Each college should have at least one special school to keep it in touch with the life of the community in which it is situated, and to arouse interest in the College among the people of the University district. These influences will react on the whole academic life of the institution. The Council suggests that provision should be made to teach agriculture in this University College, first, because of the great need for further scientific training in our primary pursuits, and, second, because it believes that the work could be done in Wellington very efficiently and economically by the co-operation between the College, the expert staffs of the Agricultural Department, and the experimental farms at Weraroa and Wallaceville.

Day Classes.—The need is great for the extension of University work to provide teaching in the daytime for those who are prepared to give their whole time to University work. It will also be necessary to carry on the classes as at present conducted. The Council has under consideration a proposal

to introduce day teaching in science, and it is estimated that this could be done for about £900 to £1,200 per annum. The finance to carry out these two important projects—agriculture and day classes—must come either from additional Government grants or increased fees.

Hostels.—The urgency of this problem has been brought before the authorities interested again and again, but so far nothing has been done. Large numbers of young men and young women are being brought to this centre for educational purposes, and there is a responsibility on all educational authorities to see that due provision is made for housing these under conditions suitable for their work. It is mainly a problem of finance.

Workers' Educational Association.—The work of this organization continues to flourish in this centre, but the extension of the work is hindered by lack of funds. The Government grant of £500 and the University grant of £300 have been added to by liberal grants from various local bodies. In this connection the Council would like to direct the attention of the Government to the unfairness in distributing money for Workers' Educational Association purposes without regard to the extent of the University district, the population to be served, and the work being done. During 1920 twenty-one classes were in operation in various centres of the Victoria University district.

Published Papers.—Among the papers published by members of the College during the year were the following :—

- H. B. Kirk—"Opossums in New Zealand" (dealing especially with alleged damage to forests). Parliamentary paper.
- C. E. Adams and E. Marsden—"The Samoan Observatory." *New Zealand Journal of Science and Technology*, Vol. 3, 1920, p. 157.
- E. Marsden and Ethel W. J. Fenton—"The Relative Efficiency of Coal Gas and Electricity for Domestic Purposes." *Ibid.*
- A. C. Caldwell and E. Marsden—"Interference of Power Circuits with Telephone Circuits." *Ibid.*
- E. Marsden—"Note on the Failure of Insulators in a Damp Atmosphere." *Ibid.*
- C. C. Braddock—"Utility of Pain." *International Journal of Ethics*, Vol. 30.
- D. M. Y. Sommerville—"Approximations to the Length of an Arc." Edinburgh, Proc. Math. Soc., Vol. 37, 1919-20. "The Singularities of the Algebraic Trochoids." London, Proc. Math. Soc., Vol. 18, 1920.
- P. W. Robertson and D. H. Burleigh—"Qualitative Analysis." Arnold.

P. LEVI,

Chairman of Victoria University College Council.

STATEMENT OF ACCOUNTS OF VICTORIA UNIVERSITY COLLEGE.

STATEMENT OF REVENUE AND EXPENDITURE FOR THE YEAR ENDING 31ST MARCH, 1921.

Revenue.			Expenditure.		
	£	s. d.		£	s. d.
Balance brought forward	8,726	17 5	Salaries, staff	14,375	9 0
Government grant	11,500	0 0	Salaries, caretaker and assistants	514	5 4
Government grant, Workers' Educational Association classes	500	0 0	Office salaries and expenses	1,105	5 8
Rent, reserves	106	9 9	Printing and stationery	287	6 2
Fees	6,151	6 6	Advertising	106	60 18 6
Convocation grant, New Zealand University	15	15 0	Travelling-expenses	44	2 6
Tutorial classes grant, New Zealand University	300	0 0	Examination expenses	80	7 2
Government grant, National Endowment Fund	1,674	2 7	Insurance	75	17 4
Sale of calendars	13	7 2	Maintenance	407	18 3
Interest	297	5 0	Contingencies	365	11 4
Book department, sales	314	15 0	Calendars	85	0 0
Government grants, College buildings	6,000	0 0	Grounds	74	6 0
Examination fees	215	15 6	Lighting	280	3 0
Workers' Educational Association tutorial classes—			Chemicals and apparatus	670	8 3
Grant, Horowhenua County	25	0 0	Fees refunded	67	12 6
Grant, Wellington Workers' Educational Association	75	0 0	Court of Convocation	15	15 0
Grant, Hastings class	25	0 0	Tutorial classes	1,152	4 0
Grant, Westport	25	0 0	Heating	168	18 3
Subscriptions, Foxton	12	0 6	Water	28	8 6
Subscriptions, Feilding	12	2 0	Library books	734	5 0
Subscriptions, Shannon	21	1 0	Builder	6,000	0 0
Government subsidy	150	3 0	Book department	297	19 8
W. S. Reid bequest	100	0 0	Furniture	68	10 0
Government subsidy	50	0 0	Sir George Grey Scholarship	50	0 0
Students' Association grant	17	10 0	Balance, 31st March, 1921—		
Sir George Grey Scholarship	50	0 0	Bank of New Zealand, on fixed deposit	1,000	0 0
				£ s. d.	
			Post Office Savings-bank	6,455	2 8
			Less School of Economics	36	2 8
				6,419	0 0
			Balance at Bank of New Zealand	2,139	12 5
			Less—Unpresented cheques, £12 2s.; library deposits, £16 16s.; S. A. Rhodes, interest, £50; memorial window subscriptions, £62 13s.; T. G. Macarthy, interest, £30s. 3d.; School of Economics, interest, £46 2s. 2d.	190	13 5
				1,948	19 0
				£36,378	10 5

S. A. RHODES BEQUEST ACCOUNT.

<i>Receipts.</i>	£	s.	d.	<i>Expenditure.</i>	£	s.	d.
Balance brought forward ..	10,289	0	11	Fixed deposit, Bank of New Zealand ..	3,250	0	0
Grant, S. A. Rhodes trustees ..	1,000	0	0	Wellington City debentures ..	5,900	0	0
Interest ..	404	10	7	War-loan debentures ..	2,192	10	0
				In Post Office Savings-bank Trust Account	301	1	6
				In Bank of New Zealand current account	50	0	0
	<u>£11,693</u>	<u>11</u>	<u>6</u>		<u>£11,693</u>	<u>11</u>	<u>6</u>

SCHOOL OF ECONOMICS ACCOUNT.

<i>Receipts.</i>	£	s.	d.	<i>Expenditure.</i>	£	s.	d.
Balance brought forward ..	2,858	4	4	Balance, 31st March, 1921—			
National Endowment grant, New Zealand University ..	536	5	7	Wellington City debentures ..	3,400	0	0
Interest ..	87	14	11	In Post Office Savings-bank General Account ..	36	2	8
				In Bank of New Zealand General Account ..	46	2	2
	<u>£3,482</u>	<u>4</u>	<u>10</u>		<u>£3,482</u>	<u>4</u>	<u>10</u>

T. G. MACARTHY BEQUEST ACCOUNT.

<i>Receipts.</i>	£	s.	d.	<i>Expenditure.</i>	£	s.	d.
Grant, Public Trustee ..	500	0	0	Balance, 31st March, 1921—			
Interest ..	3	0	3	Wellington City debentures ..	500	0	0
				In Bank of New Zealand General Account ..	3	0	3
	<u>£503</u>	<u>0</u>	<u>3</u>		<u>£503</u>	<u>0</u>	<u>3</u>

G. G. S. ROBINSON, Registrar.

D. REPORT OF THE CANTERBURY COLLEGE, 1920.

(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.; the Rev. Samuel Lawry; and the Very Rev. Charles Walter Carrington, M.A.

Elected by members of the Legislature—Jonathan C. Adams, Esq., B.A.; Thomas Henry Davey, Esq.; and the Hon. George J. Smith, 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.; 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.; and Hugh Boyd, Esq.

Elected by Professorial Board—W. M. Hamilton, 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. Salmond, M.A. (N.Z.). Economics—J. B. Condliffe, M.A. Education—James Shelley, M.A.

Also lecturers, assistants, and demonstrators.

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

Finance.—College: The year's revenue on the College Maintenance Account was £30,596, and the payments £27,246. The revenue increased by £6,982, and payments by £4,357, compared with the previous year. These figures show a surplus of revenue over payments amounting to £3,350, and this sum has been transferred to the College Buildings and Sites Account in reduction of the debt on the hostel properties. The rent received from College endowments was £16,193, including £1,189 outstanding from the previous year. Other items of revenue include fees, £4,724; Government grants, £2,177; National Endowment, £2,510; and boarding fees, £3,042. The more noticeable items of expenditure include salaries, £15,311; interest, £1,105; College library, £359; Workers' Educational Association, £350; contribution to School of Engineering, £1,025; and hostels, £4,344. The latter sum includes capital payments for furnishing, £1,091. The sum at debit of the College Buildings and Sites Loan Account at the close of the year was £16,109, a reduction of £1,592 from the previous year. School of Engineering: The total revenue of the School of Engineering for the year was £7,477, and the payments £6,530. The revenue increased by £1,912, and the payments by £1,609. On the revenue side the Government grants and capitation amounted to £3,382, fees £1,788, and appropriations from endowments £2,025. The fees were £877 more than the previous year. Apart from salaries, £4,502, there is no item on the expenditure side which calls for special mention. The excess of revenue over payments was £947.

College.—During the year the newly established Chair of Economics has been filled by the appointment of Mr. J. B. Condliffe, who is a graduate of the College. Professor Shelley arrived during the year and took up his duties as Professor of Education. Up to the present the regulations in connection with the training of teachers that had been tentatively arranged with the Department of Education have not been gazetted. Professor Shelley has, however, arranged teachers' courses, and has done a great deal of useful lecturing. He has taken a very active part in external work, and has been appointed Director of External Studies. Full-time appointments of Assistant Lecturers have been made in classics, English, history, and economics. If funds permitted, very considerable developments could be usefully made in the chemistry department. Chemistry is a branch of learning which could and ought to be greatly extended. With sufficient funds a great deal of research work could be undertaken on behalf of commerce and industry.

Benefactions have been made to the College by the late Robert Triggs, who has, subject to a life interest in favour of his wife, left about £10,000 for scholarships in technical education; and by the late Austin Henry Alabaster, who left a legacy of £1,000 to found a scholarship in classical literature. It is gratifying to note that bequests and benefactions are beginning to come to the College, for in this respect Canterbury College has until recently been sadly deficient.

Canterbury College is greatly in need of moneys for further buildings and for the establishment of additional Chairs of learning and research. It is in this direction rather than for scholarships that funds are required. The amount of assistance given to students by means of bursaries and scholarships is already very considerable. Canterbury is considered the principal agricultural centre of New Zealand, and there ought to be teaching in connection with our most important primary industry, and also agricultural research work carried on under the auspices of the College.

School of Engineering.—The school has now been recognized by the Government as the national School of Engineering for the Dominion, a position that it has in fact held for many years. The annual Government grant has been increased by £1,750, and a sum of £25,000 has been voted by Parliament for new buildings and apparatus. Plans have been prepared for a new wing extending to the Boys' High School, and for the absorption of a portion of the High School buildings into the School of Engineering. The practical difficulty facing the Board is the necessity of finishing the new High School buildings at Riccarton before the Engineering School can take possession of the portion of the High School buildings that is required. At present the existing buildings are quite inadequate for the students. There were 297 students on the books during 1920. It is hoped that the Government will in the future train its Engineers at the school. At present the regulations almost prohibit the training of Government Engineers at what appears to a layman as the most natural place to train them. Graduates of the school ought to be able to obtain a definite professional status in the Government service as soon as their course at the College is complete.

Hostels.—The establishment of the College hostels has been more than justified by their popularity. If further buildings were available possibly twice the present number of students would be in residence. Both hostels are full, and many applicants have had to be refused. There are fifty-eight men in residence at Rolleston House and twenty-nine women at Helen Connon Hall.

Workers' Educational Association.—Considerable development has taken place during the year, and many adults who have not had the advantage of a University course have been attending classes. At present there are twenty-seven classes in existence, with a roll of 650 students. At Christmas time a summer school was initiated at Oxford, and, owing to the energy of Professors Shelley and Condliffe, was most successful. Students attended from all over New Zealand. A great advertisement was given to the movement, and very many teachers and others interested in education attended.

The object of the Workers' Educational Association is to carry the spirit of the University, with its ideals, standards, and courses, out amongst the people, and to extend the University ideas and influence beyond the fortunate few who can attend courses within the University walls. Each industrial and rural centre can, through the Workers' Educational Association, provide the means for adult education for all students who desire it. A further grant of £500 was made to the association by the Government during the year.

Summary of Funds required.—To erect new buildings for the Boys' High School at Riccarton; to erect a second Boys' High School at Opawa; to erect a Girls' High School at Avonside; to erect a lunch-room and play-room at the Girls' High School; to add to the house recently acquired in Papanui Road as a Girls' High School Hostel, and to meet the balance of the purchase-money due upon the land; to erect a Women's Hostel in Park Terrace; to establish research work at the College; to endow Chairs of learning at College; to establish a School of Forestry; to provide further College buildings; to add to the Museum and Public Library; to purchase land and erect new buildings for the School of Art.

University Examination Results, 1920.—Faculty of Arts: Degree of M.A., with honours—languages and literature 1, economics 1, chemistry 1, botany 3, geology 1; degree of M.A.—languages and literature, 3; degree of B.A., 18; B.A. (section), 56. Faculty of Science: Degree of M.Sc., with honours—chemistry, 2; Senior Scholarships—botany 1, mathematics 1; degree of B.Sc., 4; B.Sc. (section), 7; degree of LL.B., 9; LL.B. (section), 16; degree of B.Com., 2; B.Com. (section), 5; degree of B.Ag., 1; B.Ag. (section), 2. Diploma in Journalism (section), 2. Faculty of Engineering: Entrance, 12; First Professional, 8; Second Professional, 8; Third Professional, 8.

ACCOUNTS AND BALANCE-SHEET OF CANTERBURY COLLEGE.

COLLEGE MAINTENANCE ACCOUNT.

<i>Receipts.</i>			<i>Payments.</i>		
	£	s. d.		£	s. d.
Rent of reserves—	16,192	19 2	Salaries	15,311	6 11
Interest on rents outstanding from 1919	28	1 0	General expenses—		
Students' fees	4,723	19 0	Insurance	94	4 9
Examination fees	18	18 0	Rates	19	7 4
House-rents	148	4 8	Water-supply	30	14 8
Fees from popular lectures	48	17 6	Advertising	55	8 6
Rent of room (Philosophical Institute)	6	0 0	Printing, stationery, and stamps	453	2 0
Hire of chairs (College Hall)	3	0 0	Repairs	74	19 10
Sale of College calendars	0	4 6	Furniture and fittings	158	14 4
Sale of English prosody examples	0	14 0	Washing and cleaning	14	16 1
Translation fee (share)	0	10 6	Keeping grounds in order	91	17 1
Chemical-analysis fee (share)	2	10 0	Heating and lighting	262	13 3
Fines	12	10 0	Legal expenses	27	17 5
Anonymous donation to College library	50	0 0	Expenses of—		
Grant from New Zealand Society of Accountants	75	0 0	College Students' Club	77	1 3
Grant under provisions of section 32 (b) of N.Z. University Amendment Act, 1914			Music lectures	32	8 7
—National Endowment	836	5 6	Botanical station	0	3 6
Grant from N.Z. Institute for research work	100	0 0	Inspection of reserves	396	4 9
Government grants—			Endowments	62	4 1
Capitation for commercial classes	27	15 10	Election of Governors	22	3 4
Statutory grant (nine months)	1,875	0 0	Appointment of Professor of Education	170	19 2
Pound-for-pound subsidy on donation to College library	200	0 0	Appointment of Professor of Economics	59	7 4
Pound-for-pound subsidy on contribution from N.Z. Society of Accountants	75	0 0	Delegates attending Otago University Jubilee celebrations	43	0 8
Boarding fees—			Delegate attending Pan-Pacific Scientific Congress (Honolulu)	55	0 0
Rolleston House	2,123	5 9	Popular lectures	48	11 7
Helen Cannon Hall	918	18 4	Travelling-expenses of members of Board	91	2 10
Contributions from various departments	3,128	8 5	Grant-in-aid to necessitous students	50	0 0
			Class prizes	72	6 0
			Prizes for first-class honours	10	10 0
			Royal Holloway College Scholarship	138	19 1
			Reception of graduates	7	17 6
			Fencing and gates, Hereford Street	26	5 3
			Bicycle	16	2 6
			Apparatus for Professor of Education	26	14 3
			Maude, Fifteenth Century manuscript (subsidies)	50	0 0
			Sundries	152	17 9
			College library	359	6 7
			Interest—		
			Dr. Buildings (Additions)		
			Special Loan Account, £411 16s. 7d.; Buildings and Site Account, £622 13s. 11d.; Heating, Lighting, &c., Installation Account, £39 10s. 11d. .. 1,074 1 5		
			Less Maintenance Account		
			Cr.	89	3 4
				984	18 1
			Mortgages, Rolleston House properties	120	7 4
			Geology lectures	25	7 6
			Astronomical observatory	54	0 0
			Chemical laboratory	811	1 7
			Physical laboratory	446	16 3
			Biological laboratory	508	11 10
			Rolleston House—		
			Furniture and fittings	1,041	2 7
			Alterations and repairs	29	13 5
			Rates and insurance	41	11 11
			Wages	555	8 3
			Supplies, &c.	1,684	10 1
			Helen Cannon Hall—		
			Furnishings	49	11 11
			Alterations and repairs	47	2 1
			Insurance	5	14 2
			Wages	350	5 1
			Supplies, &c.	539	13 1
			Contributions—		
			To School of Engineering—		
			For general	900	0 0
			For exhibitions	125	0 0
			To Workers' Educational Association	350	0 0
			Appropriations: Rent of tennis-court	7	10 0
			College Buildings and Sites Account:		
			Transfer of balance in reduction of debt on sites and buildings	3,350	8 10
				£30,596	2 2
				£30,596	2 2

COLLEGE BUILDINGS AND SITES ACCOUNT.

[illegible]

GENERAL BALANCE-SHEET AT 31ST DECEMBER, 1920.

<i>Liabilities.</i>	£	s.	d.	<i>Assets.</i>	£	s.	d.
Capital Account—				Endowments—			
College	163,	112	6 10	College—			
Boys' High School	90,	562	11 7	Classical School reserves .. .. .	..	141,440	0 0
Girls' High School	5,705	12	3	Chemistry and physics .. .. .	..	5,050	0 0
Medical School	12,273	15	2	Superior education .. .. .	..	33,443	0 0
Museum, Library, and School of Technical Science	69,050	2	7	Boys' High School .. .. .	..	96,788	0 0
General—				Girls' High School .. .. .	..	8,645	0 0
Workers' Educational Association Account	422	9	11	Medical School .. .. .	..	12,011	0 0
School of Engineering and Technical Science Maintenance Account	1,077	18	10	Museum, Library, and School of Technical Science .. .. .	..	52,805	0 0
School of Engineering Replacement and Contingencies Sinking Fund	1,000	0	0	General—			
School of Art Maintenance Account	1,177	8	10	Investments on mortgages and debentures—			
Museum Maintenance Account	94	9	0	General .. .. .	..	6,000	0 0
Museum Guide-book Sinking Fund	161	18	3	Memorial prizes .. .. .	..	450	0 0
Museum Collections Sinking Fund	208	3	9				
Museum Buildings Sinking Fund	2,920	0	6	Bank of New South Wales—			
Public Library Maintenance Account	249	8	3		£	s.	d.
Public Library (Postle Bequest Capital Account)	1,666	8	6	General Account Cr. 18,163	7	7	
Public Library Buildings Sinking Fund	1,951	16	10	Less No. 2 Account Dr. 18,000	0	0	
Technical and Commercial Library	123	9	3			163	7 7
Joseph Haydon Prize Fund	286	7	7	Less outstanding			
Charles Cook Memorial Scholarship Fund	1,134	9	7	cheques	93	5	3
Robert Bell Scholarship Fund	1,050	0	9				70 2 4
Helen Macmillan Brown Bursaries	1,045	9	0				
John Connal Scholarship Fund	1,045	19	2				
Thomas Miller Prize Fund	104	15	3				
Emily S. Foster Memorial Fund (Trust Account)	74	2	10				
Helen Macmillan Brown Memorial Fund (Trust Account)	97	8	9				
May Campbell Anderson Memorial Fund (Trust Account)	105	9	1				
	£356,702	2	4		£356,702	2	4

EDUCATIONAL ASSETS UNDER THE CONTROL OF THE BOARD

Department.	Government Valuation as at 31st March, 1918.	Paid on Account for Additions and Sites since Government Valuation.	Total.
	£	£	£
College (including School of Engineering)	96,980	7,781	104,761*
Boys' High School	38,115	891	39,006
Girls' High School	19,300	..	19,300†
School of Art	9,405	..	9,405
Museum (buildings only)	10,000	..	10,000
Public Library	12,000	..	12,000‡
	185,800	8,672	194,472

* Subject to first mortgage, £2,741.

† Subject to first mortgage, £668.

‡ Subject to first mortgage, £3,000.

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

E. REPORT OF THE UNIVERSITY OF OTAGO, 1920.

(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.; Sir J. Roberts, K.C.M.G. (Vice-Chancellor); 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.; 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, Esq., M.A., M.D., &c.

Elected to represent Otago Hospital Board, J. W. Scürr, 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.; 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; Bacteriology—S. T. Champetaloup, M.B., Ch.B., &c.; 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 ending on the 31st December, 1920.

At the beginning of the year the Jubilee of the University was celebrated, when students and friends gathered from far and near to take part in the proceedings.

During the past year several changes have taken place in the personnel of the Council. Dr. James Fitzgerald has been appointed by the Governor-General in Council to fill the seat which Mr. John Ross resigned; while Dr. William Marshall Macdonald, Mr. John William Scurr, and Mr. John Charles Thomson were elected by the District Court of Convocation, the Otago Hospital Board, and the Southland Board of Education respectively.

The year has seen important changes in and additions to the staff. On the first day of the Jubilee celebrations, at the religious service held in the First Church, Dr. Gilray, our beloved Professor of English Language and Literature, dropped dead while reading the "Hymn of Love" in I. Cor. xiii. Thus the University lost the services of one who through a whole generation had taught with a fidelity and patience which won for him the affection of all his students in a remarkable degree. At once Dr. Macmillan Brown, Vice-Chancellor of the University of New Zealand, offered his services for the session then so near at hand, at the same time stipulating that his services should be accepted as a free gift. Before the year closed Mr. Herbert Ramsay, M.A., was appointed Professor of English Language and Literature.

By the generosity of the Synod of the Presbyterian Church, which now contributes £2,500 per annum towards the salaries of four of the Arts professors, the Council was enabled to make History and Economics separate Chairs, to which the following appointments have been made: John Rawson Elder, M.A., D.Litt., Professor of History, and William Henderson Pringle, M.A., LL.B., Professor of Economics.

The staff of the Dental School has been increased by the appointment of Raynor Colin Bell, B.D.S., as Professor of Clinical Dentistry.

Early in the year Professor Boys Smith, first Professor of Home Science, sent to the Council her resignation. On the retirement of Professor Boys Smith, Miss Helen Rawson, who had been Lecturer in the school since its opening, was promoted, and appointed Professor of Home Science. The rapid growth of the home-science department and the importance of its work made it necessary for the Council to appoint a Professor of Domestic Arts, to which Chair Ann Gilchrist Strong, B.Sc., has been elected. Other appointments made during the year are as follows: Lecturers—H. L. Cook, LL.B. (Property II), J. W. Hinton, M.Sc. (Physics); Assistants—V. M. Barron, M.A. (Modern Languages), I. McD. Allen, M.B., Ch.B. (Pathology), A. C. Aitken, M.A. (Mathematics), S. D. Bagley (Home Science), O. H. M. Gloy (Home Science); Tutors—J. R. White, M.B., Ch.B., F.R.C.S. (Surgery), T. Fergus, M.B., Ch.B., F.R.C.S.E. (Surgery).

During the year the Council received an increase of £5,000 per annum from the consolidated revenue. For this relief the Council thanks the Government. This additional income has enabled the Council to do something in the way of increasing salaries and providing assistants, but it leaves us far short of what is urgently required for present needs. Our professors are poorly paid as compared with those of equal standing in other universities, and the several departments are understaffed. The Council hopes that a further increase of income may soon be granted to it.

The students in attendance during the year and their distribution in the various faculties is shown in the following table, from which it will be seen that 1920 gives a record attendance of 1,095 students:—

Faculty.	Men.				Women.			
	Graduates.	Under-graduates.	Non-matriculated.	Total.	Graduates.	Under-graduates.	Non-matriculated.	Total.
Arts	9	94	27	130	13	150	55	218
Science	8	20	10	38	4	16	8	28
Law	2	40	7	49	..	..	..	..
Commerce .. ..	..	25	105	130	..	1	5	6
Medicine	8	260	1	269	1	52	13	66
Mining and engineering ..	1	27	1	29	..	..	..	..
Agriculture .. ..	..	2	..	2	..	..	..	..
Dentistry .. ..	..	49	3	52	..	6	..	6
Home science .. ..	..	..	..	..	..	62	10	72
Totals	28	517	154	699	18	287	91	396

The large number of students in attendance at the various classes makes the question of accommodation a pressing one. For some time the Government has had under consideration plans for new buildings for the Medical and Dental Schools. For the Medical School extensions land has been bought, and the Council hopes that the Government may soon make the necessary grants for the new buildings required for these important works.

The Jubilee has brought to the University some handsome gifts and bequests, as follows: Sir John Roberts, £1,000, for research in medicine; Dr. Lindo Ferguson, £1,000, for research in medicine; Dr. Barnett, £1,000, for the Medical Library; Sir Robert Stout, £500, for scholarship in economics;

Lady Stout, £500, for scholarship in economics for women; John Edmond, Esq., £2,000, Fellowship for research in chemistry; Peter Smeaton, Esq. (bequest), £3,700, scholarship in science; Mrs. Oliver (bequest), £2,006 17s.; sundry donations, £276 16s.; anonymous, £2,500, for ethnology; Mrs. Mungo Watson, books; Mr. Murdoch, valuable collection of objects in stone and bone for the museum.

The past year witnessed considerable progress in the Workers' Educational Association movement in this district. Thirteen classes and one study circle were carried on during the year. This, however, is but the beginning of things. During the year a salaried organizer was appointed, with the result that new life has been infused into the whole movement in this district. The Council is alive to the supreme importance of the work.

ANDREW CAMERON, Chancellor.

[The reports of the Deans of the various faculties are not printed this year.]

STATEMENT OF ACCOUNTS OF UNIVERSITY OF OTAGO.

STATEMENT OF CASH RECEIPTS AND PAYMENTS FOR YEAR ENDED 31ST DECEMBER, 1920.

<i>Receipts.</i>		£	s.	d.	<i>Payments.</i>		£	s.	d.
Balance on 31st December, 1919	..	1,031	10	4	Salaries	..	28,737	6	11
Donations, contributions, and bequests—					Superannuation deductions	..	1,287	3	4
Executors of late Mrs. Oliver	..	2,006	17	0	Fees paid out—				
Mr. J. Edmond	..	2,000	0	0	Assay fees	..	18	1	6
Sir John Roberts	..	1,000	0	0	Chemical-analysis fees	..	6	16	6
Dr. Ferguson	..	1,000	0	0	X-ray fees	..	17	18	6
Dr. Barnett	..	1,000	0	0	Visiting Dental staff	..	157	10	0
Professor Boys Smith	..	80	0	0	Fees paid to professors	..	2,399	11	3
Sundry donations	..	539	0	0	Payments to bursars—				
Otago Hospital Board—for Dental					Medical bursars	..	569	10	0
School, £400; bacteriology, £400;					Dental bursars	..	446	16	0
pathology, £250	..	1,050	0	0	Printing, advertising, and stationery	..	1,304	10	7
Presbyterian Church Board	..	2,039	11	8	Debentures purchased	..	16,634	0	0
Fees—					Equipment	..	3,269	12	7
Students' fees	..	15,805	1	0	Expenses connected with appointment				
Assays	..	58	8	6	and transport of professors	..	342	6	0
Chemical analyses	..	13	13	0	Expenses of Professor Macmillan Brown	..	202	3	0
Dental patients	..	981	9	0	Architects' fees	..	1,012	15	3
Bacteriological reports	..	299	7	9	Demolition of old Home Science buildings	..	62	17	3
Pathological reports	..	215	0	6	General expenses	..	1,778	4	9
Rents—					Interest	..	610	14	6
Otago reserves	..	7,047	6	9	Library	..	898	7	9
Southland reserves	..	1,071	11	5	Insurance	..	211	0	11
Castle Street	..	304	0	0	Materials and renewals of stock	..	2,259	5	6
Professors' houses	..	240	0	0	New works—				
Otago Education Board	..	0	10	0	Home Science School	..	3,822	8	9
Government grants—					Biology	..	1,000	0	0
Grant for medical bursars	..	800	0	0	Sundry new work	..	1,563	4	10
Grant for dental bursars	..	850	0	0	Purchase of King Street site and work				
Statutory grant	..	8,750	0	0	thereon	..	14,134	18	0
Grant for Home Science buildings	..	2,787	5	0	Repairs	..	432	9	8
Grant for heating Home Science buildings	..	850	0	0	Repayment of balance of loan to Sir John				
Grant for purchase of King Street site	..	12,825	0	0	Roberts	..	1,000	0	0
Grant from National Endowment	..	1,674	2	7	Refunds—				
Grant for Biology additions	..	1,000	0	0	Fees refunded to students	..	205	4	9
Grant to cover payment by Council					Refund to Scholarship Account	..	100	0	0
from its own funds for erection of					Water, light, and fuel	..	1,036	8	11
new Medical School	..	6,528	19	4	Miscellaneous	..	439	13	9
Annual grant for Mining School	..	750	0	0					
Annual grant for bacteriology	..	500	0	0					
Annual grant for Workers' Educational									
Association	..	500	0	0					
Grant for Public Analyst's laboratory	..	50	0	0					
Subsidies on voluntary contributions	..	3,755	9	2					
Capitation, home science	..	590	12	2					
Capitation, commerce	..	69	17	3					
Sundry grants	..	196	13	4					
Interest on investments	..	2,224	11	5					
University of New Zealand, grant from									
National Endowment	..	836	5	6					
Miscellaneous	..	874	5	8					
Bank balance overdrawn	..	1,400	11	5					
Cheques outstanding	..	364	1	0					
		<u>£85,961</u>	<u>0</u>	<u>9</u>			<u>£85,961</u>	<u>0</u>	<u>9</u>

BALANCE-SHEET ON 31ST DECEMBER, 1920.

<i>Liabilities.</i>			<i>Assets.</i>		
	£	s. d.		£	s. d.
Capital Account—			Debentures	51,203	19 0
Sales of property	3,801	14 9	Companies' shares—		
Dunedin Savings-bank	6,500	0 0	Union Steamship Company (preference)	1,200	0 0
Glendining gift	16,000	0 0	Macky, Logan, Caldwell (preference) ..	924	0 0
Wolff-Harris endowment	2,100	0 0	D.I.C. (Limited), (preference) .. .	376	0 0
Benmore exchange	255	0 0	Sundry debtors—		
Subscribed fund	2,249	0 0	Beverly Trust—Payment due .. .	15	16 7
Lothian bequest	600	0 0	Fees due for bacteriological reports ..	177	8 6
Moritzson Fund	222	3 0	Fees due for pathological reports ..	83	6 6
Donald Reid bequest .. .	5,000	0 0	Students' fees due	241	10 0
Ethnology gift	2,500	0 0	Government grants due	3,289	4 1
Sir John Roberts's endowment ..	2,000	0 0	Rents due from—		
The Dean's Fund	2,000	0 0	Otago reserves	262	4 8
Dr. Barnett's Fund	2,000	0 0	Southland reserves	118	17 10
Mrs. Oliver's bequest	2,006	17 0	Professors' houses	75	0 0
Government grant	6,500	0 0	Education Board	0	5 0
Unexpended balances of special accounts—			Stutholme House Account—Pay-		
Professor Boys Smith's donation ..	33	1 0	ments due	168	10 6
B.M.A. grant	39	19 11	Arts and General Account— <i>Dr.</i> balance	4,196	9 7
Medical bursary grant	586	2 0			
Dental bursary grant	8	8 0			
Chamber of Commerce grant ..	0	2 11			
Chemistry Apparatus Fund	8	2 11			
Bacteriology special grant	552	5 5			
Pathology special grant	121	4 4			
Hocken Library Account	436	11 0			
Hocken Library Books Committee ..	37	4 2			
Grant from Dunedin Hospital staff ..	750	0 0			
Physiology Research Fund	101	16 5			
Workers' Educational Association Ac-					
count	231	6 9			
Sundry income accounts at credit] ..	684	0 3			
Sundry creditors	3,843	6 2			
Home Science School— <i>Cr.</i> balance ..	1,164	6 3			
	<u>£62,332</u>	<u>12 3</u>		<u>£62,332</u>	<u>12 3</u>

The University owes £7,000 on account of debenture debt.

F. REPORT OF THE CANTERBURY AGRICULTURAL COLLEGE (LINCOLN), 1920.

Board of Governors.

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. Lochhead, Esq.

Elected by governing bodies of agricultural and pastoral associations—J. Deans, Esq.; T. 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.—L. J. Wild, M.A., B.Sc., F.G.S.

Lecturer on Applied Mathematics, &c.—F. G. Thomas.

REPORT OF DIRECTOR (ABRIDGED).

SIR,—

I have the honour, by direction of the Board of Governors, in pursuance of the Canterbury College and Canterbury Agricultural College Act, 1896, to submit the following report on the work of the institution for the year ending 31st December, 1920:—

Fifty-five students were enrolled in 1920, the average number in residence being up to the full limit of accommodation. Of the students in residence, eight were holders of bursaries under the Education Department's scheme, two were holders of Kitchener Scholarships, and thirteen of the total were returned soldiers or men who had been in camp.

The work of the students, both in class and on the farm, was satisfactory, and competition for the prizes and scholarships offered by the Board was very gratifying.

Thirty-one students left at the end of or during the year. Of these, thirteen had been in residence for one year, five for two years, and thirteen for three years. Of the latter, eleven passed all their examinations and satisfied the examiners, and were awarded the diploma of the College. In addition, nine students entered for various subjects set for the Degree of Bachelor of Agriculture under the New Zealand University, and were able to sit for the examination at the College. All succeeded in passing. Two students completed the Bachelor of Agriculture course and gained their degrees. A third completed B.Sc., and was also successful in obtaining his degree.

The seed wheat and oat improvement scheme is still being carried on, the co-operation and assistance of the Agricultural Department being continued. A new nursery has been netted in, being about one-ninth of an acre in area. This will not only be useful in the wheat and oat scheme, but will assist the Biologist in his educational work. Representations were made to the Agricultural Depart-

ment with regard to controlling pure strains of wheat after they had passed from College control. A scheme has been evolved whereby the Department takes charge of this part of the work, inspects and distributes the seed.

The addition to the residential part of the College was completed early in the year. The Board again considered the building and equipping of a new chemical laboratory, which is very much required. They were compelled to abandon their idea owing to lack of funds, but they feel this is an improvement which must be effected as soon as possible, and they hope to induce the educational authorities to help in the matter. The College and farm buildings have been kept in good repair, and the average proportion of income has been spent in renovating and repairing the buildings. The farm has been maintained in its former high state of fertility, the return from stock and crops being the best evidence of this fact. Stock on the farm have also maintained their high standard. Exhibits from the flocks and studs forwarded to three of the leading shows in Canterbury gained a large portion of the prizes.

Some three years ago the Board availed themselves of the opportunity of buying a small farm which lay between portions of the College farm, and decided to sell the smaller of the two light farms acquired some years ago, and which are eight miles away from the College. We found that the larger farm was quite big enough for the purpose for which the two were bought—viz., to act as winter country for sheep. We succeeded in selling the smaller farm at an advance on the purchase price.

The Hon. Minister of Education, Wellington.

R. E. ALEXANDER, Director.

ACCOUNTS AND BALANCE-SHEET OF LINCOLN AGRICULTURAL COLLEGE.

STATEMENT OF RECEIPTS AND EXPENDITURE FOR THE YEAR ENDED 31ST DECEMBER, 1920.

<i>Receipts.</i>			<i>Expenditure.</i>		
	£	s. d.		£	s. d.
Balance, 1st January	915	12 1	Students' books	57	1 5
Students' books	63	18 11	Buildings	571	14 3
College contingencies	723	0 0	College contingencies—Interest, &c. ..	1,794	3 11
Students' fees (including £297 10s. paid in advance)	2,036	3 8	Churches and sports	30	0 0
College insurance (rebates)	13	0 11	College insurance	95	17 8
Interest on deposit	34	2 6	Laboratory	265	15 7
Interest on investments	897	10 0	Library	62	19 2
Laboratory—Veterinary fees	17	9 0	Orchard and grounds	219	18 8
Library	0	18 9	Permanent improvements	1,617	0 10
Permanent improvements (refund)	225	0 0	Printing and advertising	26	1 0
Prizes and certificates	23	4 6	Prizes and certificates	39	18 0
Rates (refund)	0	14 6	Rates	205	2 3
Rents	2,850	7 10	Scholarship	20	0 0
Students' maintenance (refunds)	117	6 0	Staff salaries	2,209	10 10
Stationery and exchange	29	3 8	Students' maintenance	3,776	19 11
Farm contingencies	66	5 3	Stationery, telephone, exchanges, &c. ..	166	6 1
Dairy-produce and wool	1,099	16 2	Students' travelling-expenses	43	14 8
Grain	2,813	13 0	Board travelling-expenses	38	15 0
Live-stock	6,538	11 1	Farm contingencies	368	6 10
Seeds	167	7 4	Farm fuel	37	3 9
Saddlery fees	8	10 0	Farm insurance	29	17 8
Farm trades (sacks, dipping, &c.)	263	1 11	Implements	105	2 2
Farm wages (refund)	2	10 0	Live-stock	2,833	3 0
			Manures	672	9 4
			Seeds	213	9 6
			Saddlery	157	14 4
			Farm trades (sacks, fodder, &c.)	767	18 9
			Farm wages	1,945	17 6
			Workshops	247	6 0
			Balance	287	19 0
	<u>£18,907</u>	<u>7 1</u>		<u>£18,907</u>	<u>7 1</u>

INVESTMENT ACCOUNT.

	£	s. d.		£	s. d.
Balance, 1st January, 1920	14,041	5 7	Mortgages	17,000	0 0
Amount transferred—Proceeds of sale of property	4,134	18 0	War stock	1,000	0 0
			Balance	176	3 7
	<u>£18,176</u>	<u>3 7</u>		<u>£18,176</u>	<u>3 7</u>

STATEMENT OF BALANCES.

	£	s. d.		£	s. d.	£	s. d.
Investment Account, Cr.	176	3 7	Post Office Savings-bank, Cr. ..	1,034	2 6		
General Account, Cr.	287	19 0	Cash in hand	5	13 8		
						1,039	16 2
			Bank of New South Wales, Dr. ..	432	6 5		
			Add outstanding cheques	143	7 2		
						575	13 7
	<u>£464</u>	<u>2 7</u>				<u>£464</u>	<u>2 7</u>

R. E. ALEXANDER, Director.

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

No. 3.—DETAILED TABLES.

TABLE M 1.—STUDENTS ON THE BOOKS OF THE AFFILIATED INSTITUTIONS.

	Auckland University College.	Victoria University College.	Canter- bury College.	Otago Unf- versity.	Totals for 1920.
I. Attending lectures (whether terms were kept or not)—					
(1.) Matriculated students—					
(a.) Graduates—					
Men	14	16	25	28	83
Women	6	24	16	18	64
Total graduates attending lectures ..	20	40	41	46	147
(b.) Undergraduates—					
Men	432	344	277	517	1 570
Women	129	179	185	287	780
Total undergraduates attending lectures ..	561	523	462	804	2,350
(c.) All matriculated students (a) and (b)—					
Men	446	360	302	545	1,653
Women	135	203	201	305	844
Total matriculated students attending lectures	581	563	503	850	2 497
(2.) Non-matriculated students—					
Men	206	34	280	154	674
Women	182	83	145	91	501
Total non-matriculated students attending lectures	388	117	425	245	1,175
(3.) All students attending lectures (1) and (2)—					
Men	652	394	582	699	2 327
Women	317	286	346	396	1,345
Total of all students attending lectures ..	969	680	928	1,095	3,672
II. Exempt students not attending lectures, not included above—					
Men	45	39	11	27	122
Women	4	19	2	3	28
Total exempt students	49	58	13	30	150
III. Total of all students (I and II)—					
Men	697	433	593	726	2,449
Women	321	305	348	399	1,373
(Grand total of all students, 1920 ..	1,018	738	941	1,125	3,822
(Grand total of all students, 1919 ..	821	566	696	977	3,060
Increase	197	172	245	128	762

TABLE M 2.—SCHOLARSHIPS, BURSARIES, EXHIBITIONS, AND STUDENTSHIPS HELD AT THE AFFILIATED INSTITUTIONS IN 1920.

Scholarships, &c.	Auckland University College.	Victoria University College.	Canterbury College.	Otago University.	Total.
Junior University Scholarships ...	7	7	2	16	32
University National Scholarships...	18	4	13	22	57
Taranaki Scholarships ...	...	4	...	6	10
Senior University Scholarships ...	4	3	4	7	18
University Bursaries ...	120	107	89	223	539
Educational Bursaries ...	20	40	15	17	92
Other scholarships and exhibitions ...	3	...	4	109*	116
Training-college studentships ...	206	183	153	193	735
Total for 1920 ...	378	348	280	593	1,599
Total for 1919 ...	297	312	274	465	1,348
Increase ...	81	36	6	128	251

* Including seventeen dental and fifty-seven home-science bursaries.

TABLE M 3.—SUBJECTS TAKEN BY STUDENTS.

University College.	Subject.																Total Number of Students.							
	English.	Latin.	French.	German.	Pure Mathematics.	Applied Mathematics.	Education.	Economics.	Geography.	History.	Philosophy.	Physics.	Chemistry.	Biology.	Geology.	Law Subjects.		Commercial Subjects.	Musie.	Engineering and Mining.	Dentistry.	Medicine.	Home Science.	Journalism.
Auckland	235	120	72	..	86	18	46	153	6	74	..	77	86	177	40	204	98	61	72	..	..	..	..	969
Victoria	152	90	71	2	69	29	114	104	17	61	146	74	76	63	15	199	23	..	..	..	..	..	..	680
Canterbury	179	72	93	2	140	..	76	160	44	109	50	80	137	61	31	100	108	63	273	..	..	..	20	928
Otago	191	63	108	26	68	27	99	67	..	57	..	206	200	109	25	49	136	..	29	58	335	72	..	1,095
Totals	757	345	344	30	363	74	335	484	67	301	196	437	499	410	111	552	365	124	374	58	335	72	20	3,672
Percentage	21	9	9	1	10	2	9	13	2	8	5	12	14	11	3	15	10	3	10	2	9	2	1	..

TABLE M 4.—SUMMARY OF ACCOUNTS.
Receipts (exclusive of Special Trusts) for the Year 1920.

University College.	From Government.										Rents from Endowments and Interest.	Fees.	Grants from University of New Zealand.	Donations and Miscellaneous.	Total.
	Statutory Grant and Income from National Endowment.	Grants for Buildings and Fittings.	Grants for Material Apparatus.	Subsidies.	Scholarship Payments, and Miscellaneous.	Total from Government.	£	s.	d.	£	s.	d.	£	s.	d.
Auckland ..	12,549	2 7	4,700	0 0	285	0 0	17,736	12	8	1,901	3	8	836	5	7
Victoria (to 31st March, 1921) ..	13,674	2 7	6,000	0 0	200	3 0	22,765	13	1	106	9	9	836	5	7
Canterbury ..	5,549	2 7	..	..	275	0 0	7,234	7	2	17,469	8	1	836	5	6
Otago ..	12,224	2 7	23,991	.. 4	3,755	9 2	43,541	17	4	10,119	14	7	836	5	6
Total for four University colleges	43,996	10 4	34,691	4 4	4,515	12 2	91,278	10	3	29,596	16	1	3,345	2	2

Payments (exclusive of Special Trusts) for the Year 1920.

University College.	Administration.			Salaries.			Sites, Buildings, &c.			Equipment and Apparatus.			Material, Renewals, &c.			Expenditure on Endowments.			Interest.			Libraries.			Scholarships.			Miscellaneous.			Total.
	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	
Auckland ..	2,759	9	6	14,563	19	2	5,657	11	8	1,546	15	5	..	..	..	2	11	0	486	6	1	..	..	..	61	18	9	25,078	11	7
Victoria (to 31st March, 1921)	2,055	9	9	14,889	14	4	6,482	4	3	738	18	3	..	..	..	..	..	..	734	5	0	50	0	0	1,992	7	4	26,942	18	11
Canterbury ..	2,914	15	0	16,498	4	11	5,168	3	10	2,572	18	5	738	15	7	416	6	5	698	9	11	521	15	1	5,345	2	1	35,979	16	8	
Otago ..	3,908	13	3	28,936	3	9*	20,820	16	0	3,118	4	3	2,256	4	6	..	..	..	798	1	6	1,071	6	0	7,657	5	5	69,190	15	8
Total for four University colleges	11,638	7	6	74,888	2	2	38,128	15	9	7,976	16	4	2,995	0	1	416	6	5	2,717	2	6	1,643	1	1	15,056	13	7	157,192	2	10	

* Including £2,599 17s. 9d. from fees.

Approximate Cost of Paper.—Preparation not given; printing 900 (copies), £52 10s.

