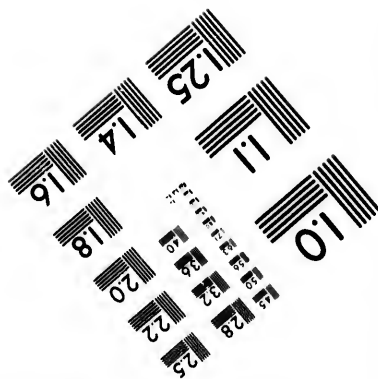
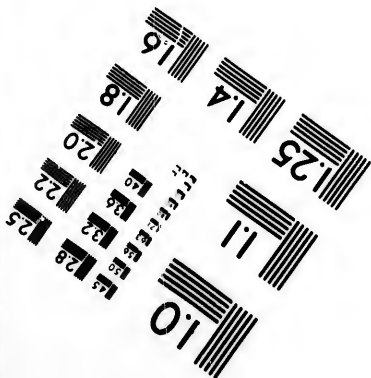
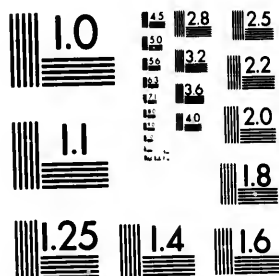


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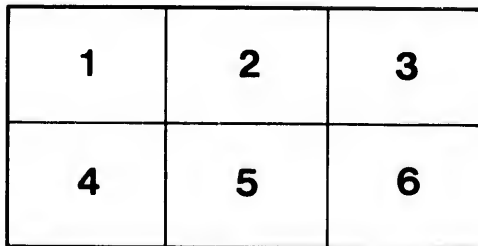
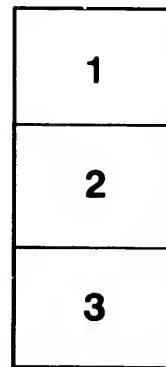
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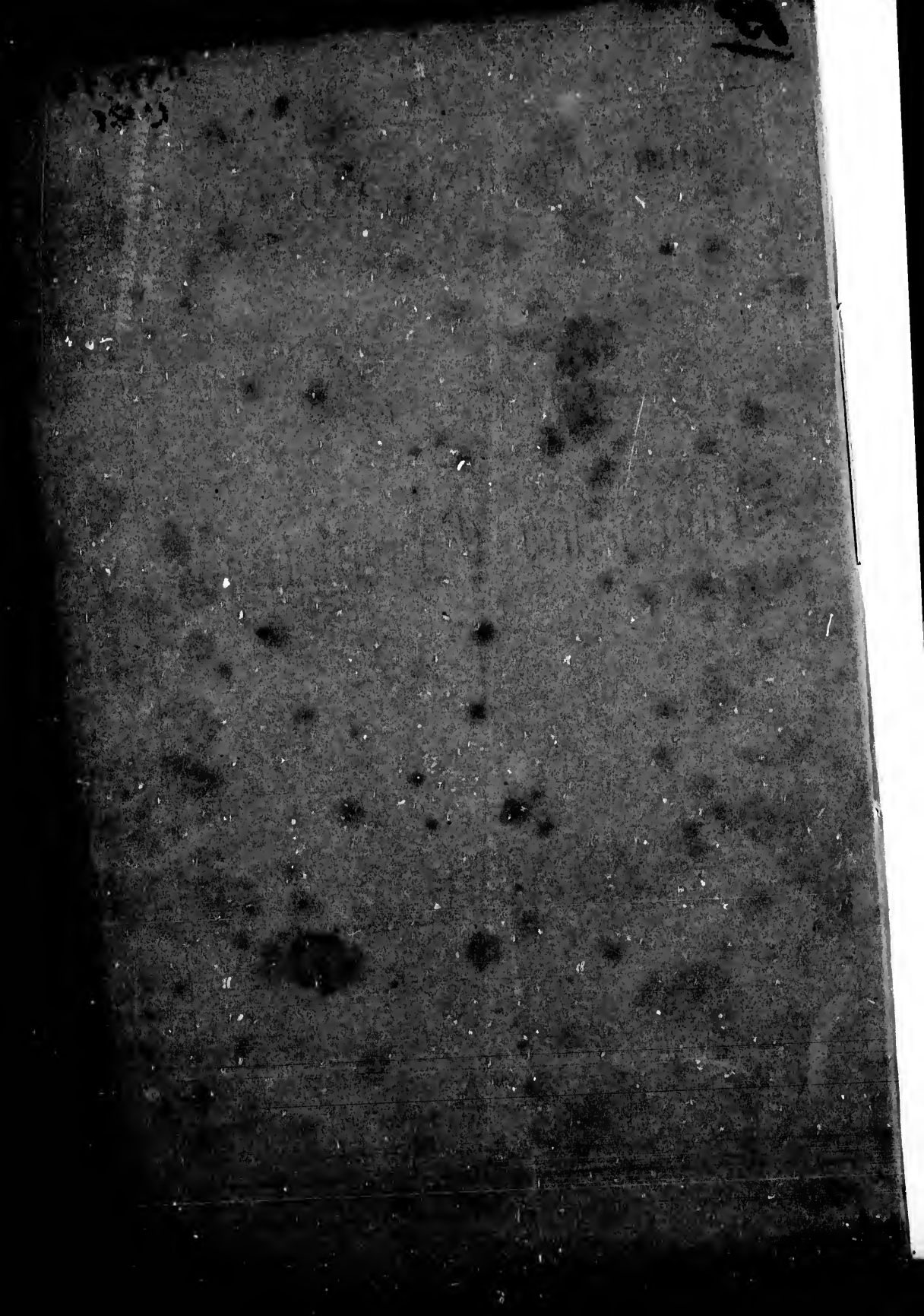
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GILCHRIST

Scholarship Examinations,

AND OTHER MATTERS.



CORRESPONDENCE AND PAPERS

CONNECTED WITH THE

Gilchrist Scholarship Examinations,

AND OTHER MATTERS.

The Secretary of State for the Colonies to the Governor General:

DOWNING STREET,
23rd November, 1869.

Canada,
No. 211.

Sir,

With reference to the correspondence noted in the margin, I have the honor to transmit to you herewith for your information and guidance, a copy of a letter from the Registrar of the University of London, on certain points connected with the examinations for the Gilchrist Scholarships.

Gov. to S. of S.
No. 66, June 17, '69.

S. of S. to Govr.
No. 155, Aug. 10,
Gov. to S. of S.,
No. 105, Oct. 21,
Gov. to S. of S.,
No. 86, July 30,

In elucidation of the offer contained in the last paragraph of this letter to entertain favourably any application from Canada, for the holding in the Dominion of the first and second B. A. Examinations of the University, I transmit to you copies of a correspondence which took place in reference to an application received from the Mauritius in 1864-5.

(Gov. Mauritius,
No. 106, Ap^l 27, 64.
S. of S. to Gov.
No. 223, Nov. 25, 64.
Gov. Mauritius.
No. 112, May 4, 65.
S. of S. to Gov.
No. 417, June 23, 65.

I have, &c.,

GRANVILLE.

Governor General

The Right Hon. Sir John Young, Bart.,
G. C. B. G. C. M. G.

&c. &c. &c.

Dr. Carpenter to Sir F. Rogers,

UNIVERSITY OF LONDON,
17 Saville Row, 12 Nov., 1869.

Sir,

Referring to previous correspondence on the subject of the examinations carried on by the University of London in the Dominion of Canada, I have now the honour of enclosing to you, for transmission to Canada,

1. Copies of the Pass List in which numbers are assigned to the Candidates, who gained places in the Honour's List, shewing the positions they respectively took, in relation to Honours Candidates examined in England.

Vide Appendix,
A. B. and C.

2. Copies of the revised Regulations relating to the Gilchrist Scholarship, in which the ambiguity previously noticed in Regulation &c., has been removed.

3. Copies of the Regulations of the University of London, containing the subjects of the Matriculation Examinations for 1870 and 1871.

With reference to the claim for remuneration, made by some of the sub-examiners employed to superintend the local examinations and the deduction for expenses of advertising, &c., which has been made in some instances, from the Matriculation Fees paid over to the University, I am to call your attention, to the understanding which has always existed, in regard to the Colonial Examinations, (of which the one instituted at Mauritius, at the instance of Sir Henry Barkly was the first,) that any expenses attendant on examinations, should be borne by the Colonies in which they are held. These examinations stand, in reference to the University of London, on the precise footing of the Provincial Examinations, held at different centres in this country, on the application of Colleges or other Public bodies; by which bodies the requisite accommodation is provided, and all expenses attendant on such examinations undertaken.

The Senate of the University consider that the holding of its Matriculation Examination in Canada is of advantage to the Dominion, not merely as furnishing the basis of the award of the Gilchrist Scholarship, but also as giving to all the Candidates who pass it a recognized status in the University of London, and as preparing them to proceed to its Degree Examinations, if they should so desire and I am empowered to state that any application made through the Colonial Office, similar to that contained in your letter of June 14th 1865, in regard to Mauritius—for the holding of the first and second B. A. Examinations in Canada, will be favourably received by the Senate.

I have &c.,

WM. B. CARPENTER.

Registrar.

SIR. F. ROGERS, BT.

&c., &c., &c.

Governor Sir H. Barkly to the Duke Newcastle.

No. 106.

MAURITIUS,
27th April, 1864.

MY LORD DUKE,

In connection with my despatch No. 100 of the 25th Inst., I have the honour to submit for Your Grace's favourable consideration, the accompanying Copies of a letter from the Rector of the Royal College, and a Resolution passed by the College Committee of the Council of Education, proposing that the Senate of the London University should be moved to accord to Students of the Royal College the privileges granted in the Provincial Matriculation Examinations for the Degree of B. A.

2. On reference to article 4 of the Rules and Regulations of the Royal College, of which copies are enclosed, it will be observed that in the late reorganization of the Institution, it has been from the first contemplated that "in case of any University in the Mother Country allowing Students to matriculate or take out degrees without leaving the colony" the Royal College should prepare Students for such Matriculation and Degrees, and it is as a first step towards the attainment of this object that the present recommendations of the Rector and the College Committee are put forward.

3. It is needless for me to enlarge upon the benefits which would accrue to the cause of education in this Colony, from the yearly comparison between the standard of attainments here and in the mother country, amongst Students of the same age, which would be instituted by the London University in granting the solicited facilities for undergoing its initiatory examination; and I have little doubt that, should the proposal meet with Your Grace's support it will be accepted as essentially within the Province of the great Universities in the parent state thus to make their criterion of sound education a test by which those who are engaged in the instruction of youth in the British Colonies may measure the general success of their labours.

I have &c.

HENRY BARKLY.

His Grace,

The Duke of Newcastle, K. G.

&c., &c., &c.

Rector to Chairman of College Committee :

ROYAL COLLEGE,
20th April, 1864.

Sir,

I have the honor to lay before the Committee, here annexed, my recommendations regarding the ways and means for meeting the most pressing necessities, pending the sanction by the Secretary of State.

2. I also beg to submit to the Committee the expediency of making better provisions for the examinations of our higher classes.

Such a provision is not only called for on account of the difficulty of procuring sufficient examiners in so busy and so changeable a community as ours, but specially by the necessity of providing a constant and reliable test of the progress and studies of the Royal College.

These studies, according to the present Regulations, are based on the programme of the Matriculation Examinations of the London University, and I should therefore propose to the Committee to move His Excellency to obtain the support of the Secretary of State, to the end of securing to this Institution the privileges granted by the London University in the Provincial Pass Examinations for Matriculation for the Degree of B. A.

3. There is no practical difficulty in the way of such a concession. The Examination papers might be forwarded and returned like those of the Horse Guards on similar occasions.

A sub-examiner might be named here] either by the Governor or the University.

The names of successful Students would appear in supplementary lists.

The only question of moment or urgency, if this privilege be granted by the Senate of the University, would be in regard to the Examinations of 1865.

In such case, the books always indicated a year before by the University, say for thirty Students, with all necessary information should be procured as speedily as possible so as to enable the College to adjust the Studies of the beginning of the Academical year,—Sept. 1864.

All other arrangements are of no urgency, and matter of after consideration.

I have, &c.,

(Signed)

C. A. REAL,
Rector.

To the Honorable,
The Chairman,
Of the College Committee, &c., &c., &c.

Mr. Cardwell to Governor Sir H. Barkly

DOWNING STREET,
25th Nov., 1864.

Sir,

On the receipt of your Despatch No. 106 of the 27th April, I referred for the consideration of the Senate of the London University, the desire of the Mauritius Government that the Students of the Royal College should enjoy the privileges granted in the Provincial Matriculation Examinations for the Degree of B. A. I am happy to state that the Senate have acceded to this request, and I transmit to you for your information and guidance the Copy of a correspondence which passed on the subject, and which would have been earlier forwarded had I not waited for further information from that body in reply to the letter from this Office of the 21st July, which, however, has not yet arrived.

Mauritius No. 223

*C. O. 27th June, 1864.
London University
15th July.
Answered July 31.*

I have, &c.,

E. CARDWELL.

Governor,

Sir H, Barkly, K. C. B.

&c., &c., &c.

Sir F. Rogers to Clerk to Senate, London University :

DOWNING STREET,
27th June 1864.

SIR,—

I am directed by Mr. Secretary Cardwell to transmit to you, for the consideration of the Senate of the London University, the copy of a despatch with enclosures from the Governor of the Mauritius recommending a request made by the College Committee of the Council of Education, that the Senate of the London University should accord to Students of the Royal College in that Island, the privileges granted in the Provincial Matriculation Examination for the Degree of B. A.

No. 106, 27th April
1864.

I have &c.,

F. ROGERS.

The Clerk,

To the Senate

Of the London University.

Dr. Carpenter to Sir F. Rogers.

University of London
Burlington House,
July 15th 1864.

SIR,—

Referring to your letter of the 27th ult. (addressed to the Clerk of the Senate) with its enclosures, I am directed by the Senate of the University of London to transmit to you, for the information of Mr. Secretary Cardwell, a statement of the conditions on which the Senate are prepared to accord to Students of the Royal College in the Island of Mauritius the power of becoming Candidates for the Midsummer Matriculation Examination as requested in the letter of Governor Sir Henry Barkly of the 27th April 1864. These conditions are as follows:

1. That the Examination be conducted like the Provincial Examinations, under the superintendence of a Responsible Sub-examiner, who shall be nominated by the Governor of the colony, and who shall be altogether independent of the authorities of the College.

2. That the Examination Papers for the Midsummer Matriculation Examination be sent out through the Colonial Office by the mail of the 26th May, and that they be addressed to the Governor, who shall be requested to deliver them unopened to the sub-examiners.

3. That the Examination shall be held as soon as convenient after the arrival of the Mail by which the papers are transmitted, and that immediately on its conclusion the Sub-Examiners shall place the answers of the Candidates in the custody of the Governor of the Colony to be by him transmitted by the next Mail through the Colonial Office to the Registrar of the University.

4. That the Registrar, on receiving the answers, shall distribute them to the Examiners, who shall make a Supplemental Report thereon, classing the Candidates according to the Regulations, in a list by themselves, but indicating, as nearly as may be, the situations which those who may be entitled to places in the Colonial Honors Division would have held in the *Home* Honors Division, if they had been examined in this country.

5. That candidates examined in Mauritius, be not admitted to competition for the Exhibitions and Prizes offered to candidates examined in this Country; but that if the Colonial Authorities should think fit to offer Candidates examined in Mauritius, any corresponding Rewards for proficiency, the Examiners shall include in their Report, any recommendation which they may think then to have merited in regard to such awards.

The first three of these conditions, are framed with the view of providing adequate security, that the examinations at Mauritius shall be conducted in every respect, on the footing of the examinations carried on in this Country, and the last two, with the view of avoiding that interference with the existing Regulations of the University, which would have become necessary, if the Candidates examined at Mauritius, had been admitted to unrestricted competi-

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tion with the Candidates examined in this Country, as the *comparison* of standards of attainment rather than *competition* amongst the Candidates, seems to be the object aimed at by the Colonial Authorities. The Senate hope that the arrangements they have proposed, will meet the views which have dictated this application.

Should these arrangements be considered satisfactory by Mr. Secretary Cardwell, I shall be happy to afford any information which may be desired in regard to the details of the proposed plan.

I have, &c.,

WM. B. CARPENTER,

Registrar.

Sir FREDERIC ROGERS, Bart.

&c., &c., &c.

Sir Frederic Rogers to Dr. Carpenter.

DOWNING STREET,

21st July, 1864.

Sir,

I am directed by Mr. Secretary Cardwell to acknowledge the receipt of your letter of the 13th inst., stating the conditions on which the Senate of the University of London are prepared to accord to the Students of the Royal College, Mauritius, the power of becoming Candidates for the Midsummer Matriculation Examination. Mr. Cardwell considers the proposed arrangement to be very satisfactory, and will be glad to receive any further information on the subject that you may be able to afford, for transmission to the Governor.

In the meantime the Colonial Agent General has been desired to place himself in communication with you respecting the books to be sent to the Colony by the next opportunity. The number of Students will be about thirty.

No. 10 Spring Gardens.

I am, &c.,

F. ROGERS.

Dr. W. B. Carpenter,
London University.

Sir F. Rogers to the Colonial Agent General.

DOWNING STREET,
21st July, 1864.

Sir,

The Senate of the London University having consented to accord to the Students of the Royal College, Mauritius, the power of becoming Candidates for the Midsummer' Matriculation Examination, I am directed by Mr. Secretary Cardwell to request that you would place yourself in communication with the Registrar of the University with the view of obtaining from him such books as he may consider necessary to be sent to the Colony by the next opportunity.

I am, &c.,
F. ROGERS.

The Agent General
for the Colonies.

Governor Barkly to Mr. Cardwell.

No. 112.

MAURITIUS,
4th May 1865.

SIR,—

Miscellaneous.

Gov., 106-27-4-64.
S. of S. 223-25-11-64.
15th October 1864.

With respect to the previous correspondence noted in the margin, I have the honor to forward for your consideration the accompanying copy of a letter addressed by the Rector of the Royal College in October last to the Chairman of the College Committee representing the advantages that would arise from allowing Students of the Royal College to enter for the 1st and 2nd B. A. Examinations as well as for the Matriculation Examination of the London University.

27th January 1865.
Par. 3.

2. At the time when this letter was laid before me by the College Committee I had not yet been informed officially of the decision taken by the University of London relative to the Matriculation Examination, but on the receipt of your despatch No 223, of the 25th of November last, I referred back the subject for the consideration of the Committee and it will be seen by an extract of their minutes of proceedings herewith enclosed that in recording their acknowledgements for the favour granted in respect to the Matriculation Examination they urge me to move for its extension so as to include the other two Examinations for the degree of B. A. I beg therefore that the Rector's application may be brought under the notice of the London University.

I have &c.,
HENRY BARKLY

The Rt. Hon :
EDWARD CARDWELL,
&c. &c. &c.

The Revd. C. Rea to Chairman College Committee.

ROYAL COLLEGE.

15th Oct. 1864.

SIR,—

In laying before the Committee the Copy of a Correspondence concerning the concession of the Midsummer Matriculation Examination on the part of the Senate of the London University,

2. I have the honor to point out to the Committee that the correspondence at present only speaks of the Matriculation Examination and that there is as yet no allusion made to the two B. A. Examinations.

3. In England the Provincial Candidates may come up to London for these two Examinations at a comparatively trifling loss of money and of time, but very different would the case be with the Mauritius Candidates.

4. As the two English Scholarships which are competed for in the 2nd class of the College are at present the only inducement held out to the Students of the higher classes, the Students generally leave as soon as their chances for that prize are on the wane.

5. This want of encouragement for the prosecution of Collegiate studies in so remote a Colony as the Mauritius must be looked upon as the chief obstacle to the progress of knowledge and of education, and it is simply with this view that the expediency of an application to the London University was recommended.

6. The Matriculation at the London University, can only be of value to the Students of this Colony, as long as it is the key to the subsequent B. A. Examinations, and to the degree of B. A. at that University.

7. For as the programme of the Matriculation Examination coincides with that of our 3rd Class, the lowest in the College proper, and as the programme of our 2nd Class, the Class in which the competition for the English Scholarship takes place, is equivalent to that of the 1st B. A. Examination, any competitor who might have failed in obtaining either of the two first places, would be thus encouraged to persevere at the Royal College, with the view of obtaining the Degree of B. A. by continuing another year in the 1st Class, the programme of which, would be based on that of the second B. A. Examination.

8. To carry out this important object, there would be required for the next Midsummer Examination, not only the papers for the Matriculation, but also for the 1st B. A. Examination, and a dispensation in favor of the Students of the 2nd Class, to enable them to pass the Matriculation and 1st B. A. Examination at the same period, viz: Midsummer 1865.

9. This would be the only exceptional favour required for the establishment of the B. A. Examination at the Mauritius, and as the result of such a connection with the University of London, socially and politically, cannot be otherwise,

but most beneficial, I trust that the Committee will support this application, which, if successful, would not only procure a test above local doubts, and changes, but which would even supply a powerful encouragement for higher studies, by the possible prospect of University distinctions, hitherto beyond the reach of the majority of our Students, from the remoteness of our Colony.

I have, &c.,

C. A. REAL,
Rector.

The Hon.
The Chairman of the
College Committee.

*Extract of Minute of Proceedings of Council of Education, held on the 27th
January, 1865.*

Resolved :

“That while gratefully acknowledging the favour conferred on the Royal College of Mauritius, by the Senate of the London University, in allowing the pupils of the College to enjoy the privileges granted in the Provincial Matriculation Examinations for the Degree of B. A., the Council of Education beg to request His Excellency the Governor to extend his former application to the Senate of the London University, so as to include the 1st and 2nd B. A. examinations, which are the chief practical benefits to be derived from the Matriculation Examinations.”

Mr. Cardwell to Gov. Sir H. Barkly.

Mauritius,
No. 417.

DOWNING STREET.
23rd June, 1865.

SIR,—

I have submitted for the consideration of the University of London, your despatch, No. 112, of the 4th ult., requesting that the students of the Royal College Mauritius may be allowed to enter for the 1st and 2nd B. A. Examinations, and I transmit for your information the copy of a letter from the Registrar, stating the conditions on which the Senate are prepared to comply with your request. June 22nd.

I have, &c.,
E. CARDWELL.

Governor
Sir H. Barkly,
&c., &c., &c.,

Dr. Carpenter to Sir F. Rogers.

UNIVERSITY OF LONDON,
BURLINGTON HOUSE, W.,
22nd June, 1865.

SIR,—

I have the honor to inform you that I, yesterday, laid your letter of the 14th instant, with its enclosures, before the Senate, and that I am directed to state to you, for the information of Mr. Secretary Cardwell, that the Senate are prepared to enter into arrangements with the authorities of the Royal College, Mauritius, for admitting students of that College to the 1st and 2nd B. A. Examinations of this University, under conditions similar to those already laid down with regard to the Matriculation Examination.

2. I am to point out however, that such arrangements can only have reference to the *Pass* Examinations; the separate Honors Examinations which follow these at the B. A. Examinations, being always conducted solely at the University.

3. With reference to the desire expressed in the letter of the Rector of the Royal College, (par. 8,) that there should be held this Midsummer, not only a Matriculation, but a first B. A. Examination, to which Candidates should be admitted, who shall have just passed the Matriculation Examination, I am to state, that the Senate are not prepared to forego in favor of the Students of the Royal College, that part of their regulations which requires an interval of a year to elapse, between these two Examinations.

4. I am instructed to inform you further, that, as all the Provincial Examinations carried on in connection with the University, are granted on the annually renewed application of the Authorities of the Colleges desiring them, it is the wish of the Senate, that the Rector of the Royal College, Mauritius, should conform to the established system, by transmitting to me early in every year, an application for the Examinations which are desired by the Authorities of the College for that year, with a statement of the probable number of Candidates at each. This application should reach my hands, not later than the 1st March.

I have, &c.,

WM. B. CARPENTER,

Registrar.

Sir F. ROGERS, Bart,

&c., &c., &c.

UNIVERSITY OF LONDON, 1869.

Appendix A.

COLONIAL EXAMINATIONS,—DOMINION OF CANADA.

JUNE MATRICULATION.—PASS LIST.—HONOURS DIVISION.

[The number prefixed to each name indicates the number in the original list immediately after which that name would have been placed, had the Candidate been examined in England.]

Colleges, &c.

- 5 × MCKENZIE, JOHN LOUAN... } *Gilchrist* } ...High Sc. and Morrin Coll. Quebec.
 } *Scholar.* }
6 × MACFARLANE, WILLIAM STEWART University of New Brunswick.
48 COX, ROBERT GREGORY Trinity College, Toronto.

× Obtained the Number of Marks qualifying for a Prize.

FIRST DIVISION.

CHESLEY, SAMUEL AINSLEY Wesleyan Coll. Sackville, N. Br.

Appendix B.

GILCHRIST EDUCATIONAL TRUST.

TRUSTEES.

SIR JOHN BOWRING, L.L.D., F.R.S.
ROBERT VERITY, Esq., M.D.
WILLIAM BURNLEY HUME, Esq.

GEORGE GROTE, Esq., D.C.L., F.R.S.
RICHARD LEIGH HOLLAND, Esq.

SECRETARY.

WILLIAM B. CARPENTER, Esq., M.D., F.R.S.

[All communications to be addressed to

The Secretary of the Gilchrist Educational Trust,

University of London, London, W.]

Conditions for Scholarships instituted by the Gilchrist Educational Trust for the benefit of Youths residing in the Dominion of Canada.

A Scholarship of the value of £100 per Annum, and tenable for Three Years, will be annually awarded to a Candidate resident in the Dominion of Canada, who shall become eligible by Competitive Examination, and shall be desirous of prosecuting a further course of Academical Study in Great Britain, under the following conditions, --

1. Every Candidate shall either be a Native of the Dominion of Canada, or shall have resided there for the five years immediately preceding the Examination.

2. Every Candidate must furnish proof satisfactory to the Local Authorities that he has completed his 16th year, and that his Age does not exceed 22 years.

3. Every Candidate must furnish proof satisfactory to the Local Authorities, that in regard to personal character he is qualified to be admitted to competition for a Scholarship.

4. Candidates approved by the Local Authorities shall present themselves at the Midsummer Matriculation Examination of the University of London, which will be held simultaneously in Quebec, Montreal, Kingston, Toronto, Ottawa, Halifax, and Fredericton, commencing on the last Monday in June, under the direction of Sub-Examiners appointed by the Governor of the Dominion of Canada.

5. The Answers of the Candidates, approved as aforesaid, will be forwarded, through the Colonial Office, to the Registrar of the University, who will cause them to be reviewed by the Examiners, and who will draw up the Report of the results of the Examination; and the Scholarship shall be awarded to the Candidate who shall come out highest at that Examination, provided that he pass either in the Honours or in the First Division.

6. The award of the Examiners shall be transmitted forthwith by the Secretary of the Gilchrist Trust, through the Colonial Office, to the Local Authorities in the Colonial Capitals, to be by them announced to the Candidates.

7. The successful Candidate will be expected to arrive in London, and to present himself to the Secretary of the Gilchrist Trust, not later than the first week in the October following his appointment.

8. Each Scholar shall be allowed an option as to place of study between the University of Edinburgh, and University College, London; but he shall be expected to pursue his studies with a view to Graduation in one of the Four Faculties of the University of London.

9. Each Scholarship shall be considered as commencing from the 1st of July following the commencement of the Examination; and shall be paid in quarterly instalments on the first days of October, January, April, and July.

10. Each Scholar shall attend in every Session at least Three Courses of Lectures at the Institution in which he studies, and shall transmit to the Secretary of the Gilchrist Trust, at the conclusion of each Session, a Certificate from each of the Professors whose Lectures he has attended, stating that his diligence and conduct have been satisfactory. Should he not be able to produce such a Certificate, or should he be proved guilty of discreditable conduct elsewhere, he shall be considered to have forfeited all claim to the remaining instalments of his Scholarship.

11. Each Scholar will be expected to present himself at the First Examination in one of the Four Faculties of the University of London--Arts, Science, Law, or Medicine--before the termination of the Second (Academical) Year* from the commencement of his Scholarship, unless excused from

* Thus a Candidate whose Scholarship commences on the 1st of July 1870 would be considered as having fulfilled this condition if he pass the First LL. B. Examination in January 1872; or the First B. A., the First B. Sc., or the Preliminary Scientific M. B. Examination, in July 1872.

doing so by the Trustees ; and if he do not so present himself (unless by permission of the Trustees), or if he fail to pass, he shall be considered as forfeiting his claim to the remaining instalments of his Scholarship. After having passed the First Examination, he will be expected to pursue his studies with a view to presenting himself at the Second Examination within two (Academical) years.

12. The foregoing Scheme shall be subject to revision from time to time ; the Trustees reserving to themselves the power of altering the conditions of the Scholarships, or of altogether withdrawing them, if they deem it expedient to do either. But no change will be made in such a manner as to affect the interests of Candidates already appointed to Scholarships or in any case without Twelve Months' Notice.

Appendix C.

UNIVERSITY OF LONDON.

REGULATIONS FOR MATRICULATION.

All Communications must be addressed "To the Registrar of the University of London, 17 Savile Row, London, W."

[N. B.] Candidates for any Degree granted by this University (with the exception of such as have Graduated in Arts either in the University of Sydney or in that of Melbourne) are required to have passed the MATRICULATION EXAMINATION.

This Examination is accepted (1) by the Council of Military Education in lieu of the Entrance Examination otherwise imposed on Candidates for admission to the Royal Military College at Sandhurst ; and (2) by the College of Surgeons in lieu of the Preliminary Examination otherwise imposed on Candidates for its Fellowship. It is also among those Examinations of which some one must be passed (1) by every Medical Student on commencing his professional studies ; and (2) by every person entering upon Articles of Clerkship to an Attorney,—any such person Matriculating in the First Division being entitled to exemption from one year's service.]

There shall be two Examinations for MATRICULATION in each year ; one commencing on the second Monday in January, and the other on the last Monday in June. (1)

No Candidate shall be admitted to the MATRICULATION Examination unless he has produced a Certificate (2) showing that he has completed his Sixteenth year. This Certificate shall be transmitted to the Registrar at least *fourteen days* before the commencement of the Examination.

(1) These Examinations may be held not only at the University of London, but also, under special arrangement (See Appendix), in other parts of the United Kingdom, or in the Colonies.

(2) A Certificate from the Registrar General in London or from the Superintendent Registrar of the District, or a certified copy of the Baptismal Register, is required in every case in which it can possibly be obtained. In other cases the best evidence procurable is admitted.—The Certificate of each Candidate is returned to him when he enters his name on the Register ; for which entry a time is appointed, of which he is informed, when the receipt of his Certificate of Age is acknowledged by the Registrar.

(1) Payment of the Fee is not expected until the Candidate enters his name on the Register of the University.

A Fee of Two Pounds shall be paid at Matriculation. No Candidate shall be admitted to the Examination unless he has previously paid this Fee to the Registrar. (1) If a Candidate withdraw or fail to pass the Examination, the Fee shall not be returned to him, but he shall be admissible to any *two* subsequent MATRICULATION EXAMINATIONS without the payment of any additional Fee, provided that he give notice to the Registrar at least *fourteen days* before the commencement of the Examination.

The Examination shall be conducted by means of Printed Papers; but the Examiners shall not be precluded from putting, for the purpose of ascertaining the competence of the Candidates to pass, *viva voce* questions to any Candidate in the subjects in which they are appointed to examine.

Candidates shall be examined in the following subjects :—

MATHEMATICS.

ARITHMETIC.

The ordinary Rules of Arithmetic.
Vulgar and Decimal Fractions.
Extraction of the Square Root.

ALGEBRA.

Addition, Subtraction, Multiplication, and Division of Algebraical Quantities.
Proportion.
Arithmetical and Geometrical Progression.
Simple Equations.

GEOMETRY.

The First Four Books of Euclid :—or, The principal properties of Triangles, and of Squares and other Parallelograms, treated geometrically. The principal properties of the Circle, and of its inscribed and circumscribed figures, treated geometrically.

NATURAL PHILOSOPHY.

MECHANICS.

Composition and Resolution of Statical Forces.
Simple Machines (*Mechanical Powers*) :—Ratio of the Power to the Weight in each.
Centre of Gravity.
General Laws of Motion, with the chief Experiments by which they may be illustrated. Law of the Motion of Falling Bodies.

HYDROSTATICS, HYDRAULICS AND PNEUMATICS.

Pressure of Liquids and Gases, its equal diffusion, and variation with the depth.
Specific Gravity, and modes of determining it.
The Barometer, the Siphon, the common Pump and Forcing Pump, and the Air Pump.

ACOUSTICS.

Nature of Sound.
Mode and rate of Propagation of Sound.
Musical Tones.

OPTICS.

Laws of Reflexion and Refraction.
Formation of Images by Simple Lenses.

(1) The knowledge required of these subjects in Natural Philosophy is such as may be attained by attending a Course of Experimental Lectures.

The CLASSICAL Subjects for 1870 and 1871 are—

For January 1870 :—*Xenophon*, Hellenics, Book I. ; *Virgil*, Georgics, Book IV.

For June 1870 :—*Homer*, *Odyssey*, Book XI., *Livy*, Book I.

For January 1871 :—*Xenophon*, *Cyropædia*, Book II. ; *Virgil* Georgics, Book III., and *Eneid* Book IV.

For June 1871 :—*Homer*, *Iliad*, Book IX., and *Verro*, Oratio II, in *Catilinani*.

CHEMISTRY.

Heat—its sources. Expansion. Thermometers—relations between different Scales in common use. Difference between Temperature and Quantity of heat. Specific and Latent heat. Calorimeters. Liquefaction. Boilition. Evaporation. Conduction. Convection. Radiation. Chemistry of the Non-Metallic elements ; including their compounds as enumerated below—their chief physical and chemical characters—their preparation—and their characteristic tests. Oxygen, Hydrogen, Carbon, Nitrogen, Chlorine, Bromine, Iodine, Fluorine, Sulphur, Phosphorus, Silicon.

Combining Proportions by weight and by volume. General nature of Acids, Bases, and Salts. Symbols and Nomenclature.

The Atmosphere—its constitution ; effects of Animal and Vegetable life upon its composition. Combustion. Structure and properties of Flame. Nature and composition of ordinary Fuel. Water. Chemical peculiarities of Natural waters, such as rain water, river water, spring water, sea water.

Carbonic Acid. Carbonic Oxide. Oxides and Acids of Nitrogen. Ammonia. Olefiant Gas, Marsh Gas, Sulphurous and Sulphuric Acids, Sulphuretted Hydrogen.

Hydrochloric Acid. Phosphoric Acid and Phosphuretted Hydrogen ; Silica.

CLASSICS.

THE GREEK AND LATIN LANGUAGES.

One Greek and one Latin subject, to be selected by the Senate one year and a half previously from the works of the undermentioned authors : (1)

Homer One Book.

Xenophon One Book.

Virgil.... One Book of the Georgics, and One Book of the *Æneid*.

Horace.... Two Books of the Odes.

Sallust..... The Conspiracy of Catiline, or the War with Jugurtha.

Cæsar.... Two Books of the Gallic War.

Livy..... One Book.

Cicero..... De Senectute or De Amicitia, with one of the following Orations—Pro Lege Manilia, either of the four Catilinarian Orations, Pro Archia, Pro M. Marcello.

Ovid..... One Book of the Metamorphoses, and One Book of the Epistles or Heroides.

The Paper in Greek shall contain passages to be translated into English, with questions in Grammar, History and Geography. The Paper in Latin shall contain passages to be translated into English, with questions in History and Geography. A separate Paper shall be set containing questions in Latin Grammar, with simple and easy sentences of English to be translated into Latin.

THE ENGLISH LANGUAGE.

Orthography : Writing from Dictation ; The Grammatical structure of the Language.

OUTLINES OF ENGLISH HISTORY AND MODERN GEOGRAPHY.

History of England to the end of the Seventeenth Century, with questions in Modern Geography.

THE FRENCH OR THE GERMAN LANGUAGE, at the option of the Candidate. (2)

The Papers in French and German shall contain passages for translation into English, and questions in Grammar (limited to the Accidence) on subjects furnished by those passages.

Candidates shall not be approved by the Examiners unless they have shown a competent knowledge in each of the following subjects :—

1. Classics, including the Greek and Latin Languages, with Grammar, History, and Geography ;
2. The English Language, History, and Modern Geography ;
3. Mathematics ;
4. Natural Philosophy ;

(1) Special stress is laid on accuracy in the answers to the questions in Greek and Latin Grammar.
 (2) Candidates can obtain credit for only one of these Languages.

5. Chemistry ;

6. Either the French or the German Language.

The Examinations shall be conducted in the following order :—

MONDAY.

Afternoon, 2 to 4. Latin Classic

4 to 6. Latin Grammar and Composition.

TUESDAY,

Morning, 10 to 1. Greek Classic and Grammar.

Afternoon, 3 to 6. French or German.

WEDNESDAY.

Morning, 10 to 1. Arithmetic and Algebra.

Afternoon, 3 to 6. Geometry.

THURSDAY.

Morning, 10 to 1. English Language.

Afternoon, 3 to 6. English History.

FRIDAY.

Morning, 10 to 1. Natural Philosophy.

Afternoon, 2 to 5. Chemistry.

On Monday Morning at Nine o'clock in the week next but one ensuing, the Examiners shall publish a List of the Candidates who have passed, arranged in alphabetical order. And on the Monday morning next following, at Nine o'clock, the Examiners shall publish a List of the Candidates who have passed, arranged in Three Divisions :—in the Honours Division in the order of proficiency ; in the First and Second Divisions in alphabetical order. (1)

A Pass Certificate signed by the Registrar shall be delivered to each Candidate who shall apply for it, after the Report of the Examiners shall have been approved by the Senate.

If in the opinion of the Examiners any Candidates in the Honours Division of not more than Twenty years of age shall possess sufficient merit, the first among such Candidates shall receive an Exhibition of Thirty Pounds per annum for the next Two Years ; the second among such Candidates shall receive an Exhibition of Twenty Pounds per annum for the next Two Years ; and the third shall receive an Exhibition of Fifteen Pounds per annum for the next Two Years ; such Exhibitions to be payable in quarterly instalments, provided that on receiving each instalment the Exhibitioner shall declare his intention of presenting himself either at the two Examinations for B. A., or at the two Examinations for B. Sc., or at the FIRST L.L. B. EXAMINATION, or at the PRELIMINARY SCIENTIFIC and FIRST M. B. Examinations, within Three Academical Years (1) from the time of his passing the MATRICULATION EXAMINATION.

Under the same circumstances, the fourth among such Candidates shall receive a Prize to the value of Ten Pounds in Books, Philosophical Instruments, or Money ; and the fifth and sixth shall each receive a Prize to the value of Five Pounds in Books, Philosophical Instruments, or money.

Any Candidate who may obtain a place in the Honours Division at the MATRICULATION EXAMINATION in January shall be admissible to the FIRST B. A. or to the FIRST B. Sc. EXAMINATION in the following July. But such Candidate shall not be admissible to the SECOND B. A. or to the SECOND B. Sc. EXAMINATION in the ensuing year, unless he shall have attained the age of Eighteen years.

(1) The places of Candidates in the Honours Division are determined by their respective degrees of proficiency in the subjects of the Pass Examination taken collectively.

By the term "Academical Year" is ordinarily meant the period intervening between any Examination and an Examination of a higher grade in the following year ; which period may be either *more* or *less* than a Calendar year. Thus the interval between the *First* Examination in Arts, Science, and Medicine, and the *Second* Examinations of the next year in those Faculties respectively, is about sixteen months ; whilst the interval between the *Second* B. A. Examination and the M. A. Examination of the next year or between the *Second* B. Sc. Examination and the D. Sc. Examination of the next year, is less than eight months. Nevertheless, each of these intervals is counted "Academical Year."

**PROVINCIAL EXAMINATIONS FOR MATRICULATION AND FOR THE DEGREES
OF B. A. AND B. SC.**

These Examinations are carried on simultaneously with the Examinations in London, under the supervision of Sub-Examiners appointed by the Senate. The Answers of the Candidates at the Provincial Examinations are reviewed by the Examiners at the same time with the Answers of the Candidates examined in London; and a list of the Candidates who have passed at each Provincial Examination is published, at the time fixed by the Regulations, at the place where such Examination has been held.

In 1869 the June Matriculation Examination will be held at Owens College, Manchester, at Queen's College, Liverpool, and at St. Patrick's College, Carlow;—the First B. A., First B. Sc., and Preliminary Scientific (M. B.) Pass Examinations will also be held at Owens College, Manchester;—and the Second B. A. and Second B. Sc. Pass Examinations will also be held at Owens College, Manchester.

The Regulations respecting the transmission of Certificates to the Registrar, the Fees payable to the University, the times and the mode of conducting the Examinations, and the arrangement of the Candidates after examination, are the same for all Candidates.

EXAMINATIONS IN 1869-70.

The following are the Dates at which the several Examinations for the year 1869-70 will COMMENCE:—
MATRICULATION.—Monday January 11, and Monday June 28, 1869; and Monday January 10, 1870.
BACHELOR OF ARTS.—First B. A., Monday July 19; Second B. A., Monday October 25.

MASTER OF ARTS.—Branch I., Monday June 7; Branch II., Monday June 14; Branch III., Monday June 21.

DOCTOR OF LITERATURE.—First D. Lit., Monday June 7; Second D. Lit., Tuesday October 12.

SCRIPTURAL EXAMINATIONS.—Tuesday November 23.

BACHELOR OF SCIENCE.—First B. Sc., Monday July 19; Second B. Sc., October 25.

DOCTOR OF SCIENCE.—Within the first fourteen days of June.

BACHELOR OF LAWS.—First LL. B. and Second LL. B., Monday January 4, 1869, and within the first fourteen days of January 1870.

DOCTOR OF LAWS.—Thursday January 14, 1869, and in the week following the LL. B. Pass Examinations in January 1870.

BACHELOR OF MEDICINE.—Preliminary Scientific (M. B.), Monday July 19; First M. B., Monday July 26; Second M. B., Monday November 1.

BACHELOR OF SURGERY.—Tuesday November 23.

MASTER IN SURGERY.—Monday November 22.

DOCTOR OF MEDICINE.—Monday November 22.

EXAMINATION FOR WOMEN.—Monday May 3.

GILCHRIST SCHOLARSHIP.

A Scholarship of the value of Fifty Pounds per annum, and tenable for three years, will be annually awarded to the highest among these Candidates at the June Matriculation Examination who shall

have been approved by the Principal of UNIVERSITY HALL as fit to be received into that Institution with a view to the prosecution of his studies in University College for Graduation in one of the four Faculties of the University of London; provided that such Candidate pass either in the Honours List or in the First Division.---Particulars may be obtained on application to the Principal of University Hall, Gordon Square, W. C.

A similar Scholarship will be annually awarded to the Candidate from the ROYAL MEDICAL COLLEGE, Epsom, who at the June Matriculation Examination shall stand highest among the Candidates approved by the Head Master of that Institution, and who shall pass either in the Honours List or in the First Division; on condition of his prosecuting his studies during the tenure of his Scholarship with a view to Graduation in one of the four Faculties of the University of London.---Particulars may be obtained on application to the Secretary of the Royal Medical College, 37 Soho Square, W.

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