

THE REPORT  
OF THE  
PRESIDENT  
OF  
QUEEN'S COLLEGE, BELFAST,  
FOR  
THE SESSION 1879-80.

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Presented to both Houses of Parliament by Command of Her Majesty.

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THE REPORT  
OF THE  
PRESIDENT OF QUEEN'S COLLEGE, BELFAST,  
FOR  
THE ACADEMIC YEAR, ENDING 19TH JULY, 1880.

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TO THE QUEEN'S MOST EXCELLENT MAJESTY.

MAY IT PLEASE YOUR MAJESTY—

In accordance with the provisions of the Charter, I have the honour of submitting to your Majesty my Report upon the condition and progress of this College during the Academic year which ended on the 19th instant.

It is with much pleasure I am able to state that the College continues to prosper in the numbers of Students attending the various classes, in the order and discipline uniformly maintained, in the efficiency of the professorial teaching, and in the distinguished success achieved by those trained in the College, at the examinations for admission into the several departments of the Public Service, and in open competition for some of the highest honours awarded by the older Universities of the United Kingdom.

INCREASE IN THE NUMBER OF STUDENTS.

The College has just entered on the fourth decade of its history, and its steady progress will be best estimated by a comparison of the number of Students in attendance during the Session now completed, with the average attendance during each of the three past decades respectively. The College was opened in the year 1849; and the average attendance of Students during the first decade, 1849-59, was 189; the average during the second decade, 1859-69, was 368; the average during the third decade, 1869-79, was 400; while the number of Students enrolled during the past Session was 494. It is satisfactory also to know that the steady increase from year to year has been mainly in the Faculties of Arts and Medicine, showing that Queen's College, Belfast, is largely contributing to the intellectual and professional education of the people of Ireland, and is thus most efficiently fulfilling the important purposes for which it was established by your Majesty. From Tables I. and II., which I have the honour to append, it will be seen that the number of matriculated Students who

entered the College during the past Session, and the aggregate number of matriculated Students in attendance in all the departments, were greater than in any previous year. In Table III., I give the number of Students in each of the four Faculties, Arts, Engineering, Law, and Medicine, respectively, making a total of 456 matriculated, and 38 non-matriculated.

#### MATRICULATION EXAMINATIONS.

The regular Matriculation Examinations for entrance were held on the 21st, 22nd, and 23rd of October, when 121 candidates presented themselves, of whom 102 passed. A supplementary examination was held on the 18th of November, when out of 28 candidates examined, only 14 passed.

All candidates for Degrees in Arts, Medicine, or Law, are required to pass a Matriculation Examination in the English, Latin, and Greek Languages, Mathematics, and History. Candidates for a Degree in Engineering must pass a Matriculation Examination in Mathematics, Geography, and English. All the examinations are in part by written papers, and in part oral.

#### LOCALITIES FROM WHENCE STUDENTS COME.

It will be seen from the detailed statistics in Table IV., that while the great majority of our Students are natives of Ulster, a considerable proportion—about ten per cent. of the whole number—have been attracted from other places. Some have come from the south and west of Ireland; some from England and Scotland, and a few from America, India, and Australia. This fact proves that the efficiency of our collegiate training is recognised and appreciated throughout the world.

#### DISCIPLINE—RELIGIOUS DENOMINATIONS.

In regard to the discipline of the College and the general conduct of the Students, I am able to report most satisfactorily.

Table II. shows that the various religious denominations in Ireland have been represented in our Halls and Class-rooms during the past year; and yet there was not during the entire Session, the slightest interruption of that perfect harmony which has uniformly prevailed among the Students of all sects and classes since the foundation of the College. The Reports furnished to me by the Deans of Residences express in flattering terms their high sense of the exemplary demeanour of those under their spiritual superintendence; and I cannot refrain from stating here my conviction that such intermingling of the young men of this country, in the Halls and Class-rooms of a College, without regard to, or distinction of, sect or party, is productive of the most beneficial effects.

#### DISTINCTIONS GAINED BY STUDENTS IN OPEN COMPETITION.

This College still continues to occupy that high position as a seat of learning, and a place of sound and thorough training, which it won in the early period of its history. My predecessor, the Rev. Dr. Henry, reported last year that Mr. Allen, a former

Student of the College, had obtained the Senior Wranglership in the University of Cambridge. It is with peculiar pleasure I now report that the same distinguished honour has been this year again gained by one of our Students, Mr. Joseph Larmor. Mr. Larmor's career has been singularly brilliant. Before competing for the Senior Wranglership he obtained the highest Mathematical honours in the Queen's University; he also gained the "Neil Arnott" Exhibition in Experimental Physics, and the "University Scholarship" in Mathematical Science, in the London University. He was subsequently awarded the first Smith's Prize in Cambridge, and he has since been appointed by your Majesty to the Chair of Natural Philosophy in Queen's College, Galway.

I may also mention the following honours obtained, during the past year, by men trained in this College. The Rev. Matthew Leitch, M.A., was elected to the Professorship of Biblical Criticism in Assembly's College, Belfast; Mr. T. Hughes Corry gained a foundation Scholarship in Natural Science in Caius College, Cambridge; Mr. R. A. H. McFarland and Mr. R. H. Semple gained each a Mathematical Scholarship in St. John's College, Cambridge; Mr. W. J. Johnston gained a Science Scholarship, and Mr. R. H. Charles a Classical Scholarship, in Trinity College, Dublin. It will also be seen from Table VII., that the Students of this College have been successful in obtaining a very large proportion of the highest honours awarded in Arts, Medicine, Law, and Engineering, at the Examinations for Degrees in the Queen's University.

#### AGES OF STUDENTS, &c.

I have given in Table V., the Ages of the Students attending the College; and in Table VI., I have stated the number of Lectures delivered by each Professor during the past Session, and the number of Students enrolled in each class.

#### NECESSITY FOR THE ENLARGEMENT OF THE COLLEGE BUILDINGS, AND FOR PROVIDING PROPER LABORATORIES.

I consider it to be my duty to place before your Majesty Extracts from the Reports furnished to me by some of the Professors regarding certain urgent wants of the College. The number of our Students has greatly outgrown the accommodation provided for them in the buildings, more especially in the departments of Chemistry, Natural History, Experimental Physics, Engineering, and Anatomy. It is of the utmost importance, in the present state of Ireland, that the fullest encouragement should be given for the systematic study of those branches of knowledge which contribute to the development of the natural resources and staple manufactures of the country. Everything which aids in turning to practical advantage the mines and minerals that abound in Ulster, and in advancing the great local industries of flax-spinning, bleaching, dying, ship-building, and iron-founding, must increase the material prosperity of the country, and tend to enrich and elevate the people. Timely and

liberal assistance given by your Majesty's Government to enable this College to prosecute still more vigorously and successfully its Educational work, would not only be regarded as a boon by the industrious and energetic people of Belfast and Ulster, but would serve, I believe, to stimulate native talent and enterprise, and thus contribute, in no small degree, to save Ireland from periodic seasons of distress.

#### DEPARTMENT OF CHEMISTRY.

The Professor of Chemistry reports to me :—

"I desire to draw your attention to the accommodation of the Chemical Department, which is totally insufficient to meet the present wants of the College; and with the prospect of increasing numbers serious inconvenience must arise unless the evil I complain of is remedied. I believe that the Chemical Class-rooms were designed at a time when the study of Chemistry was regarded as of secondary importance in education—when its influence in Medicine and the Arts and Manufactures, was comparatively slight, and when practical work in the Laboratory had scarcely been introduced into Great Britain. The conditions have now completely changed. Every Student of Medicine and of Pharmacy is required to go through a course of practical Chemistry in the Laboratory. There is scarcely a branch of the Arts or Manufactures into which Chemistry has not been introduced, and a considerable number of purely Chemical Industries have sprung up. The Chemical examination of food and of drugs has been recognised as of national importance. Everywhere the importance of Chemistry is felt, and in almost all the larger English towns, Colleges, or other Educational Institutions, have been established provided with thoroughly equipped Chemical departments, in which the medical man, manufacturer, or public analyst, can be trained in those branches of Chemistry which bear directly on his calling. It is therefore very much to be regretted that our Chemical department is behind the times, and is not adapted to meet the requirements of the ever increasing community of Belfast, and more especially of those great local industries to the prosperity of which applied Chemistry is essential."

The Laboratory, he adds,—

"Is so small that there is proper accommodation for only fifteen Students, whereas, in this year's class of practical Chemistry there are between seventy and eighty. We are compelled, therefore, to pack between twenty and thirty men into the space meant for fifteen. Three times in the day this packing must be repeated, and three times in the day I am compelled to go over the same ground with the different batches of Students."

Such an amount of labour is a severe strain upon the strength of the Professor, and the deficiency in accommodation is injurious to the Students. If not speedily remedied the progress of the College in one of its most important departments will be seriously retarded.

#### EXPERIMENTAL PHYSICS AND ENGINEERING.

The Professors of Natural Philosophy and Engineering have pressed upon me the urgent necessity for providing in the College a Physical and Engineering Laboratory, containing all those

instruments and appliances now requisite for the efficient training of Engineers and skilled Mechanicians. The importance of such a Laboratory in a College placed in the centre of a great commercial and manufacturing community cannot be overestimated. It would give young men of talent the means of obtaining the highest scientific and technical education without incurring the expense of resorting to one of the older Universities.

#### MEDICAL DEPARTMENT.

The steady and rapid increase of the Medical School of this College must be gratifying to all interested in the advancement of Education in Ireland; and I feel bound to state to your Majesty that this increase is mainly owing to the celebrity of the Professors, and to their untiring zeal and acknowledged success in training their pupils. The number of Students in attendance upon the classes during the past Session was greater than in any previous year.

The Professor of Anatomy reports:—

“I would urge in the strongest manner the necessity for the enlargement of the Medical Buildings to an extent at least equal to that embodied in plans prepared last year by the Board of Works. No provision has hitherto been made for an efficient physiological Laboratory, now essential in every Medical School. The Board's plans (prepared by Mr. Owen, the Architect, after an inspection of the existing rooms,) are admirably adapted to remedy the principal deficiencies in accommodation. I recommend those plans to be carried out as early as the arrangements for the purpose can possibly be completed. Last year, after adding every possible additional seat, many Students had to sit on the raised platform which I use for Histological Demonstrations.”

I may state that, in addition to the want of sufficient accommodation for the large and increasing number of Students, and for the practical demonstrations of the Professors, sanitary considerations urgently demand an enlargement of the buildings.

#### DEPARTMENT OF NATURAL HISTORY.

The Professor of Natural History, reports:—

“During the last few years the attendance of Students in my classes has been largely on the increase, and the rapid strides which are yearly being made in the various departments of Natural History, render it indispensable that every instructor in the subject should make his teaching keep pace with the discoveries of the day. For the Natural History Museum, there is urgent need of additional accommodation for the reception of specimens, as not only are the cases entirely occupied, but the objects contained therein are so crowded together as to render them much less available for purposes of study than could be desired.”

The foregoing extracts show the great and steadily increasing prosperity of this College, and they prove that it is in every respect deserving of the support of a paternal Government. I may be permitted to express the hope that the increased accommodation so urgently required will be at once provided, so that the Professors may be encouraged and aided in their praiseworthy labours, and that the efficiency of the College may be still further promoted.

## BENEFACTORS OF THE COLLEGE.

In submitting to your Majesty in Table IX., a list of the Benefactors of this College, and the sums contributed by them, I feel bound to acknowledge the generous liberality displayed by the friends of higher education. The aggregate value of their benefactions I estimate at about £14,000. It is only right to state that these noble gifts form but a very small part of the contributions of the inhabitants of Belfast for educational purposes. They show, however, that the great advantages of local collegiate training in the Arts and Sciences are now felt and fully appreciated, by our merchants, manufacturers, and landed proprietors. I am persuaded that this feeling will grow; and that ere long, as in some of the larger towns of England, men of wealth and of enlightened views will see, as some among us have already seen, that they can most effectually benefit their native town and country by liberal benefactions for the encouragement of higher education.

## RESIGNATION OF THE REV. P. S. HENRY, D.D., PRESIDENT; AND OF THOMAS ANDREWS, M.D., F.R.S., VICE-PRESIDENT.

I cannot close this Report without referring to the resignation of my venerable predecessor, the Reverend P. Shuldham Henry, D.D. Dr. Henry was the first President of this College; and from its infancy up to full and vigorous maturity he directed its affairs with untiring zeal and great wisdom. In resigning his responsible office, he has the satisfaction of seeing the College, for which he laboured so long and so faithfully, in a position of established and acknowledged usefulness and success. To him, and to the most efficient staff of Professors who laboured with him, the people of Ulster owe a deep debt of gratitude.

During the past year the College lost another of its most distinguished ornaments by the resignation of Thomas Andrews, M.D., F.R.S., Vice-President and Professor of Chemistry. Of the services rendered by Dr. Andrews to this College, and to the cause of science throughout the world, it would be impossible to speak in too high terms. His skill as a teacher, and his celebrity as an original investigator and discoverer, placed him in the very first rank among the Chemists of the age. While we lament his loss, we have some satisfaction in knowing that his name, and the memory of his scientific achievements, will be perpetuated in this College by a SCHOLARSHIP, founded by his admirers and friends, which will be awarded from year to year for high attainments in Chemical Science.

I have the honour to be,

Your Majesty's most dutiful servant,

J. L. PORTER, *President.*

Queen's College, Belfast,  
20th July, 1880.



# APPENDIX.

TABLE I.

NUMBER of STUDENTS Matriculated in Session 1879-80:—

Arts, . . . . .	43
Law, . . . . .	1
Medicine, . . . . .	74
Engineering, . . . . .	6

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This Table does not include the Students from other Universities and Colleges, who have been admitted *ad eundem* as Matriculated Students.

TABLE II.

A.—NUMBERS and RELIGIOUS PERSUASIONS of STUDENTS who have entered QUEEN'S COLLEGE, BELFAST, in each year since its opening.

SESSIONS.	Matriculated.	Non-Matriculated.	Total.	Presbyterian.	Church of Ireland.	Roman Catholic.	Methodist.	Various.	Total.
1849-50, . . . . .	90	105	195	145	33	5	4	3	195
1850-51, . . . . .	51	42	93	63	15	7	1	2	93
1851-52, . . . . .	42	40	82	47	25	7	2	1	82
1852-53, . . . . .	31	23	54	23	16	7	2	1	54
1853-54, . . . . .	39	23	62	36	14	5	3	4	62
1854-55, . . . . .	41	33	79	56	13	6	2	2	79
1855-56, . . . . .	33	29	62	36	17	5	2	2	62
1856-57, . . . . .	40	28	68	40	18	4	1	5	68
1857-58, . . . . .	43	28	71	55	8	6	2	—	71
1858-59, . . . . .	51	37	88	51	24	8	4	1	86
Entered in first 10 years,	461	393	854	562	183	60	23	26	854
1859-60, . . . . .	66	24	90	64	14	6	4	2	90
1860-61, . . . . .	96	41	137	85	29	13	3	7	137
1861-62, . . . . .	114	38	152	101	27	5	6	13	152
1862-63, . . . . .	115	22	137	92	23	12	5	5	137
1863-64, . . . . .	109	18	127	86	25	5	3	8	127
1864-65, . . . . .	106	27	135	97	22	6	3	7	135
1865-66, . . . . .	88	30	118	83	17	7	5	6	118
1866-67, . . . . .	95	12	107	61	16	6	10	14	107
1867-68, . . . . .	90	22	112	63	20	5	1	23	112
1868-69, . . . . .	79	24	103	60	16	7	6	14	103
Entered in second 10 years,	960	238	1,218	791	209	72	46	99	1,218
1869-70, . . . . .	83	15	98	54	23	8	4	9	98
1870-71, . . . . .	34	30	114	57	36	2	8	11	114
1871-72, . . . . .	73	25	103	50	23	6	5	14	103
1872-73, . . . . .	99	14	113	60	23	6	9	5	113
1873-74, . . . . .	98	25	123	63	23	6	13	13	123
1874-75, . . . . .	102	32	134	73	33	3	5	15	134
1875-76, . . . . .	91	24	115	69	13	10	7	11	115
1876-77, . . . . .	119	32	151	93	35	3	8	12	151
1877-78, . . . . .	118	23	146	78	34	10	9	15	146
1878-79, . . . . .	123	32	155	94	36	10	7	8	155
Entered in third 10 years,	995	257	1,252	696	304	64	75	113	1,252
Total in 30 years, . . . . .	2,416	903	3,324	2,050	696	196	144	238	3,324
1879-80, . . . . .	127	23	150	89	29	10	10	12	150
Total, . . . . .	2,543	931	3,474	2,139	725	206	154	250	3,474

B.—NUMBERS and RELIGIOUS PERSUASIONS of STUDENTS attending Lectures in QUEEN'S COLLEGE, BELFAST, in each Session from its opening.

SESSIONS.	Matri- culated.	Non- Matri- culated.	Total.	Presby- terian.	Church of Ireland.	Roman Catho- lic.	Metho- dist.	Var- ious.	Total.
1849-50, . . . .	90	105	195	145	33	5	4	8	195
1850-51, . . . .	110	75	185	136	33	10	4	2	185
1851-52, . . . .	120	69	189	129	40	14	5	1	189
1852-53, . . . .	101	53	154	100	33	15	4	2	154
1853-54, . . . .	114	54	168	107	36	14	6	5	168
1854-55, . . . .	118	65	183	131	34	14	3	1	183
1855-56, . . . .	119	74	193	131	33	19	5	5	193
1856-57, . . . .	136	58	194	131	35	14	3	11	194
1857-58, . . . .	153	54	207	154	31	14	4	4	207
1858-59, . . . .	160	63	223	153	45	14	8	3	223
Average of first 10 years,	122.1	67	189.1	131.7	35.3	13.3	4.6	4.2	189.1
1859-60, . . . .	199	58	257	184	43	16	8	6	257
1860-61, . . . .	230	73	312	216	57	22	7	10	312
1861-62, . . . .	290	76	375	266	59	17	13	20	375
1862-63, . . . .	335	53	388	275	61	24	11	17	388
1863-64, . . . .	340	47	387	261	63	26	10	27	387
1864-65, . . . .	356	49	405	285	58	22	9	31	405
1865-66, . . . .	360	53	413	281	60	19	13	40	413
1866-67, . . . .	357	30	387	225	57	19	18	63	387
1867-68, . . . .	357	33	390	233	59	16	25	57	390
1868-69, . . . .	330	38	368	220	51	15	26	56	368
Average of second 10 years	317.2	51	368.2	244.6	56.3	19.6	14.0	33.2	368.2
1869-70, . . . .	328	25	353	214	57	18	19	45	353
1870-71, . . . .	337	43	380	226	76	14	22	42	380
1871-72, . . . .	325	33	358	203	80	17	12	46	358
1872-73, . . . .	328	23	351	203	79	15	21	33	351
1873-74, . . . .	344	31	375	201	87	17	26	44	375
1874-75, . . . .	346	47	393	223	85	11	24	50	393
1875-76, . . . .	338	40	393	232	70	17	29	53	393
1876-77, . . . .	393	44	437	270	86	13	29	39	437
1877-78, . . . .	421	42	463	283	89	20	27	44	463
1878-79, . . . .	453	47	500	320	89	20	33	38	500
Average of third 10 years,	362.8	37.5	400.3	236.5	79.8	16.2	24.2	43.6	400.3
1879-80, . . . .	456	38	494	331	81	22	26	34	494

TABLE III.

NUMBER of STUDENTS attending each Faculty in Session 1879-80.

Arts, . . . . .	139
Law, . . . . .	16
Medicine, . . . . .	327
Engineering, . . . . .	12

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TABLE IV.—NUMBER OF STUDENTS who came from each of the PROVINCES of IRELAND, and from other Places.

Ulster, - - - - -	445	California, - - - - -	1
Munster, - - - - -	7	Australia, - - - - -	1
Leinster, - - - - -	7	India, - - - - -	2
Connaught, - - - - -	5	Ceylon, - - - - -	1
England, - - - - -	10	West Indies, - - - - -	2
Scotland, - - - - -	5		
United States, - - - - -	6		
Canada, - - - - -	2		494

TABLE V.—AGES of STUDENTS in ATTENDANCE.

Under Seventeen years, - - - - -	24
From Seventeen to Eighteen, - - - - -	48
From Eighteen to Nineteen, - - - - -	64
From Nineteen to Twenty, - - - - -	84
From Twenty to Twenty-one, - - - - -	82
Above Twenty-one years, - - - - -	192
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TABLE VI.—NUMBER of LECTURES given by each Professor, and NUMBER of STUDENTS attending them, in Session 1879-80.

	Number of Lectures.	Number of Students.
Greek, - - - - -	268	74
Latin, - - - - -	285	83
English Language, - - - - -	27	45
English Literature, - - - - -	53	35
History, - - - - -	53	6
Modern Languages, - - - - -	351	173
Logic, - - - - -	84	48
Metaphysics, - - - - -	65	23
Political Economy, - - - - -	24	25
Mathematics, - - - - -	284	68
Natural Philosophy, - - - - -	220	121
Chemistry, - - - - -	124	104
Practical Chemistry, - - - - -	110	76
Geology and Mineralogy, - - - - -	41	7
Zoology, - - - - -	56	98
Botany, - - - - -	50	91
English Law, - - - - -	72	15
Jurisprudence and Civil Law, - - - - -	48	9
Anatomy and Physiology, - - - - -	135	231
Practical Anatomy, - - - - -	115	295
Medicine, - - - - -	82	91
Surgery, - - - - -	82	107
Midwifery, - - - - -	42	73
Materia Medica, - - - - -	78	84
Medical Jurisprudence, - - - - -	30	82
Engineering, - - - - -	211	15

TABLE VII.—DEGREES, DIPLOMAS, and HONORS obtained by STUDENTS of QUEEN'S COLLEGE, BELFAST, at the EXAMINATIONS of the QUEEN'S UNIVERSITY in IRELAND, in June and October, 1879.

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FACULTY OF ARTS.

DEGREE OF M.A.

Andrew Breaky Hamilton,	-	First Class in Ancient Classics.
George Jackson,	-	First Class in Biological Science.
Thomas Torrens Knowles,	-	First Class in Mathematical Science, and First Class in Experimental Science.
James Andrew Strahan,	-	First Class in English, History, and Political Economy.
William Lowry Berkeley,	-	Second Class in English, History, and Logic.
James Denning Foster,	-	Second Class in Experimental Science.
John Irwin,	-	Second Class in Logic, Metaphysics, and Political Economy.
William James M'Clintock,	-	Second Class in Mathematical Science.
Andrew Patton,	-	Second Class in Biological Science.
Robert Wallace,	-	Second Class in Logic, Metaphysics, and Political Economy.
George Bell,	-	Upper Pass Division.
William Richard Huggard, M.D.,	-	Upper Pass Division.

*Passed.*

Hamilton Moore.

| Robert Taylor Simpson.

DEGREE OF B.A.

James Chambers,	-	First Class in Experimental Science.
Robert Foster Dill,	-	First Class in Ancient Classics.
William B. Galway,	-	First Class in Modern Languages.
Alexander Larmor,	-	First Class in Experimental Science.
Turner Barrett Oliver,	-	First Class in Ancient Classics.
James Denham Osborne,	-	First Class in Logic, Metaphysics, and Political Economy.
Robert Taylor Bailey,	-	Second Class in English, History, and Political Economy.
George Bracken,	-	Second Class in Ancient Classics.
Stewart Emerson Cooney,	-	Second Class in Ancient Classics, and Second Class in English, Metaphysics, and Political Economy.
Samuel Wilson Currie,	-	Second Class in Logic, Metaphysics, and Political Economy.
Charles Albert Keightly,	-	Second Class in Biological Science.
Hugh Larmor,	-	Second Class in Experimental Science.
Samuel David M'Connell,	-	Second Class in Ancient Classics.
Parker Erskine Major,	-	Second Class in Experimental Science.
J. Dunwoody Martin,	-	Second Class in English, Metaphysics, and Political Economy.
Henry Montgomery,	-	Second Class in English, History, and Political Economy.
William Peile Steen,	-	Second Class in Ancient Classics.
William White,	-	Second Class in Mathematical Science.
William Samuel Carey,	-	Upper Pass Division.

Arthur Gayer Finlay,	-	-	Upper Pass Division.
Robinson Johnston,	-	-	Upper Pass Division.
Samuel Robert Keightly,	-	-	Upper Pass Division.
John Morrow,	-	-	Upper Pass Division.
Wilfred Wever Shaw,	-	-	Upper Pass Division.
Marcus Stevenson,	-	-	Upper Pass Division.
John Ellison Strahan,	-	-	Upper Pass Division.
William James Young,	-	-	Upper Pass Division.

*Passed.*

Alexander Coskerry.		George Logan Moore.
James Collins Martin.		Cunningham Mulholland.
Adam Millar.		John M. Simms.

FIRST UNIVERSITY EXAMINATION IN ARTS.

Robert Hugh Semple,	-	-	-	First Honor Class.
James Tate,	-	-	-	First Honor Class.
William Colwell,	-	-	-	Second Honor Class.
Alexander Cameron,	-	-	-	Second Honor Class.
James Edward Maxwell,	-	-	-	Second Honor Class.
John Ferguson Steele,	-	-	-	Second Honor Class.
Thomas Douglas,	-	-	-	Upper Pass Division.
John Frederick Gordon,	-	-	-	Upper Pass Division.
Alexander Gray,	-	-	-	Upper Pass Division.
William Parker Holmes,	-	-	-	Upper Pass Division.
Daniel Manderson,	-	-	-	Upper Pass Division.
John H. Montgomery,	-	-	-	Upper Pass Division.
Robert Scott,	-	-	-	Upper Pass Division.

*Passed.*

William Bryars.		Thomas Elliott Nelson.
Robert Erwin.		Alexander King Stevenson.
Joseph Alexander Hardy.		Francis O. M. Watters.
David Musgrave.		

SUPPLEMENTAL.—JANUARY, 1879.

John Black.		Henry Montgomery.
Ezekiel Chestnut.		Hugh H. Moore.
Samuel Ferguson.		Cunningham Mulholland.
Thomas Frizell.		Henry Mulholland.
William M'Cord.		Edward H. Mullan.
Simpson Millar.		William Orr.
Josias Mitchell.		Marcus Stevenson.

FACULTY OF LAW.

DEGREE OF LL.D.

Daniel Buick,	-	-	-	-	Speciali gratiâ.
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DEGREE OF LL.B.

Henry Alexander Mathers,	-	-	-	First Honor Class.
William Colvin,	-	-	-	Upper Pass Division.

*Passed.*

James Gardner Robb.		William Tait.
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## FACULTY OF MEDICINE.

## DEGREE OF M.D.

James Barron, B.A.,	-	-	-	-	First Honor Class.
Robert Mowbray,	-	-	-	-	Second Honor Class.
John Acheson,	-	-	-	-	Upper Pass Division.
G. H. Desmond Gimlette,	-	-	-	-	Upper Pass Division.
Samuel A. K. Strahan,	-	-	-	-	Upper Pass Division.
T. Kennedy Wheeler,	-	-	-	-	Upper Pass Division.

*Passed.*

William James Cawden.	William Smyth.
Samuel Dickey.	Alexander C. Suffern.
John Eadie.	John Vint.
Charles Magill.	John Watson.
Samuel M. Malcomson.	James Wilson.
Alexander Sharpe.	William Mussen Young.
John Simpson.	

## DEGREE OF MASTER IN SURGERY (M.CH.)

William MacCormac, M.A., M.D.,	-	-	Honoris causâ.
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John Acheson.	Charles Magill.
James Barron, B.A.	Samuel M. Malcomson.
William Henry Bracken, M.D.	Robert Mowbray.
Samuel Dickey.	Alexander Sharpe.
G. H. Desmond Gimlette.	Samuel A. K. Strahan.
Gilbert Kirker, M.D.	Alexander C. Suffern.

## DIPLOMA IN MIDWIFERY.

John Acheson.	Robert Mowbray.
James Barron, B.A.	John Simpson.
Robert Beattie, M.D.	John Smyth.
Henry Bingham, M.D.	William Smyth.
Samuel Dickey.	Samuel A. K. Strahan.
Gilbert Kirker, M.D.	Alexander C. Suffern.
Samuel M. Malcomson.	T. Kennedy Wheeler.

## SECOND UNIVERSITY EXAMINATION IN MEDICINE.

Thomas Sinclair,	-	-	-	-	First Honor Class.
Robert Anderson,	-	-	-	-	Upper Pass Division.
Henry Castles,	-	-	-	-	Upper Pass Division.
Warwick Long Child,	-	-	-	-	Upper Pass Division.
William H. Lendrum,	-	-	-	-	Upper Pass Division.
John Smythe Logan,	-	-	-	-	Upper Pass Division.
William Nelson,	-	-	-	-	Upper Pass Division.

*Passed.*

Alexander M. Adams.	William Alexander Dunn.
John Howard Battye.	Alexander J. Fleming.
Charles J. Blake.	David Forsyth.
Henry J. Boyd.	Archibald Frazer.
William Hamilton Caldwell.	Joseph Graham.
Joseph Chambers.	Samuel Hamilton.
John Martin C. Cole.	Archibald Harper.
John Sheill Collins.	Samuel W. Johnson.
Samuel Connor.	John Kennedy.
James Craig.	Samuel Macaulay.
William John Cregan.	Robert James M'Cormack.

James Charles M'Kee.  
 Mahab M'Murray.  
 John Robinson M'Neill.  
 Joseph M'Ninch.  
 William Nicholson M'Williams.  
 Edward Magennis.  
 Alexander Mallagh.  
 James Minniece.  
 Robert C. Moore.  
 William David Moore.  
 Lowry D. Morell.

James Pinkerton.  
 Archibald Clarke Robinson.  
 David Semple.  
 Robert Stewart.  
 John M. Trimble.  
 John Twinem.  
 William John Watt.  
 William Watters.  
 Charles Henry Wheeler.  
 George Shaw Young.

FIRST UNIVERSITY EXAMINATION IN MEDICINE.

Thomas G. Bell, - - - -	First Honor Class.
Warwick Long Child, - - - -	First Honor Class.
Thomas Cromie, - - - -	Second Honor Class.
Robert Wilson Henderson, - - - -	Second Honor Class.
Andrew Watson Kerr, - - - -	Second Honor Class.
Arthur Wellesley Cadman, - - - -	Upper Pass Division.
James Craig, - - - -	Upper Pass Division.
Charles R. Elliott, - - - -	Upper Pass Division.
David P. Gausson, - - - -	Upper Pass Division.
Thomas Lamont, - - - -	Upper Pass Division.
John Lane M'Carthy, - - - -	Upper Pass Division.
John M. M'Iroy, - - - -	Upper Pass Division.
Samuel J. Moore, - - - -	Upper Pass Division.
Leonard Robinson, - - - -	Upper Pass Division.
Samuel A. L. Swan, - - - -	Upper Pass Division.

*Passed.*

Robert Abraham.  
 John J. Austin.  
 John H. Battye.  
 William K. Boyd.  
 John S. Bryars.  
 Robert Henry Byers.  
 John Henry Carson.  
 T. C. D. J. Cathcart.  
 James Chambers.  
 Joseph Chambers.  
 H. Corry Cooke.  
 James Cooke.  
 Benjamin S. Cowan.  
 Joseph W. Duncan.  
 Charles Dundee.  
 Joseph Dunlop.  
 William Gibson.  
 Samuel Graham.  
 William Graham.  
 James Hamilton.  
 William Robert Hamilton.  
 Alfred W. Hawthorne.  
 Robert Henry.  
 David Huey.  
 Charles J. Johnston.  
 Robert Johnston.  
 William Langran.  
 James A. Lindsay, M.A.

James Macaulay, A.M.  
 Matthew M'Aulay.  
 Matthew M'Auley.  
 James M'Avoy.  
 James M'Caull.  
 George M'Clean.  
 William J. M'Farland.  
 Robert H. Matthews.  
 George Logan Moore.  
 Hugh S. Morrison.  
 Andrew Morton.  
 Joseph B. Neely.  
 James M. Orr.  
 Robert Alexander Robinson.  
 Alexander Y. Ross.  
 Archibald Roulston.  
 William J. Shannon.  
 John R. Shaw.  
 John W. Speer.  
 Edward Ashley Spiller.  
 John Stewart (in special subjects).  
 Robert Trimble.  
 John Twinem.  
 Robert S. Wadsworth.  
 Daniel White.  
 James Wilson.  
 Samuel Wilson.

## SCHOOL OF CIVIL ENGINEERING.

## DEGREE OF BACHELOR OF ENGINEERING (B.E.)

Henry Riddell,	-	-	-	-	-	First Honor Class.
John James Octavius Ramsay,	-	-	-	-	-	Second Honor Class.

*Passed.*

Joseph Gracey.		Richard Henry Smithwick.
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## FIRST UNIVERSITY EXAMINATION IN ENGINEERING.

Nathaniel F. Napier,	-	-	-	-	First Honor Class.
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## SUPPLEMENTAL.—JANUARY, 1879.

Joseph Gracey.

## UNIVERSITY PRIZES.

PEEL EXHIBITIONS AWARDED AT THE FIRST UNIVERSITY EXAMINATION  
IN MEDICINE.

Thomas G. Bell,	-	-	-	-	First.
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PEEL EXHIBITIONS AWARDED AT THE FIRST UNIVERSITY EXAMINATION  
IN ARTS.

James Tate,	-	-	-	First from Queen's College, Belfast.
Robert Hugh Semple,	-	-	-	Second from Queen's College, Belfast.

[TABLE VIII.]



TABLE VIII.—ACCOUNT OF THE RECEIPTS AND EXPENDITURE OF THE COLLEGE IN THE YEAR ENDED 31st MARCH, 1880.

RECEIPTS.		£	s.	d.
Balance on 1st April, 1879, viz. :—				
General Account, . . . . .	£949	9	9	
Endowment Accounts, . . . . .	264	14	2	
Library Deposits, . . . . .	123	0	0	
				1,337 3 11
Grant charged on Consolidated Fund (net amount received), . . . . .				6,898 14 10
Annual Grants of Parliament, viz. :—				
In Aid of Expenses of Maintenance, . . . . .				1,600 0 0
In Aid of Augmentation of Professors' Salaries, . . . . .				219 15 7
Professors' Class Fees, . . . . .				3,943 5 0
College Fees, &c., viz. :—				
127 at 10s., . . . . .	£63	10	0	
374 at 5s., . . . . .	93	10	0	
Calendars sold, &c., . . . . .	9	18	7	
				166 18 7
Endowments, . . . . .				280 11 11
Library Deposits, . . . . .				93 0 0
				£14,539 9 10
PAYMENTS.		£	s.	d.
Salaries, &c., paid out of Permanent Grant :—				
President, Professors, and Officers, . . . . .	£4,927	7	9	
Scholarships and Prizes, . . . . .	1,476	13	9	
Minor Officers and Servants, . . . . .	384	14	11	
				6,788 16 5
Salaries of Professors paid out of Special Grant, . . . . .				311 6 4
Library—(£557 16s. 3d.) :—				
Ancient and Modern Languages, . . . . .	£103	0	8	
Mathematical and Physical Sciences, . . . . .	83	16	0	
Natural Sciences, . . . . .	55	0	1	
Medical Sciences, . . . . .	99	8	9	
Engineering, . . . . .	7	3	11	
Mental and Legal Sciences, . . . . .	67	9	6	
General Library, . . . . .	102	7	4	
Binding, . . . . .	49	10	0	
Laboratories—(£252 1s. 6d.) :—				
Chemical Laboratory, . . . . .	89	6	9	
Physical Cabinet, . . . . .	63	16	6	
Engineering, . . . . .	—			
Medical Faculty, . . . . .	89	17	9	
Museums, . . . . .	131	3	8	
Printing, Stationery, and Advertising, . . . . .	118	6	9	
Heating and Lighting, . . . . .	147	6	4	
Botanic Garden and College Grounds, . . . . .	175	13	5	
Miscellaneous—(£381 10s. 7d.) :—				
Porters' Clothing, . . . . .	37	7	6	
Water Supply, . . . . .	26	2	6	
Incidental Expenses, &c., &c., . . . . .	318	0	7	
				1,763 18 0
Professors' Class Fees, . . . . .				3,932 2 0
Endowments, . . . . .				305 7 1
Library Deposits, . . . . .				88 0 0
Balance on 31st March, 1880, viz. :—				
General Account, . . . . .	982	1	0	
Endowment Accounts, . . . . .	239	19	0	
Library Deposits, . . . . .	128	0	0	
				1,350 0 0
				£14,539 9 10

JOHN WYLIE, Bursar.

B

TABLE IX.—BENEFACTORS of the QUEEN'S COLLEGE, BELFAST, since its Foundation in 1845.

Anno.

1851. The Governors of the Armagh Observatory, with the sanction of Her Majesty, transferred to the Queen's College, the Transit Instrument and Astronomical Clock, which were formerly in the Observatory at Kew.

The Lords of the Admiralty, on the recommendation of the Astronomer Royal of England, acceded to an application from Professor Wilson for transferring to the College a Mural Circle by Jones, which had been in use at the Cape of Good Hope.

For the reception of these instruments an Observatory was erected on the College grounds, the expense having been defrayed by subscription.

1868. The sum of Four Thousand Pounds was bequeathed by Robert Sullivan, Esq., LL.D., Barrister-at-Law, for the endowment of Three Scholarships in the Queen's College, Belfast, to be called the Sullivan Scholarships, two of them to be restricted to candidates who shall have acted as Teachers or Assistant Teachers in Irish National Schools for at least two years, and one of them to candidates who shall have been educated in the Royal Academical Institution, Belfast, for at least three years.

These Scholarships are tenable for three years.

1871. Bequeathed by John Porter, Esq., the sum of Three Thousand One Hundred and Ten Pounds Eight Shillings and Four Pence for the endowment of Two Scholarships in Queen's College, Belfast, to be called "The Porter Scholarships." These scholarships are each of the annual value of Fifty Pounds, and are tenable for two years. They are open to undergraduates of not less than two years standing.

1873. A deed was executed by William Dunville, Esq., establishing the "Sorella Trust."

This deed, which also provides funds for other educational purposes not connected with the College, endows two Studentships in Queen's College, Belfast, to be called "The Dunville Studentships." These studentships are open to any person who is recognised by the Council or other Governing body of Queen's College, Belfast, as a student of three or more years standing in any Faculty, provided that the last of the three or more years which give such standing, has been spent in Queen's College, Belfast, and has been the year preceding, or the year but one preceding the examination.

They are given, one, for the encouragement of the study of Mathematical and Physical Science, the other, for the encouragement of the study of Natural Science, in alternate years. Each person obtaining a Studentship receives £45 for the first year, and £100 for the second year.

1873. Given by the Widow and Children of the late John Robinson M'Clean, Esq., Civil Engineer, London, through the hands of the Rev. P. S. Henry, D.D., the late President, the sum of Five Hundred Pounds, to be expended in the purchase of Scientific works for the Library of Queen's College, Belfast.

1876. Given by the Reverend Arthur Hercules Pakenham, for the endowment of two Scholarships in Queen's College, Belfast, one to be called the "Sir Hercules Pakenham Scholarship," and the other the "Emily Lady Pakenham Scholarship," the sum of One Thousand Pounds, invested in five bonds of £100 each of the Moscow Jaroslaw Railway Company, and five bonds of £100 each of the Charkoff Azov Railway Company.

These Scholarships are given in alternate years, are each tenable for two years, and are open to all students, matriculated or non-matriculated, on their entrance into the College.

1880. The subscribers to a testimonial given to Dr. MacDonall on his retirement from the Professorship of Greek, presented to the College, in addition to a portrait of Dr. MacDonall to be placed in the Examination Hall, a collection of Classical and Oriental Works of the value of £275, selected from the library of Dr. MacDonall, to form the nucleus of a department of the Library to be called "The MacDonall Library."

TABLE X.—LIST of the PRESIDENT, PROFESSORS, and OFFICERS of the COLLEGE, showing their length of Service, their Salaries, and their Emoluments from Class Fees or as Statutable University Examiners.

	Appointed.	Salary.	Class Fees for year ended 31st March, 1880.	Fees as Examiners in the Queen's University.	Total.	
PRESIDENT.						
Reverend Josias Leslie Porter, M.A., D.D., LL.D., . . . . .	21 October, 1879, .	800 0 0	—	—	800 0 0	
PROFESSORS.						
Greek, . . . . .	Hastings Crossley, M.A., . . . . .	26 November, 1878, .	312 0 0	120 0 0	18 0 0	459 0 0
Latin, . . . . .	William Nesbitt, M.A., . . . . .	27 October, 1864, .	312 0 0	144 0 0	18 0 0	474 0 0
Mathematics, . . . . .	John Purser, M.A., M.B.L.A., . . . . .	8 July, 1863, .	312 0 0	115 0 0	18 0 0	445 0 0
Natural Philosophy, . . . . .	Joseph David Everett, M.A., D.C.L., F.R.S., . . . . .	5 November, 1867, .	312 0 0	235 0 0	18 0 0	565 0 0
History and English Literature, . . . . .	Charles Duke Yonge, M.A., . . . . .	4 October, 1866, .	312 0 0	111 0 0	18 0 0	441 0 0
Logic and Metaphysics, . . . . .	John Park, M.A., . . . . .	1 October, 1868, .	312 0 0	95 10 0	18 0 0	425 10 0
Chemistry, . . . . .	Edmund Albert Lettis, PH.D., F.R.S.E., F.C.S., . . . . .	4 December, 1879, .	282 0 0	161 16 8	18 0 0	461 16 8
Natural History, . . . . .	Robert O. Cunningham, M.D., F.L.S., . . . . .	5 April, 1871, .	282 0 0	210 0 0	18 0 0	510 0 0
Modern Languages, . . . . .	Alfred L. Meissner, PH.D., . . . . .	6 October, 1865, .	202 0 0	326 0 0	18 0 0	546 0 0
Jurisprudence and Political Economy, . . . . .	T. E. Cliffe Leslie, LL.D., . . . . .	17 October, 1863, .	150 0 0	64 0 0	—	214 0 0
English Law, . . . . .	John M'Kane, M.A., . . . . .	9 December, 1875, .	150 0 0	28 0 0	—	178 0 0
Anatomy and Physiology, . . . . .	Peter Redfern, M.D., F.R.C.S., . . . . .	15 May, 1860, .	202 0 0	1,262 2 0	18 0 0	1,482 2 0
Medicine, . . . . .	James Cuning, M.A., M.D., F.R.C.S., . . . . .	26 August, 1865, .	120 0 0	158 0 0	—	278 0 0
Surgery, . . . . .	Alexander Gordon, M.D., . . . . .	4 August, 1849, .	120 0 0	211 0 0	—	331 0 0
Materia Medica, . . . . .	James Scaton Reid, M.D., . . . . .	19 August, 1857, .	120 0 0	165 0 0	—	285 0 0
Midwifery, . . . . .	Robert F. Dill, M.D., . . . . .	1 February, 1868, .	120 0 0	118 0 0	—	238 0 0
Civil Engineering, . . . . .	George Fuller, C.E., . . . . .	1 September, 1873, .	280 0 0	31 0 0	20 0 0	331 0 0
Agriculture, . . . . .	John F. Hodges, M.D., F.C.S., . . . . .	4 August, 1849, .	150 0 0	129 3 4	—	279 3 4
OFFICERS.						
Registrar, . . . . .	John Purser, M.A., M.B.L.A., . . . . .	8 January, 1878, .	75 0 0	—	—	75 0 0
Bursar, . . . . .	John Wylie, . . . . .	5 September, 1872, .	150 0 0	—	—	150 0 0
Librarian, . . . . .	Rev. George Hill, . . . . .	10 October, 1850, .	150 0 0	—	—	150 0 0

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For Her Majesty's Stationery Office.