

THE REPORT
OF THE
PRESIDENT
OF
QUEEN'S COLLEGE, CORK.
FOR
THE ACADEMIC SESSION 1888-9 ;
WITH APPENDICES.

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



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1889.

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THE REPORT

OF THE

PRESIDENT OF QUEEN'S COLLEGE, CORK,

FOR

THE ACADEMIC SESSION 1888-89.

TO THE QUEEN'S MOST EXCELLENT MAJESTY.

MAY IT PLEASE YOUR MAJESTY—

I have the honour of submitting to Your Majesty the following Report on Queen's College, Cork, for the Academic Session 1888-89, in compliance with a provision of the Act of Parliament founding the Queen's Colleges in Ireland (8 and 9 Vic., c. 6, s. 20), and in accordance with the College Statutes.

At the Entrance Examination in October and the supplementary examination, 26 candidates presented themselves, of these 17 passed, and 9 were rejected; 33 students were admitted on the matriculation examination of the Royal University, and 19 from other Universities and Colleges, making in all 69 new matriculated students; 7 also entered as non-matriculated students, so that the total number of new students was 76. The total number of students on the books of the College for the session was 229, of whom 218 were matriculated, and 11 non-matriculated.

In the Appendix (A., pp. 9 to 13) I have given the usual detailed statistical information about the College, to which I refer for all further numerical details.

I regret to announce the death in the early part of the Session of Dr. O'Connor, who since the opening of the College occupied the chair of Medicine with honour to himself and advantage to the students. Dr. E. R. Townsend, who for the two previous sessions acted as occasional *locum tenens* for Professor O'Connor, undertook the same duty for the Session 1888-89, and on the

death of Dr. O'Connor was selected by the Council to continue the lectures, and was then appointed by Your Majesty as Dr. O'Connor's successor. This appointment renews the connection between the College and the South Infirmary which formerly subsisted, and which will contribute to the development of clinical instruction in our School of Medicine.

DISCIPLINE.

Discipline has been very well maintained during the Session, there having been no case requiring the intervention of the Council.

LIBRARY, MUSEUMS, LABORATORIES.

Library.—The arrears of binding, by the accumulation of long sets of journals, which could not be provided for out of the small sum set apart for this purpose in the annual vote, were cleared off by the allocation of a sum of money from the unappropriated balance, so that the Library has in that respect been put in a very fair condition. The difficulty, however, of providing for the increase in the number of volumes still remains, and must be met sooner or later by the erection of a new Library.

MUSEUMS.

Natural History Museum.—The Board of Works have provided in this year's estimates for the completion of the cases in the Natural History Museum, for which there were not hitherto sufficient funds.

Pathological Museum.—Many additions have been made to the Pathological Museum, which under the care of Dr. Cotter, is rapidly progressing.

Laboratories.—*Chemical Laboratory.*—One of the Secretaries of the Royal University of Ireland, having been deputed to report to the Vice-Chancellor on Medical Institutions in Cork, has called attention to the utter inadequacy of the present Chemical Laboratory to the requirements of the Professor, who has been compelled to divide his class, thereby causing considerable inconvenience to himself and to his Students. This bears out what I have stated in previous reports.

Physical and Engineering Workshops.—The work projected in this department in my last report has been in great measure carried out.

Biological and Physiological Laboratories.—These laboratories, although constructed at a comparatively recent date, were intended for far smaller classes than now attend them. As practical work in these subjects is obligatory in the curriculum of the Royal University, the Professors are put to great inconvenience by the limited room. I have this year asked to have provision made for increased accommodation in both laboratories, but I regret to say that nothing has been done in the matter.

BOTANIC GARDEN AND PLANT HOUSE.

The Botanic Garden and Plant House are in excellent condition. I have on several occasions called attention to four great wants in the Plant House, viz., the construction of a succulent compartment, the heating of the house for oranges, acacias, and similar plants; the building of a gallery in the Palm House, and the erection of a small Propagating House. I regret that only one of these, the building of the gallery, has been provided for this year.

THE MEDICAL SCHOOL.

I trust that some steps will be taken this year to enlarge the Teaching Staff of the Medical School in accordance with the present requirements of medical education.

I beg to subscribe myself

Your Majesty's most dutiful servant,

WILLIAM K. SULLIVAN, *President.*

QUEEN'S COLLEGE, CORK,

June, 1889.

APPENDIX.

A.—STATISTICAL TABLES.

I.—TABLE SHOWING THE NUMBER OF STUDENTS WHO ENTERED THE COLLEGE IN THE SESSION 1888-89, CLASSIFIED ACCORDING TO FACULTIES, AND DISTINGUISHING MATRICULATED FROM NON-MATRICULATED STUDENTS. *Appendix.*
Statistical
Tables.

	Matriculated Students.	Non-Matriculated Students.	Total.
Faculty of Arts,	16	3	19
„ Law,	3	—	3
„ Medicine,	45	3	48
School of Engineering,	5	1	6
Total,	69	7	76
Deduct entering in two Faculties,	—	—	—
Net Total,	69	7	76

Of those who matriculated, 1 in Law and 1 in Medicine have not yet commenced attendance on Lectures, and 1 had been a Non-matriculated Student in former years.

II.—TABLE SHOWING THE NUMBER OF MATRICULATED AND NON-MATRICULATED STUDENTS ON THE COLLEGE BOOKS FOR THE SESSION 1888-89, CLASSIFIED ACCORDING TO FACULTIES :—

	Matriculated Students.	Non-Matriculated Students.	Total
Faculty of Arts,	38	3	41
„ Law,	7	1	8
„ Medicine,	166	6	172
School of Engineering,	15	1	16
Gross Total,	226	11	237
Deduct number of Students attending } Lectures in two Faculties, }	8	—	8
True Total,	218	11	229

III.—TABLE SHOWING THE NUMBER OF MATRICULATED AND NON-MATRICULATED STUDENTS ON THE COLLEGE BOOKS FOR THE SESSION 1888-89, CLASSIFIED ACCORDING TO ACADEMIC STANDING :—

Number of Students of the	Matriculated Students.	Non-Matriculated Students.	Total.
First Year,	72	9	81
Second „,	63	1	64
Third „,	47	—	47
Fourth „,	43	1	44
Gross Total,	225	11	236
Deduct number of Students attending } Lectures of different years, . . . }	7	—	7
True Total,	218	11	229

Appendix A. IV.—TABLE SHOWING THE ACADEMIC STANDING ACCORDING TO FACULTIES OF THE MATRICULATED STUDENTS ON THE COLLEGE BOOKS IN THE SESSION 1888-89.

	First Year.	Second Year.	Third Year.	Fourth Year.	Total.
Faculty of Arts, . . .	12	14	6	6	38
„ Law, . . .	2	3	1	1	6
„ Medicine, . . .	50	44	36	36	166
School of Engineering, . .	8	3	4	—	15
Gross Total, . . .	72	64	47	43	225
Deduct Number attending Lectures in two Facul- ties, . . . }		1	—	—	7
True Total, . . .	72	63	47	43	218

V.—TABLE GIVING THE PER-CENTAGE OF STUDENTS FROM THE PROVINCE OF MUNSTER AND FROM OTHER PLACES; THE PER-CENTAGE OF MUNSTER STUDENTS FROM THE COUNTY AND CITY OF CORK; AND THE PER-CENTAGE OF ALL THE STUDENTS FROM THE COUNTY AND CITY OF CORK.

Session.	Per-centage of Students from		Per-centage of Munster Students from		Per-centage of all Students from the County and City of Cork.
	Province of Munster.	Other Localities.	County and City of Cork.	Other Counties of Munster.	
1874-75, . . .	93·8	6·2	76·5	23·5	71·7
1875-76, . . .	85·8	14·2	75·2	24·8	64·5
1876-77, . . .	90·6	9·4	78·3	21·7	70·9
1877-78, . . .	86·8	13·2	72·2	27·8	62·6
1878-79, . . .	90·2	9·8	73·3	26·7	66·1
1879-80, . . .	90·7	9·3	77·2	22·8	70·0
1880-81, . . .	92·6	7·4	76·5	23·5	70·8
1881-82, . . .	93·0	7·0	75·7	24·3	70·4
1882-83, . . .	93·7	6·3	75·7	24·3	70·9
1883-84, . . .	93·6	6·4	77·7	22·3	72·7
1884-85, . . .	90·8	9·2	79·4	20·6	72·1
1885-86, . . .	91·5	8·5	82·5	17·5	75·5
1886-87, . . .	90·3	9·7	82·3	17·7	74·3
1887-88, . . .	89·9	10·1	82·9	17·1	74·5
1888-89, . . .	87·3	12·7	84·0	16·0	73·3

VI.—AGES OF THE STUDENTS WHO ENTERED IN THE SESSION OF 1888-89; AND OF ALL STUDENTS ON THE BOOKS OF THE COLLEGE.

Age.	Number of New Students.	Per-centage.	Number of Students on the College Books.	Per-centage.
Under 16, . . .	1	1·3	1	0·4
16 to 17, . . .	2	2·6	2	0·9
17 to 18, . . .	10	13·2	13	5·7
18 to 19, . . .	21	27·6	27	11·8
19 to 20, . . .	9	11·9	31	13·6
20 to 21, . . .	13	17·1	37	16·1
Over 21, . . .	20	26·3	118	51·5
Total, . . .	76		229	

VII.—TABLE SHOWING THE RELIGIOUS DENOMINATION OF THE MATRICULATED AND NON-MATRICULATED STUDENTS WHO ENTERED THE COLLEGE IN THE SESSION 1888-89.

Religious Denomination.	Number of Students.		
	Matriculated.	Non-Matriculated.	Total.
Roman Catholics, . . .	42	6	48
Church of Ireland and England, . . }	19	1	20
Presbyterians, . . .	5	—	5
Wesleyans, . . .	2	—	2
Other Denominations, . .	1	—	1
Total, . . .	69	7	76

VIII.—TABLE SHOWING THE RELIGIOUS DENOMINATION OF ALL THE STUDENTS ON THE COLLEGE BOOKS, CLASSIFIED ACCORDING TO ACADEMIC STANDING. Appendix A.
Statistical
Tables.

Religious Denomination.	Academic Standing of Matriculated Students.				Non-Matriculated Students.	Gross Total.	Net Total.
	First Year.	Second Year.	Third Year.	Fourth Year.			
Roman Catholics,	44	42	25	21	10	142	139
Church of Ireland and of England,	18	14	16	18	1	67	65
Presbyterians,	8	4	1	3	—	16	14
Wesleyans,	1	3	4	—	—	8	8
Other Denominations,	1	—	1	1	—	3	3
Total, .	72	63	47	43	11	236	229

IX.—TABLE SHOWING THE RELIGIOUS DENOMINATION OF ALL THE STUDENTS ON THE COLLEGE BOOKS, CLASSIFIED ACCORDING TO FACULTIES.

Faculty.	Roman Catholics.			Church of Ireland.			Presbyterians.			Wesleyans.			Others	Total
	Matr.	Non-Matr.	Total.	Matr.	Non-Matr.	Total.	Matr.	Non-Matr.	Total.	Matr.	Non-Matr.	Total.	Total.	
Arts,	18	3	21	7	—	7	9	—	9	3	—	3	1	41
Law,	5	1	6	2	—	2	—	—	—	—	—	—	—	8
Medicine,	105	5	110	52	1	53	5	—	5	3	—	3	1	172
School of Engineering, .	5	1	6	5	—	5	2	—	2	2	—	2	1	16
Gross Total,	—	—	143	—	—	67	—	—	16	—	—	8	3	237
Deduct No. attending Lectures in two Faculties,	—	—	4	—	—	2	—	—	2	—	—	—	—	8
True Total,	—	—	139	—	—	65	—	—	14	—	—	8	3	229

X.—TABLE SHOWING THE RELIGIOUS DENOMINATION OF THE SCHOLARS AND EXHIBITIONERS IN EACH FACULTY.

Faculty.	Catholics.		Church of Ireland.		Presbyterians.		Wesleyans.		Other Denominations.		Total.	
	Scholars.	Exhibitioners.	Scholars.	Exhibitioners.	Scholars.	Exhibitioners.	Scholars.	Exhibitioners.	Scholars.	Exhibitioners.	Scholars.	Exhibitioners.
Arts,	12	2	4	—	7	1	1	—	—	—	24	3
Law,	3	—	1	1	—	—	—	—	—	—	4	1
Medicine,	6	8	—	5	1	1	—	—	—	—	7	14
School of Engineering, .	—	—	1	—	—	—	—	—	1	—	2	—
Gross Total,	21	10	6	6	8	2	1	—	1	—	37	18
Deduct of Scholarships and Exhibitioners held by one Student,	—	1	—	1	—	—	—	—	—	—	—	2
True Total,	21	9	6	5	8	2	1	—	1	—	37	16

Appendix A. XI.—TABLE SHOWING THE NUMBER OF MATRICULATED AND NON-MATRICULATED STUDENTS; THE NUMBER BELONGING TO EACH RELIGIOUS DENOMINATION; AND THE TOTAL NUMBER OF STUDENTS IN EACH SESSION FROM THE OPENING OF THE COLLEGE.

Statistical
Tables.

ACADEMIC SESSION.	Matri- culated Stu- dents.	Non- Matri- culated Stu- dents.	Total No. of Stu- dents.	Roman Catho- lics.	Estab- lished Church or Church of Ire- land.	Presby- terians.	Wes- loyans.	Other Deno- mina- tions.	Total No. of Stu- dents.
1849-50, . .	70	45	115	62	43	2	7	1	115
1850-51, . .	118	38	156	86	55	3	10	2	156
1851-52, . .	117	32	149	81	57	2	7	2	149
1852-53, . .	109	21	130	68	46	3	7	6	130
1853-54, . .	115	25	140	80	46	2	10	2	140
1854-55, . .	122	22	144	73	60	2	8	1	144
1855-56, . .	149	13	162	83	67	3	6	3	162
1856-57, . .	139	25	164	72	70	6	11	5	164
1857-58, . .	125	32	157	71	69	6	7	4	157
1858-59, . .	125	24	149	69	64	4	6	6	149
1859-60, . .	144	27	171	85	68	5	8	5	171
1860-61, . .	173	30	203	98	93	2	8	2	203
1861-62, . .	211	18	229	98	111	7	7	6	229
1862-63, . .	219	20	239	96	121	8	11	3	239
1863-64, . .	241	19	260	121	106	12	12	9	260
1864-65, . .	249	14	263	129	114	6	12	2	263
1865-66, . .	223	12	235	108	107	4	9	7	235
1866-67, . .	214	16	230	108	106	6	7	3	230
1867-68, . .	235	12	247	111	118	7	8	3	247
1868-69, . .	216	28	244	97	125	12	7	3	244
1869-70, . .	228	24	252	94	134	8	16		252
1870-71, . .	225	25	250	86	142	12	10		250
1871-72, . .	230	23	253	104	131	10	8		253
1872-73, . .	232	20	252	107	130	8	7		252
1873-74, . .	228	22	250	123	116	9	2		250
1874-75, . .	227	23	250	129	96	8	17		250
1875-76, . .	226	24	250	131	101	7	11		250
1876-77, . .	208	24	232	113	100	6	12	1	232
1877-78, . .	238	19	257	130	105	11	10	1	257
1878-79, . .	254	26	280	146	102	18	11	3	280
1879-80, . .	271	29	300	152	108	22	12	6	300
1880-81, . .	308	19	327	179	114	15	12	7	327
1881-82, . .	374	28	402	221	145	16	11	9	402
1882-83, . .	325	23	348	213	110	12	10	3	348
1883-84, . .	278	20	298	174	106	10	4	4	298
1884-85, . .	254	18	272	155	90	13	11	3	272
1885-86, . .	235	14	249	138	90	10	9	2	249
1886-87, . .	232	6	238	143	68	15	10	2	238
1887-88, . .	234	13	247	146	71	16	9	5	247
1888-89, . .	218	11	229	139	65	13	8	3	229

XII.—TABLE SHOWING THE NUMBER OF SCHOLARSHIPS IN EACH FACULTY, THE NUMBER AWARDED, AND THE NUMBER OF EXHIBITIONS AWARDED.

Faculty.	Total No. of Scholarships.	No. of Scholarships awarded.	No. of Exhibitions awarded.	Number of Scholarships in each Faculty, &c.
Arts—				
Junior Scholarships open to Students at Entrance,	10	6	—	
Junior Scholarships open to Students of One Year's standing,	10	9	2	
Junior Scholarships held by Students of Two Years' standing,	10	4	—	
Senior Scholarships,	7	5	1	
Law—				
Junior Scholarships,	3	3	1	
Senior "	1	1	—	
Medicine,	8	7	14	
School of Engineering,	5	2	—	
Total,	54	37	18	

No. XIII.—TABLE CONTAINING THE NAMES OF THE SEVERAL SUBJECTS LECTURED UPON DURING THE SESSION 1888-89, THE NUMBER OF LECTURES GIVEN ON EACH SUBJECT, AND THE TOTAL NUMBER OF STUDENTS ATTENDING THE CLASSES IN EACH SUBJECT.

	No. of Lectures in each Subject.	Total No. of Students attending the Classes in each subject.
Greek,	374	14
Latin,	247	15
English Language and Literature and History,	227	16
French,	327	21
German and Italian,	138	5
Logic,	108	14
Metaphysics,	65	1
Political Economy,	54	1
Mathematics,	235	24
Natural Philosophy,	254	46
Chemistry, Theoretical,	77	68
„ Practical,	80	64
Geology and Mineralogy,	41	3
*Zoology and Botany,	108	22
English Law,	68	7
Jurisprudence and Civil Law,	85	7
Anatomy and Physiology,	107	52
„ Practical,	163	108
†Practical Physiology and Histology,	36	30
Medicine,	60	36
Surgery,	60	41
Operative Surgery,	35	20
Midwifery,	60	26
Materia Medica,	63	39
Medical Jurisprudence,	32	28
Engineering,	800	15

* There was a separate class in Practical Zoology and Botany.
† Each lecture lasted about two hours.

Appendix B. B.—NAMES OF VISITORS, CORPORATE BODY, COUNCIL
OFFICERS, SCHOLARS, &c.

Names of
Visitors.

No. XIV.

VISITORS.

THE RIGHT HONOURABLE THE CHIEF SECRETARY FOR IRELAND.

THE RIGHT HONOURABLE LORD FITZGERALD.

THE MODERATOR OF THE GENERAL ASSEMBLY OF THE PRESBYTERIAN
CHURCH IN IRELAND.

THE PRESIDENT OF THE KING'S AND QUEEN'S COLLEGE OF PHYSICIANS.

THE PRESIDENT OF THE ROYAL COLLEGE OF SURGEONS.

THE CORPORATE BODY.

President—WILLIAM K. SULLIVAN, PH.D., D.SC., M.R.I.A.

Corporate
Body,
College
Council,
&c.

Professors.

The Greek Language,	{ WILLIAM RIDGEWAY, M.A., Fellow of Gonville and Caius College, Cantab., Memb. Council Philolog. Soc.
The Latin Language,	BUNNELL LEWIS, M.A., F.S.A.
Mathematics,	A. H. ANGLIN, M.A., LL.D., F.R.S.E
Natural Philosophy,	JOHN ENGLAND, M.A., EX. R.U.I.
History and English Literature, . .	GEORGE F. ARMSTRONG, M.A., F.R.U.I.
Logic and Metaphysics,	GEORGE J. STOKES, M.A.
Chemistry,	MAXWELL SIMPSON, LL.D., D.SC., M.D., F.R.S., F.R.U.I.
Natural History,	MARCUS M. HARTOG, M.A., D.SC., F.R.U.I.
Modern Languages,	OWEN O'RYAN, D.LIT., F.R.U.I.
Jurisprudence & Political Economy, .	RICHARD HORNER MILLS, M.A., LL.D.
English Law,	RALPH BRERETON BARRY, B.A.
Anatomy and Physiology,	J. J. CHARLES, M.A., D.SC., M.D., M.CH., MED. F.R.U.I.
Medicine,	EDWARD R. TOWNSEND, B.A., M.D.
Surgery,	{ STEPHEN O'SULLIVAN, M.D., M.CH., F.R.C.S.I.
Materia Medica,	C. YELVERTON PEARSON, M.D., M.CH.
Midwifery,	HENRY CORBY, B.A., M.D.
Engineering,	ALEXANDER JACK, M.A., D.SC., EX. R.U.I.

The College Council.

The PRESIDENT.

Professor O'RYAN.	Professor JACK.	Professor STOKES.
„ CORBY.	„ RIDGEWAY.	„ PEARSON.

Officers.

Registrar,	ALEXANDER JACK, M.A., D.SC.
Bursar,	Lt.-Col. WM. R. JENNEY (retired).
Librarian,	OWEN O'RYAN, D.LIT.

Lecturers.

Medical Jurisprudence,	C. YELVERTON PEARSON, M.D., M.CH.
Psychological Medicine,	—
Sanitary Science,	—
Assistant to Professor of Chemistry,	JOHN D. LOCKHART, B.A.
Curator of Medical Museums and Instruments,	JEREMIAH COTTER, M.D.
Demonstrators of Anatomy,	{ JEREMIAH COTTER, M.D. JOSEPH V. RYAN, M.B.

Steward and Superintendent of Botanic Garden, . . . JOHN SULLIVAN.

No. XV.—SCHOLARS AND EXHIBITIONERS FOR THE SESSION
1888-89.

Appendix B.
Names of
Scholars
and Exhi-
bitioners.

FACULTY OF ARTS.

Senior Scholars.

LANGUAGE, LITERATURE, AND HISTORY OF ANCIENT GREECE AND ROME.	} Albert E. Crawford, B.A.
MODERN LANGUAGES, LITERATURE, AND HISTORY.	} William H. Welply, B.A.
MENTAL AND SOCIAL SCIENCE,	John Smiley, B.A.
MATHEMATICS AND MATHEMATICAL PHYSICS.	} James A. Workman, B.A.
CHEMISTRY AND EXPERIMENTAL PHYSICS,	Jeremiah Ambrose.

Exhibitioner—Michael John Byrnes.

Junior Scholars.

Third Year.

IN LITERATURE.	IN SCIENCE.
H. M'Manus Whitton.	William Augustine Rountree.
	William M'Math.
	Thomas A. England.

Second Year.

IN LITERATURE.	IN SCIENCE (<i>Mathematics</i>).
<i>Group A.</i> —Arthur Ernest Connor	Harry P. Maynard.
Edward O'Shaughnessy.	Samuel M'Cay.
George Ryce.	Edward Fitzgerald.
<i>Exhibitioner</i> —Matthias Lavelle.	
<i>Group B.</i> —Daniel J. O'Connor.	(<i>Experimental Physics</i> .)
Barbara C. Denroche.	Felix M'Swiney.

First Year.

IN LITERATURE.	IN SCIENCE.
<i>Group A.</i> —William Robinson.	Joseph Stephen Cussen.
James A. Clarke.	William Robinson.
<i>Group B.</i> —Joseph Stephen Cussen.	Timothy O'Meara.
Timothy O'Meara.	James A. Clarke.

DEPARTMENT OF ENGINEERING.

Third Year.

Robert C. Sikes.

First Year.

James M. Marmaduke Parker.

FACULTY OF LAW.

Senior Scholar.

William J. Dunlea, B.A., LL.D.

Junior Scholars.

Third Year.

Henry Arthur Wynne.

Second Year.

Barry C. Galvin. | *Exhibitioner*, James H. Skuce.

First Year.

George P. Cussen.

Appendix B.

FACULTY OF MEDICINE.

Fourth Year.

IN ANATOMY, PHYSIOLOGY, AND SURGERY, . . . John Hennessy.

Third Year.

James B. Moore. | Michael Twomey.

Ernest V. Eames. | Exhibitors:—
| Martin John D'Arcy.

Second Year.

Daniel J. Collins. | Patrick Thomas Sullivan.

Patrick J. O'Brien. | Exhibitors:—
| Michael Boyle.

First Year.

IN LITERATURE.

Edmund J. Kelleher.

Exhibitors:—

Edmund J. O'Farrell.

Cornelius M'Carthy.

Patrick Bartholomew Fallon.

John Reid.

IN SCIENCE.

William J. Shannon.

Thomas T. M'Kendry.

John Alexander Burns.

Walter H. Ormonde Garde.

Exhibitors in Practical Medicine, Surgery, and Midwifery.

PRACTICAL MEDICINE, . . . Ernest V. Eames.

,, SURGERY, . . . J. J. Tracy.

,, MIDWIFERY, . . . John Hennessy.

Names of
the Stu-
dents
awarded
Prizes and
Certificates
at the Ses-
sional Exa-
minations.No. XVI.—NAMES OF STUDENTS AWARDED PRIZES AND
CERTIFICATES AT THE SESSIONAL EXAMINATIONS, 1889.

FACULTY OF ARTS.

Third Year.

				Prize.
GREEK,	.	.	1. Whitton, H. M'M.,	
LATIN,	.	.	1. Whitton, H. M'M.,	"
ENGLISH,	.	.	1. Denroche, Barbara C.,	"
HISTORY,	.	.	1. England, Thomas A.,	"
FRENCH AND GERMAN,	.	.	1. Denroche, Barbara C.,	"
MATHEMATICAL PHYSICS,	.	.	1. Maynard, H. P.,	"
EXPERIMENTAL PHYSICS,	.	.	1. { Clarke, A. B., { M'Math, William,	"
POLITICAL ECONOMY,	.	.	1. England, Thomas A.,	"
JURISPRUDENCE,	.	.	1. England, Thomas A.,	"
PRACTICAL CHEMISTRY,	.	.	1. M'Math, William,	"

Second Year.

				Prize.
GREEK,	.	.	1. Connor, Arthur E.,	
			2. Lavelle, Matthias,	"
LATIN,	.	.	1. Connor, Arthur E.,	"
			2. Cussen, Joseph S.,	Certificate.
ENGLISH,	.	.	1. Ryce, George,	Prize.
FRENCH,	.	.	1. Connor, Arthur E.,	"
			2. Ryce, George,	"

MATHEMATICS, . . .	1. Cussen, Joseph S., 2. Maynard, Harry P.,	Prize.	<i>Appendix B</i> Names of the Stu- dents awarded Prizes and Certificates at the Ses- sional Exa- minations.
MATHEMATICAL PHYSICS, .	1. M'Cay, Samuel,	Certificate.	
EXPERIMENTAL PHYSICS, .	1. Cussen, Joseph S.,	Prize.	
LOGIC, . . .	1. O'Connor, Daniel J., 2. Stitt, William, 3. Denroche, Barbara C., 4. Ryce, George,	" " " "	
GEOLOGY, &c., . . .	1. Maynard, Harry P.	"	

First Year.

GREEK, . . .	1. Clarke, James A., 2. Robinson, William,	Prize.	
LATIN, . . .	1. Clarke, James A., 2. Robinson, William,	" Certificate.	
ENGLISH, . . .	1. O'Meara, Timothy, 2. Rearden, William, 3. Clarke, James A.,	Prize. " "	
FRENCH, . . .	1. Robinson, William, 2. O'Meara, Timothy,	" "	
ITALIAN, . . .	1. O'Meara, Timothy, 2. Rearden, William,	" "	
EXPERIMENTAL PHYSICS, .	1. Robinson, William, 2. {O'Meara, Timothy, } Equal, {Clarke, James A., }	" "	

SCHOOL OF ENGINEERING.

MATHEMATICS (First Year), .	1. Parker, James M. M.,	Prize.
CIVIL ENGINEERING, .	1. Maynard, Harry P., 2. Sikes, Robert C.,	" "
OFFICE WORK (First Year),	1. Parker, James M. M.	"

FACULTY OF LAW.

Third Year.

ENGLISH LAW, . . .	1. Wynne, Henry A.	Prize.
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Second Year.

ENGLISH LAW, . . .	1. Skuce, James H., 2. Galvin, Barry C.,	Prize. "
CIVIL LAW, . . .	1. Skuce, James H.,	"

First Year.

ENGLISH LAW, . . .	1. Cussen, George P.,	Prize.
JURISPRUDENCE, . . .	1. Cussen, George P.,	"

FACULTY OF MEDICINE.

EXPERIMENTAL PHYSICS, .	1. O'Connor, Daniel J.,	Prize.
CHEMISTRY, . . .	1. M'Math, William, 2. {Shannon, William J., } Equal, {Rountree, William A., }	" " "
PRACTICAL CHEMISTRY, .	3. M'Kendry, Thomas T., 1. (See Fac. of Arts.) 2. Rountree, William A., 3. Burns, John A., Byrne, Kevin,	" " " " Certificate of Honour.

B

<i>Appendix B.</i> ZOOLOGY,		1. { M'Math, William, Rountree, William A. }	Equal, Prize.
Names of the Stu- dents awarded Prizes and Certificates at the Ses- sional Ex- aminations.	BOTANY,	Byrne, Kevin,	Certificate of Honour.
	PRACTICAL ANATOMY,	1. M'Carthy, Daniel J.,	Prize.
	(First Year),	2. Garde, Walter H. O.,	"
		3. Shannon, William J.,	"
	(Second Year),	1. O'Driscoll, Daniel,	"
		2. Elmes, John Henry,	"
		3. Collins, Daniel J.,	"
	(Third Year),	1. Twomey, Michael,	"
		2. Walker, George S.,	"
		3. D'Arcy, Martin J.,	"
		4. Moore, James B.,	Certificate.
	ANATOMY AND PHYSIOLOGY,	1. Moynahan, Richard,	Prize.
	(Second Year),	2. Howell, Harry A.,	"
	(Third Year),	1. Twomey, Michael,	"
		2. Moore, James B.,	"
	PRACTICAL PHYSIOLOGY AND } HISTOLOGY, }	1. Walker, George S.,	"
		2. Twomey, Michael,	"
	PRACTICE OF MEDICINE,	1. Eames, Ernest V.,	"
		2. Foley, James J.,	"
	SURGERY,	1. Moore, James B.,	"
		2. Foley, James J.,	"
	MIDWIFERY,	1. Hennessy, John,	"
		2. Eames, Ernest V.,	"
	MATERIA MEDICA,	1. O'Sullivan, Patrick Thomas,	"
		2. Collins, Daniel J.,	"
		3. O'Driscoll, Daniel,	"
	MEDICAL JURISPRUDENCE,	1. Hennessy, John,	"
		2. Eames, Ernest V.,	"
		3. Foley, James J.,	"
NEW SHAKSPEARE SOCIETY'S PRIZE, 1888.		} Ryce, George.	

Names of
the Stu-
dents who
obtained
Honours at
the Royal
University
of Ireland
in 1888.

XVII.—STUDENTS WHO OBTAINED HONOURS AT THE EXAMINATIONS OF THE ROYAL UNIVERSITY OF IRELAND IN 1888.

FACULTY OF ARTS.

First University Examination.

EXHIBITION,	Daniel J. O'Connor,	2nd Class Exhibition.
LATIN,	Arthur E. Connor,	2nd Class Honours.
	Daniel J. O'Connor,	" "
ENGLISH,	Daniel J. O'Connor,	" "
	George Ryce,	" "
FRENCH,	Daniel J. O'Connor,	1st Class "

Second University Examination.

Appendix B.

EXHIBITION, . . .	Wm. John Shannon,	2nd Class Exhibition.	Names of the Students who obtained Honours at the Royal University of Ireland in 1888.
GREEK, . . .	H. McManus Whitton,	2nd Class Honours.	
ENGLISH, . . .	Barbara C. Denroche,	" "	
FRENCH, . . .	Wm. C. Sullivan,	1st of 1st Class Honours.	
MATHEMATICS, . . .	Wm. John Shannon,	2nd Class Honours.	
MATHEMATICAL PHYSICS, . . .	Wm. John Shannon,	" "	

Degree of B.A.

EXHIBITIONS, . . .	Albert Ed. Crawford,	1st Class Exhibition.
	John Johnston,	2nd Class "
	James Andrew Workman,	" "
ANCIENT CLASSICS, . . .	Albert Ed. Crawford,	1st Class Honours.
	John Johnston,	2nd Class "
MATHEMATICAL SCIENCE, . . .	Jas. Andrew Workman,	1st Class "

Degree of M.A.

MENTAL AND MORAL SCIENCE, . . .	Thos. J. Pulvertaft,	2nd Class Honours.
		(No First Awarded.)

SCHOOL OF ENGINEERING.

Second Professional Examination.

Robert C. Sikes, . . .	2nd Class Exhibition and 2nd Class Honours.
Harry P. Maynard, . . .	2nd Class Honours.

FACULTY OF MEDICINE.

First Examination in Medicine.

Summer.

Denis Joseph Collins, . . .	2nd Class Exhibition and 1st Class Honours.
William C. Sullivan, . . .	1st of 2nd Class Honours.
Patrick T. O'Sullivan, . . .	2nd Class Honours.
Michael Boyle, . . .	Upper Pass.
Felix M'Swiny, . . .	Upper Pass.

Autumn.

Patrick J. O'Brien, . . .	2nd Class Exhibition and 2nd Class Honours.
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Second Examination in Medicine.

Spring.

Jeremiah Ambrose, . . .	Upper Pass.
Jas. K. O'Connor (also Belfast),	Upper Pass.
	No Honours awarded.

Autumn.

James B. Moore (and Glasgow), . . .	Upper Pass.
Robert Bird Wagner, . . .	Upper Pass.

Appendix B.*Third Examination in Medicine.*

Names of
the Stu-
dents who
obtained
Honours at
the Royal
University
of Ireland
in 1888.

<i>Spring.</i>		
John W. Wolfe, . . .	.	1st Class Exhibition and 1st Class Honours.
James Jackson, . . .	.	2nd Class Honours.
George William Jenney, .	.	Upper Pass.
John W. C. Macpherson,	.	Upper Pass.
Charles Porter, . . .	.	Upper Pass.
Henry K. Smith, . . .	.	Upper Pass.

Autumn.

John Hennessy, . . .	.	2nd Class Exhibition and 2nd Class Honours.
<i>No First awarded.</i>		
Isaac Banks, . . .	.	Upper Pass.
William Hartland, . . .	.	Upper Pass.
Thomas Jones, . . .	.	Upper Pass.
James J. Tracy, . . .	.	Upper Pass.

*Degree of M.B.**Spring.*

Martin Molony, . . .	.	Upper Pass.
Patrick J. O'Brien, . .	.	Upper Pass.
<i>No Honours awarded.</i>		

*Autumn.**No First Honours awarded.*

George W. Jenney, . . .	.	2nd Class Exhibition and 1st of 2nd Class Honours.
Joseph V. Ryan, . . .	.	Upper Pass.

C.—RECEIPTS, EXPENDITURE, SALARIES, FEES, &c.

Appendix C.

No. XVIII.—ABSTRACT OF THE RECEIPTS AND EXPENDITURE OF
QUEEN'S COLLEGE, CORK, FROM 1ST APRIL, 1888, TO 31ST
MARCH, 1889.

Abstract of
the Re-
ceipts and
Expendi-
ture.

DR.	RECEIPTS.	£	s.	d.
To Balance on 1st April, 1888,		1,816	13	9
" Grant from Consolidated Fund,		6,877	2	7
" Grant in aid of maintenance,		1,600	0	0
" Grant in aid of Professors' Salaries,		76	1	8
" College Fees and Fines,		120	0	0
" Professors' Class Fees,		1,768	0	0
" Miscellaneous Receipts,		0	2	6
" Library Deposits,		18	0	0
" Dividend on £1,049 7s. 8d. the Blayney Fund,		37	17	5
Total Receipts,		£12,808	17	11

CR.	EXPENDITURE.	£	s.	d.
By Salaries of President, Professors, and Officers,		£4,877	11	8
" Scholarships, Prizes, and Exhibitions,		1,289	11	4
" Minor Officers, College Attendants, Gardeners, &c.,		578	0	0
" Maintenance, out of Grant in aid, College Fees and Fines, and Miscellaneous Receipts (detail given below),		1,719	19	11
" Class Fees,		1,728	0	0
" Library Deposits repaid to Students,		24	0	0
" From lapsed Balances in aid of Scientific Apparatus, Library, Museums, &c.:—				
Library,	£83	0	2	
Physical Laboratory,	263	4	2	
Biological do.	70	0	0	
Pathological and Physiological Laboratory,	53	14	4	
Medical, Surgical, and Obstetrical Instruments,	147	14	0	
Standard Weights and Measures,	12	10	0	
		610	2	8
" Purchase of Stock with dividend of Blayney Fund,		29	13	10
Total Expenditure,		10,852	19	5

BALANCES.			
" Consolidated Fund Grant,	.	.	£1,360 7 2
" Special Fund,	.	.	1 10 10
" Library Deposits,	.	.	34 0 0
" Blayney Fund,	.	.	23 0 6
" Class Fees,	.	.	37 0 0
			<hr/>
			1,455 18 6
Total Balances and Expenditure,	.	.	<hr/> £12,308 17 11

ACCOUNT OF EXPENDITURE OF GRANT IN AID OF MAINTENANCE AND OF COLLEGE FEES
AND FINES AND MISCELLANEOUS RECEIPTS.

To Library,		£299	15	11
" Laboratories—				
Chemical,	£175	4	9	
Physical,	119	5	11	
Medical,	123	18	3	
Natural History,	59	2	10	
Engineering,	0	14	2	
		478	5	11
" Museums—				
Anatomical,	40	8	10	
Natural History,	14	18	1	
Archæological,	0	4	6	
Salary of Curator of Anatomical and Pathologi- cal Museum,	30	0	0	
		85	11	5
" Printing, Stationery, and Advertising,		234	13	5
" Heating and Lighting,		334	8	7
" Botanic Garden and Grounds,		142	4	5
" Miscellaneous—				
Attendants' Clothing,	£57	5	0	
Water Supply,	12	12	0	
Incidental Expenditure,	34	8	4	
Postage,	6	3	11	
Travelling,	26	6	0	
Fees returned to Students,	8	5	0	
		145	0	3
Total,		1,719	19	11

Queen's College, Cork,
31st March, 1889.

W. R. JENNEY, Lieut.-Col.,
Bursar.

Appendix C.

No. XIX.—SALARIES AND EMOLUMENTS OF PROFESSORS AND OFFICERS, 1888-89.

Salaries and Emoluments of Professors.

—	Appointed.	Salary.	Class Fees.	Total.
		£	£ s.	£ s.
Greek Language,	1883	322	24 0	346 0
Latin „	1849	250	24 10	274 10 (a)
Mathematics,	1887	322	41 10	363 10
Natural Philosophy,	1858	322	72 10	394 10
History and English Literature,	1872	322	18 10	340 10
Mental and Social Science,	1883	322	18 10	335 10
Chemistry,	1872	292	304 10	596 10
Natural History,	1883	292	118 0	410 0
Modern Languages,	1879	212	42 0	254 0
Jurisprudence and Political Economy,	1849	150	12 0	162 0
Anatomy and Physiology,	1875	212	541 0	753 0 (b)
Medicine,	—	130	70 0	200 0
Surgery,	1881	130	109 0	239 0
Materia Medica,	1884	130	77 0	207 0 (c)
Midwifery,	1884	130	49 0	179 0
Engineering,	1855	290	46 10	336 10
Lecturer on Medical Jurisprudence,	—	—	53 0	53 0
English Law,	1884	150	11 0	161 0
OFFICERS:—				
Registrar,	1876	75	—	75 0 (d)
Bursar,	1888	75	—	75 0
Librarian,	1887	75	—	75 0 (d)

(a.) The Professor of Latin not having accepted the new Charter of 1863, receives only £250 from the endowment, and has not acted as University Examiner.

(b.) Out of which the Professor has to provide for the salaries of his Demonstrators.

(c.) Exclusive of £53, the amount of class fees for Medical Jurisprudence.

(d.) The Professor of Modern Languages as Librarian, and the Professor of Engineering as Registrar each receive £75 per annum.

W. R. JENNEY, Lieut.-Colonel,
Bursar.

Queen's College,
Cork, 31st March, 1889.

D.—DONATIONS.

No. XX.—DONATIONS TO LIBRARY.

Appendix D.

Donations to Library, Museums, &c.

America. Censo general de la ciudad de Buenos Aires. Tomo 1^o.
8vo; Buenos Aires, 1889.

From the Municipality of Buenos Aires.

United States: Geological and Natural History Survey of Minnesota,
Fifteenth Annual Report, 1886. By N. H. Winchell, State
Geologist. 8vo; St. Paul, 1887.

Do., do., Bulletin, Nos. 2, 3, 4.

From Mr. Winchell, State Geologist.

Report of the Superintendent of the U. S. Coast and Geodetic Survey,
for year ending June, 1886. Two parts, text and sketches.

4to; Washington, 1887.

From the U. S. Coast and Geodetic Survey Office.

Coast and Geodetic Survey: Bulletin, Nos. 4-8.

From the Same.

Andrews, Thomas (the late), M.D., F.R.S., Vice-President and Professor of Chemistry, Queen's College, Belfast, Scientific Papers of. *Appendix D.*
8vo ; London, 1889. *Donations to Library, Museums, &c.*
From Mrs. Andrews.

Army Medical Department, Report for 1886, with Appendix. Vol. XXVIII.

From the Department.

Australia :

Australian Orchids. By R. D. Fitzgerald, F.L.S. Part III., Vol. II. Folio, Sydney, 1888.

Queensland : Vital Statistics for 1887.

From the Registrar-General.

Backhouse, Edward : A new Rendering of the Hebrew Psalms.

Cr. 8vo ; New York, 1888.

„ Witnesses for Christ from the Fourth to the Thirteenth century. By Edward Backhouse and Charles Tylor. Two Vols.

8vo ; London, 1889.

From Mrs. Backhouse.

Bodleian Library, the, in 1882-87. A Report from the Librarian. 4to ; Oxford, 1888.

British Museum Publications :—

Catalogue of the Turkish Manuscripts in the British Museum. By Charles Rieu, Ph.D. 4to ; London, 1888.

Catalogue of Engraved Gems in the British Museum (Department of Greek and Roman Antiquities). Cr. 8vo ; 1888.

Catalogue of Greek Coins : Corinth, Colonies of Corinth, &c. By Barclay V. Head, D.C.L. Edited by R. Stuart Poole, LL.D.

8vo ; London, 1889.

Catalogue of Marsupialia and Monotremata in the collection of the British Museum. By Oldfield Thomas, 1888.

Catalogue of the Passeriformes or Perching Birds in the collection of the British Museum : Oligomyodæ. By Philip L. Sclater.

Catalogue of the Fossil Reptilia and Amphibia in the British Museum (Natural History), Cromwell Road. Part I. By Richard Lydekker. 8vo ; 1885.

Catalogue of the Chelonians, Ryncephalians, and Crocodiles in the British Museum. New ed. By George Albert Boulenger.

8vo ; 1889.

Catalogue of Fossil Fishes in the British Museum. Part I. (Elasmobranchii). By Arthur Smith Woodward, F.R.S., 1889.

Catalogue of Fossil Cephalopoda in the British Museum, Cromwell Road. Part I. By Arthur H. Foord, F.R.S. 8vo ; 1888.

Bureau of Education, Department of the Interior, Washington :—

Report of the Commissioners of Education for 1886-87.

8vo ; Washington, 1888.

Circular of Information for 1888. Nos. 1-2.

History of Education in North Carolina. By Ch. Lee Smith, Fellow of Johns' Hopkins University. 8vo ; Washington, 1888.

Thomas Jefferson and the University of Virginia. By Herbert B. Adams, Ph.D. 8vo ; Washington, 1888.

Industrial Education in the South. By Rev. A. Mayo.

8vo ; Washington, 1888.

Calendar of the Royal College of Surgeons of England, 1888.

From the Council of the College.

- Appendix D.* Calendar of the University College of North Wales for 1888-89.
From the College.
- Calendar and Examination Papers of the Royal University of Ireland.
From the University.
- Calendar of the Mason Science College, Birmingham, 1888-89.
From the College.
- Calendar of the University of Aberdeen, 1889-90.
From the University.
- Calendar of Wills proved and enrolled in the Court of Husting, London.
 Part I. A.D. 1258—A.D. 1358, edited with an Introduction. By
 Reginald R. Sharpe, D.C.L., London, 1889.
From the Corporation of the City of London.
- Cambridge Philosophical Society, Transactions, Vol. XIV., Part III.
From the Society.
- Canada, Geological Survey of :—
 Annual Report (New Series), Vol. II., 1886.
 Catalogue of Canadian Plants, Part IV. Endogena, Montreal,
 1888.
From the Director.
- Canadian Gazette, The (Received regularly).
From the Proprietor.
- China: Imperial Maritime Customs publications :—
 Returns of Trade for 1887, Parts I., II.
 Returns of Trade for 1887, Chinese Version.
 Returns of Trade and Trade Reports for 1888, Parts I., II.
 Service List, 14th Issue.
 Customs Gazette, Nos. 77, 78, 79, 80.
 Le Saint Edit, étude de littérature chinoise préparée par A.
 Théophile Piry, du service des Douanes Maritimes de Chine,
 4to; Shanghai, 1879.
 List of Lights, 17th issue, Chinese Version.
 Lighthouses, &c., for 1889.
From the Director of the Imperial Maritime Customs.
- Civil Engineers, Minutes of Proceedings of the Institution of—
 Vols. 93-94.
From the Institution.
- Coles, Abraham, M.D.: The Life and Teaching of Our Lord, in Verse.
 Cr. 8vo; New York, 1885.
From the Author.
- Cork: Report of the working of the Sanitary Department, during the
 ten months ending 31st December, 1887. By Barry O.
 Galvin, Executive Sanitary Officer. Cr. 8vo; Cork, 1888.
 „ Report on the Health of the City for the year 1887. By Denis
 D. Donovan, L.R.C.P., &c., &c., Medical Superintendent Officer
 of Health. Cr. 8vo; Cork, 1888.
From the Corporation.
- Ernst, F. Gustav: A Guide to the Selection and Adaptation of
 Orthopædic Apparatus. 8vo; London, 1889.
From the Author.
- Glasgow: The Medical Institutions of Glasgow. A Handbook compiled
 and edited by James Christie, M.A., M.D. 8vo; Glasgow, 1888.
From the Editor.
- Glasgow Medical Journal, General Index to, 1828-1888. By Malcolm
 M'Murich, M.A., M.B. 8vo; Glasgow, 1889.
From the Author.
- Glasgow: Report of the Mitchell Library, 1888.
From the Trustees.

- Harris, George, LL.D., F.S.A. : Autobiography, with a Preface. By Dr. B. W. Richardson. Cr. 8vo ; London, 1888. *Appendix D.*
From the Author and Dr. Richardson. Donations to Library, Museums, &c.
- Health of the Navy. Report for 1887. *From the Admiralty.*
- India : Geological Survey of. Records, Vol. XXI., Parts 2, 3, 4.
 A Bibliography of Indian Geology to the end of 1887, compiled by R. D. Oldham, F.G.S., &c. Published by order of H.E. the Governor-General of India. Preliminary issue, Calcutta, 1888.
From the Geological Survey of India.
- „ The species of Ficus of the Indo-Malayan and Chinese countries. Parts I., II. By George King, M.B., LL.D., &c., Superintendent of the R. Botanic Garden, Calcutta. 4to ; Calcutta, 1888.
From the Government of Bengal.
- Jones, D. E., B.Sc. : Examples in Physics. Fc. 8vo ; 1888.
From Macmillan & Co.
- Laffan, Thomas, M.C.P.I. : The Medical Profession in the Three Kingdoms in 1887. (Carmichael Prize Essay). 8vo ; Dublin, 1888.
From the President and Council of the Royal College of Surgeons in Ireland.
- Lincei, Atti della R. Academia dei. (Received regularly).
By the Academia dei Lincei.
- Local Government Board :—
 Seventeenth Annual Report of the, 1887–88. Supplement containing the Report of the Medical Officer for 1887.
From the Medical Department, Local Government Board, Whitehall.
- Loewy, Bn. : Questions and Examples in Elementary Experimental Physics. Fc. 8vo ; London, 1884.
From Macmillan & Co.
- Medical News, the. (Received regularly).
From the Editor.
- Price, L. L., Industrial Peace. Its advantages, &c. 8vo ; London, 1887.
From Macmillan & Co.
- Quarterly Return of Marriages, Births, and Deaths. (Received regularly).
From the Registrar-General.
- Report of an Epidemic of Small-pox at Sheffield during 1887–88. By Dr. Barry. With an Introduction by the Medical Officer of the Local Government Board. London, 1889.
From the Medical Department, Local Government Board, Whitehall.
- Rivington, Walter, B.A., M.D. : The Medical Profession in the United Kingdom. (Carmichael Prize Essay). 8vo ; Dublin, 1888.
From the President and Council of the Royal College of Surgeons in Ireland.
- Rooper, T. G., Handwork in Education, a Lecture, Leeds.
From the National Association for the Promotion of Technical Education.
- Royal Irish Academy :
 Proceedings, Third Series, Vol. I., Part 1.
 Transactions, Vol. XXIX., Parts 3, 4.
From the Academy.
- Royal Society of Canada—Proceedings and Transactions. Vol. V.
From the Royal Society.

Appendix D. Science and Art Department of the Committee of Council on Education :—

Donations
to Library,
Museums,
&c.

List of Books and Pamphlets in the National Art Library, South Kensington Museum—Illustrating Architecture.

Directory (revised to July, 1888), with Regulations for conducting Science and Art Schools and Classes. 8vo; 1888.

Prospectus of Sir Joseph Whitworth's Scholarships and Exhibitions for Mechanical Science. 23rd edition. Regulations for the Competition in 1889.

Prospectus of the National Art Training School, London.

Catalogue of Sky Sketches from September, 1883, to September, 1886. By William Ascroft.

Report of the Science and Art Department of the Committee of Council on Education, on the action of light on water colours.

8vo; 1888.

Outline of experiments and description of apparatus and material for illustrating elementary instruction in sound, light, heat, electricity and magnetism; prepared by Prof. Guthrie.

8vo; 1888.

Examination Papers for Science Schools and Classes—April, May, and June, 1888.

A Catalogue of the printed books bequeathed to the South Kensington Museum. By John Forster, Esq., LL.D.

A List of Books and Pamphlets in the National Art Library, South Kensington, on Drawing, Geometry, and Perspective.

A Catalogue of the National Gallery of British Art at South Kensington—

Part I.—Oil Paintings.

„ II.—Water Colour Paintings.

List of Objects of Art reproduced in Metal in the South Kensington Museum. Part I.

List of Medals, Medallions, and Plaques, reproduced in Metal in the South Kensington Museum.

Illustrated Syllabus of the course of instruction in Drawing under the Department of Science and Art.

Calendar and Directory for 1889.

A List of Books and Pamphlets in the National Art Library, South Kensington Museum, on Construction, Engineering, and Machinery, 1889.

From the Department of Science and Art.

Smithsonian Institute :—

Joseph Henry and the Magnetic Telegraph, an Address delivered at Princeton College. By Ed. N. Dickerson, LL.D.

New York, 1885.

Annual Report of the Board of Regents, to July, 1885. Part II. Washington, 1886.

Miscellaneous Collections, Vols. XXXII., XXXIII.

8vo; Washington, 1888.

From the Smithsonian Institute.

Stanley, Wm. Ford: Mathematical Drawing and Measuring Instruments. 6th edition.

Cr. 8vo; London, 1888.

From the Author.

Times, The. Register of Events, for 1888.

From the Proprietors.

University of Bologna:—

Annuario della R. Università di Bologna, anno 1887-88.

Centenario dello Studio bolognese. Elenco dei Rappresentanti delle Università, ecc.

Universitatis Litterarum et Artium Boloniensi ferias sæculares octavas celebranti. [Greek ode by Prof. Jebb.]

Translation of this ode into Italian verse. By G. Pellicioni.

Catalogo dei Lavori pubblicati dai Dottori collegiati e dagli Assistenti nelle R. Università di Bologna nel decennio 1864-74, e del 1875 al 1885.

Stabilimenti scientifici della R. Università di Bologna in rapporto col piano regolatore della città secondo il progetto del Rettore G. Capellini. Bologna, 1888.

Liste chronologique des Travaux publiés par M. Jean Capellini.

Statuti delle Università e dei Collegi dello Studio bolognese, pubbl. da C. Malagola. Folio; Bologna, 1888.

I Rotuli dei Lettori Legisti e Artisti dello Studio bolognese dal 1384 al 1799, pubblicato dal dottor Umberto Dallari. Vol. I. 4to; Bologna, 1888.

Facsimile del rotulo di medicina e arti dell' anno, 1479-80.

Notizie concernenti la R. scuola di Applicazione per gli Ingegneri in Bologna e monografie dei gabinetti. 2 Vols. Bologna, 1881, 1887.

Guida del R. Istituto geologico di Bologna.

Archiginnasio di Bologna. Omaggio del Collegio degli Ingegneri ed Architetti di Bologna agli Scienziati commemoranti l'ottavo centenario dello Studio bolognese monografia di sette tavole e testo illustrativo del Prof. Cav. Raffaele Faccioli.

Della Dazione in pagamento. Dal Prof. V. Polacco, Vol. I.

Conosci te stesso; Dialoghi per l'Istruzione popolare, di A. Marescotti, Senatore del Regno.

All from the University of Bologna.

Il gonfalone della R. Università di Bologna (Descriptive Pamphlet).

From Countess Carolina Pepoli Tattini, President of the Committee for the University Banner, in the name of the Ladies of Bologna.

University Studies published by the University of Nebraska, Nos. 1 and 2.

From the University.

University of California, Register for 1887-8.

From the Regents of the University.

Weekly Return of Marriages, Births, and Deaths. (Received regularly.)
From the Registrar-General.

NO. XXI.—DONATIONS TO MUSEUMS, &c.

Mineralogical and Geological Museum.

A. C. Bennett, M.D. J.P., Griquatown, Griqualand West, South Africa, a very interesting collection of Fulgorites from Witte Sands, on the north-western border of Cape Colony.

Appendix D, Anatomical and Pathological Museum.

Donations to Library, Museums, &c.		No. of Specimens.
	Dr. T. G. Atkins,	1
	„ H. Corby,	2
	„ J. Cotter,	6
	„ A. Cummins,	4
	„ P. Daly,	1
	„ N. J. Hobart,	2
	„ S. O'Sullivan,	3
	„ C. T. Pearson,	2
	„ T. Riordan,	1
	„ J. Ryan,	1
	„ E. R. Townsend,	3
	„ H. Townsend,	1
	Total,	27

Materia Medica Museum.

Mr. R. Sunner, Pharmaceutical Chemist, Patrick-street, Cork, three beautiful specimens of crystallized preparations.

Plant House and Botanic Garden.

- F. W. Moore, Esq., Director of the Royal Botanic Gardens, Glasnevin, Dublin, a fine collection of eight species of *Nepenthes*.
 Deputy-Surgeon-General Cattell, F.L.S., package of seeds of *Alnus precatorius*.
 A. H. Smith-Barry, Esq., M.P., Fota, plant of *Gunnera scabra*.
 T. Ross, Esq., plants of *Hymenophyllum tunbridgensis*.
 James Lyons, Esq., Lee Hall, two large specimen plants of *Alsophila excelsa* and *Dicksonia antarctica*, plant of *Fuchsia corymbosa*, plant of *Sparmannia africana*.
 J. Carroll, Esq., plants of *Osmunda regalis*.
 — Thomson, Esq., Youghal, plants of white-flowering *Centranthus*.

No. XXII.—MISCELLANEOUS DONATIONS.

- M. J. Sexton, M.D., Surgeon Indian Medical Service, Malapuram, Malabar, Madras Presidency :—
 History of Rāmāyanum, Battle between Rama and Ravana, King of Ceylon, Hindoo holy book written on palm leaves in Malyalum, the language of Malabar.
 “Eritanee,” native pen and knife used for preparing the leaves and writing on them.
 “Salaāt,” MS. Book of daily prayer of the Moplah sect of Mahomedans, Malapuram, Malabar.
 “Wasthe Ka Kulum,” Mahomedan pen.
 Manuscript copy of the Muasaf (Quran), used in the Schools of the Moplah sect of Mahomedans, Malapuram.
 “Nowlooth Shireef,” Mahomedan manuscript prayer-book.
 Mahomedan printed religious book.
 Mahomedan Thusbei, or prayer beads.

DUBLIN: Printed for Her Majesty's Stationery Office,
 By ALEX. THOM & Co. (Limited), 87, 88, & 89, Abbey-street,
 The Queen's Printing Office.