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## alniversity of ©oronto.

## FACUITY OF ARTS.

1869. 

DEGREE OF B.A.

There are two regular modes of proeceding to the degree of B.A. viz: : one by passing the five Annual Examinations appointed for Undergraduates in the Faculty of Arts, and the other by passing the last four of them. The first of the five Annual Exnminations is called "The Junior Matriculation Exnmination," and the second "The Senior Matriculation Examination," or, "The Examinstion for the First Year."

Candidates who purpose proceeding to the degree of B.A. by passing the last four Annual Examinations, may present themselves for Examination, cither with the Undergraduates in May, or with the Senior Matriculants, in September; but those who have been Students of any Affiliated College, in which instruction is given in all the subjects prescribed for Candidutes for the degree of B. A., may not compete with Senior Matriculants, for Honors or Scholarships, at the latter Examination. Such Stuilents will be separately classified and arranged.

Candidates entering at the Junior or Senior Matriculation Examination, or at the Examination for the First Year, must have completed the 15 th year of their age.

There are also three other modes of proceeding to the degree of B.A., viz., by passing the last three Annual Examinations, or the last two Annual Examinations, or the Final Examination.

Candidates entering at the Examination for the Second Year must have completed the 17 th year of their age; and, in addition to the subjects appointed for that year, must pass the Examination in Mathematics required for the First Year. Cundidates entering at this Examination, or at the Senior or Junior Matriculation Examination, may seleot either the Fixell or Variable Course, as hereafter stated in "The Subjects of Examination."

Candifutes entering at the Examination for the Third Yeur, must have completed the 18th year of their nge; and in addition to the Fixed Departments and Sub-departments nppointel for that year, must pass the Examination in Mathematics required in the First Year, and the Examinations in Natural Sciencos, and in Logic, Metapliysios, and Ethics, required in the Scound Year. Those who are not candidntes for Honors must take the Fixed Subjeots at the Final Exnmination.

Candidates entering at the Final Examination for B.A., must have completed the 25th year of their age ; and, in addition to the fixed Departments and Sub-departments appointed for that year, must pass the Examination in Mathematics required in the First Year, the Examinations in Logic, Metaphysice, and Ethics, and in Natural Sciences, required in the Second Year, and the Examinations in History, Chemistry, the Elements of Civil Polity, Natural Theology and Evidences, required in the Third Year. If Candidates for Honors, they will be arranged in the Class Lists according to their proficiency.

Candidates on entering must produce satisfactory certificates of age and of good conduct.

The preceding restrictions as to age do not refer to Students of other Universities who apply for admission ad eunden statum.

Undergraduates are required to attend, as Matriculated Students, onc of the Colleges affiliated to the University of Toronto, except in those cases in which the Senate, on consideration of peculiar circumstances, shall have dispensed with this rule.

Undergraluates of the University of Toronto, who are Matriculated Students of an Affiliated College, will not be admitted to the University Examinations of any year in which they have attended such Affiliated College, unless they produce a certificate from the Head of the College, that they have fulilled the requirements of that College.

Students in any of the Colleges affiliated to the University of Toronto are not required to pass any other Examination in the University than that appointed for the Second Year, and the Final Examination for B.A.; but they must produce certificates from the Head of the Affiliated College, that they have in the other years passed satisfuctory Examinations in all the subjects prescribed for those years by the University, and that they have fulfilled the requirements of that College.

Candidates for the degree of B.A., who are not Students in any Affiliated College, must in each of the years succeeding that in which they matriculate, pass an Examination in the subjects appointed for such year.

## DEGREE OF M.A.

Candidates for the Degree of M.A., must have been admittel to the Degree of B.A.; must be of the standing of one year from arlmission to the Degreo of B.A, and must liave composed an approved Thesis upon some subject in one of the Departments in the Fuculty of Arts.

## CHANGE OF FACULTY, AND JOINT MATRICULATION.

Matriculation in the Faculty of Medieine, or in the School of Civil Engineering, or of Agriculture, will not be accepted as a substitute for Matriculation in Arts or in Law; nor will Matriculation in Arts be accepted as a substitute for Matriculation in Law. .Candidates for Mntriculation may not compete for Honors or Scholarships in two Faculties or Sohools, nor in a Faculty and a School. Thoyp who have matriculatel in a Freulty or in the School of Civil Engineering may not compete for Honors or Scholarships at a subsequent Matriculation Examination in unother Faculty or School.
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Colleges pn consits of an in which he Head required nd Year, Head of tions in filled the ge, must $n$ in the
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g, or of aw; nor ndidates Schools, e School Matricu-

## ADMISSION "AD EUNDEM."

A Student in any University in Her Majesty's dominions may be admitted "ad eundem stat um" in the University of Toronto.

A Student in any such University, applying to be admitted to the standing of the Third or Fourth Years in the University of Toronto, is required to take the Fixed Course for the respective years.

A Student applying to be admitted to a lower standing in the University of Toronto, than he held in such other University, may not compete for Honors or Scholarships at such lower standing; but if the Examiners report that he was otherwise entitled to be placed in the.First Class in IIonors, he may, at the next succeeding Examinations, be permitted to exercise the options of a Student who had been so classed in Honors.

A Graduate in the Faculty of Arts in any University in Great Britnin or Ireland (if such Degree be not an honorary one) may bo admitted to the same degree in the University of Toronto.

All applications ior admission "ad eundem statum" or "ad eundem gradum," must be sent to the Registrar, together with the necessary certificates, at least fourteen days before the first meeting of the regular or special session, at which the application is to be brought forward.

FEES.
The following fees will be required:-

| For | our dollars. |
| :---: | :---: |
| For change of Facelty. | four dollars. |
| For ndmission "ad eundem statum" | five dollars. |
| For the first Degree in the University | six dollars. |
| For every subsequent Degree.. | eight do |
| For admission "ad eundem gradum | en dollar |

The fee for Matriculation must be paiil to the Registrar before the Candidate offers himself for Examination; but if he should be rejected, he may ofier hinself again without any additionnl fee.

The fee for almission "ad eundem sfatum," or for Matriculation upon the certificate of the Hend of any Affiliuted Institution, must be paid to the Registrar nt the time of application.

The fee for $n$ Degree must be pnid to the Registrar before the Degree is conferred.

## EXAMINATIONS.

Tho Annual Exnminations for Junior and Senior Matriculation will be held in the latter part of Scpternber.

The Annuul Examinations for Students who have already Matriculated, and for those who propose to enter int any other purt of thie course, will be held in :he month of May.

Notice will be given nnnually in January of the lany when the Examinations will commence

Every Student who proposes to present hinself at any Examination is required to send to the Registrar, at least three weeks before the day appointed, a paper (according to a printed form which will be provided), stating his standing, wiscther he is a Candidate for Honors or otherwise, and the departments or Sub-departments in which he proposes to offer himself for Examination.

Undergraduates below the standing of the Fourth Year, who have been rejected, or who have been prevented from attending the Annual Examinations in May by sickness, domestic affliction, or other causes beyond their control, may present themselves for Examination in September at the time of Matriculation Examinations. Satisfactory certificates must be sent to the Registrar at least three weeks before the day appointed for the commencement of the Supplemental Examinations.

The fee for a Supplemental Examination is six dollars for those who were rejected at the Regular Examinations, and three dollars for those who did not attend them.

SCHOLARSIIIPS.
Twenty-four scholarships will be annually offered for competition in the Faculty of Arts, viz.:-
at the junior matriculation examination.
One in Classioe.
One in Mathematios.
Two for General Proficienoy in all the sabjects appointed for Junior Matrioulants.
at the senior matriculation examination.
One in Classics.
One in Mathematics.
Two for General Profioienoy la all the subjeota appointed for Senior Mntriculanta.
at the examination for the first year.
One in Claszics.
One in Mathematios.
Two for Qeneral Proticleney in all the subjects appointed for Students of the First Year.
The Examiners, at their discretion, may award for General Proficiency among the Senior or Junior Matriculants any Scholarship. which has not been taken at the Senior or Junior Matriculation or at the preceding Examination of Undergraduates of the First Year ; or may reserve any Scholarship, which has not been taken at the Senior Matriculation, to be awarded for General Proficienoy among the Undergraduates of the First Year at the succeeding Examination.
at the examination for the second year.
One In Classien.
One in Mathemalics.
One in Natural Sciences.
One in Modern Languager, with History.
One in Logio, Metaphysice, and Ethice.
One for General Proficienoy in all the subjects appointod for Students of the Second Year.
AT THE EXÁIINATION. FOR THE THIRD YEAR.
One In Clascien.
One in Mathematior.
One in Natural Folenoes.
One In Modera Languages, with Hiltory.
One in Metaphyalce and Ethlon, with Civil Pulity, Natural Theology and Evidencen, and History.
One for Oeneral Prote enoy in all the subjeote appointed for Students of the Third Year.

Candidates for the Scholarship in the Natural Sciences in the Second Year will, in addition to the subjects appointed for that year, be re-examined in those portions of Natural History which formed the subjects of Examination in the First Year ; and Candidates for the Scholarships in Natural Sciences in the Third Year, will, in addition to the subjects appointed for that year, be re-examined in those portions of Mineralogy and Geology which formed the subjects of Examination in the Second Year.

In awarding the Scholarships for General Proficiency, not only the subjects appointed for all Students, but also the subjects appointed for Candidates for Honors, are taken into account, and the Scholarships are awarded to such Students as have obtained the highest aggregate number of marks upon the whole Examination, but in this aggregate the numbers obtained by any Candidate in the udditional subjects in the Natural Sciences before mentioned are not included. In awarding these Scholarships the comparative value of the several Departments and Sub-departments is estimated according to the following schedule :-

FOR JUNIOR NATRICULATION.
Clasaisa ..... 400
Mathematica ..... 400
English ..... 100
Hiatory ..... 100
French ..... 100
FOR SENIOR MATRIC
Ciasaica ..... 500
Ma:hematics ..... 500
Engliah ..... 200
French ..... 125
German ..... 125
Chemistry ..... 125
Natural Hiatory ..... 125
FOR TIE:SECOND YEAR.
Classics ..... 600
Mathematice ..... 600
French ..... 180
German ..... 180
History ..... 200
Natural Hiatory ..... 150
Mineralogy and Geology ..... 150
Logio ..... 120
Metaphyaicer and Ethica ..... 200
FOR TIIE THIRD YEAR.
Clasaica ..... 880
Mathematica ..... 880
French ..... 250
Cerman ..... 250
Italian ..... 100
History ..... 440
Chemiatry ..... 440
Natural Hintory ..... 440
Netaply ..... 240
Ethies. ..... 240
Civil Poilty ..... 150
Natural Theology and Efidences. ..... $1 i 5$

Each Scholarship is of the value of one hundred and twenty dollars a year.
Each Scholarship is tenable for one year only, but the Scholars of one year are eligible for the Scholarships of the succeeding years.

No Student can hold two Scholarships at the same time; but if two or more Scholarships have been awarded to him, ho will be entitled to the sum of Forty Dollars for each additional Scholarship, his Scholarship being called a double, triple, \&c., Scholarship, as the case may be, and the Senate may award the remainder of the value of such additionnl Scholarship to the Student who would next have been entitled to it.
No Scholarship, except those for General-Proficiency, will be a warded to any Candidate, who has been placed lower than the First Class in the Department, or in either of the Departments, for which the Scholarship has been established.

All Schole ss must sign a declaration that it is their intention to procced to a Degree in the University of Toronto.

## - MEDALS, PRIZES; AND CERTIFICATES OF HONOR.

Gold Medals may be given upon the special recommendation of the Examiners, to the Students who, at the Final Examination for the Degree of B.A., have been placed first in the First Class of Honors in any of the following Departunents, viz. :-

Classics.
Mathematics.
Natural Soiencers.
Modern Lamadages.
Loaic, Metaphysics, and Ethice, witi Civil Polity.
No Gold Medal in Modern Languages will be awarded except to such Candidates as have been placed in the First Class of each of the following Sub-departments, viz., English, French, German, Italian, and Spanish.

No Gold Medal in Natural Sciences will be awarded except to such Candidates as have been placed in the First Class in each of the following Sub-departments:-Chemistry, Mineralogy and Geology, Botany and Zoology.

A Silver Medal wili be given to each of the Students, who, at the Final Examination for the Degree of B.A., has been placed in any of the above Departments in the First Class in Honors, provided a Gold Medal has not been awarded to him in that Department.

In the Natural Sciences the rank of First Class in Honors in two of the three Subdepartments and Second Class in Honors in the Third, will be sufficient qualification for a Silver Medal.

In the Modern Langunges the rank of. First Clasn in Honors in English, French, German, and either Italinn or Spanish, will be sufficient qualification for a Silver Medal.

A Prize of the value of twenty dollars in books will be given to each Candidate who, at the Final Examination for the Degree of B. A., has been placed first in the First Class, in any Sab-department in the Natural Sciences, and is not entitled to a medal in the Department.

A Prize of the value of ten dollars in books will be given to the Candidate who has been placed first in the First Class in Meteorology.

A Prize of the value of ten dollars in books will be given to the Candidate who, at any of the four Examinations of Undergraduates, has been placed first in the First Class in Oriental Languages.

Prizes, each of the value of ten dollars in books, may be awarded annually among Undergraduates in Arts, Law, or Medicine, for the best Compositions in Greek Verse, Greek Prose, Latin Verse, Latin Prose, English Verse, English Prose, French Prose, or German Prose.

Certificates of Honor will be given at each Examination to those Students who have been placed in the First Class in any Department.

Persons who do not propose to proceed to a Degree in the University may offer themselves for Examination in any one or more of all the Departments appointed for the Final Examination for the Degree of B.A., and if placed in the First Class at such Examination they will receive Certificates of Honor.

## THE PRINCE'S PRIZE.

Through the liberality of His Royal Highness, the Prince of Wales, a silver ink-stand, called "The Prince's Prize," will be annually offered for competition. The prize will be awarded to the Candidato for the Degree of B.A., who having been classed in Honors in at least two Departments, and in the First Class in at least one Department, slall have obtained the highest aggregate number of inarks.

In determining the aggregate amount of marks the comparative value of the several Departments and Sub-departments is estimated according to the fullowing schedule :

Classics.. ........ ....... ........ ......... ........ . ..... .................. ......... .... ... 1,2.50
Mathemntics ...... ........ ........ ...... ............. ... ........... ...................... 1,250
English . . ...... .... ........ ....... ...... .......... ........ ......... ....... ........ . 400
French .. ...... ......... ...... ...... .. ...... ............ ...... ...... ...... ...... ....... ..... 850
German........ .............. . ....... ...... ........ ...... ....... ...... ............. 800
Italian.... ...... ..... .... ...... ......... ... ...... ............... ........... ........ ...... 200
Spanish .....z. ......... .......... ........ ................. . ..... ... .. ...... ...... ......... 100
Chemistry ...... ............. ........... ...... ......... ...... ..... ...... ...... ........ 450
Natural History ..... ............ ...... ...... ...... ........ ........ ...... ......... ......... 450
Mineralogy nnd Geoiogy ..... ...... ..................... ......... ......... ......... ...... 450
Meteorology ....... ...... ..... ........ ....... ............ ...... . ...... ... . ......... 100
Logir, Metnplysics, nud Ethics ..... ......... ........ ...... .... ..................... 950
Civil Polity .... .... ......... ........ ......... ....... ........ .... .... ....... ...... ......... 800
History ................ ..... ..... ..... ..:..... ...... ........ ..... ...... ...... ..... ...... 450
Hebrew .......... ........ ........ ...... ......... .......... ........ ........ ............. 300
Cbaldee ...... .... ........ .... ... ...... ...... ...... ...... ......... ............ ........ 200
Eyrino ...... ............ ..... ........ ......... ...... ...... ...... ..... ........ ......... ..... 100

## SUBJECTS OF EXAMINATION.

## JUNIOR MATRICULATION.

## DEPARTMENT I.-CLASSICS.

Lucian, Charon and Life. IIOMED, Iliad, B. I.

Crezer, for the Manilian law. Vreair, 再neid, B. II.

Translation from English into Latin Prose.

## DEPARTMENT II.-MATHEMATICS. arithmetic and algebra.

Arithmetio.
First four Rules of Algebra, and Simple Equations (Todbunter's Algebra for Beginners). GEOMETRY.

Euchid, B. I. (Colenso's, Potte's, or Todhunter's).

DEPARTMENT III.-MODERN LANGTAGEB. ENGLISH.
Grammar.
FRENCH.
Grammar and Exercises. (De Fivas).
Voltaire, Histoire de Charles XII., Liv. VI. VII. VIII.
Cornmiles, Horace, Acts I., II.

## DEPARTMENT IV.-BISTORY AND GEOGRAPHY.

Outlines of English History to the present time.
" Roman History to the death of Nero.

* Grecinn History to the death of Alezander.
" Ancient snd Nodern Geograply.
French is necessary for those who may sulstitute "Hodern Langunges," for "Clussice," after the Second Year.
Candidates for Honors and Scholarslips at the Junior Matriculation Examination will be examined in the following additional subjects :


## DEPARTICENT I.-GREER AND LATIN LANGUAGES.

Xemopaon, Adabasis, B. I , Chaps. VII., VIII., IX., X.
Howzz, Odyesey, B. IX.

Livy, B. II., Chaps. I. to XV., inclusire.
Hozace, Odes, B. I.
Ovid, Heroldes, I., XIII.

Two passages, one in Greek and the other in Latir, selected by she Examiners from anthorn or works not apeoified.
Translation from English into Lntin Verne. or Paper on Grammar at the option of the Candidate.

## DEPARTYEIT IL.-TATRATATICB. ALGEBRA.

Proportion and Progrezsion. Quadratio Equations.

Euglid, Bb. II., III. and IV. GEOMETRY.

## DEPARTMENT III.-MODERN IANCEAGES. ENGLISII.

Grammar and Composition $\qquad$

DEPARTMENI IV, - EISTORY AND GEOGRAPEY.
Engllsh History under the Houses of Tudor and Stuart
Geography of the British Empire, including her Colonies.

## FIRS'I YEAR, OR SENIOR MATRICULATION.

## DEPARTMENT I.-CLASSICS.

Xenophon, Annbasis, B. V. Honer, Iliad, B. VI.

Livy, B. V., Chaps. I. to XXV., inolusive.
Horace, Odef, B. III.
Ovid, Fasti, B. I.
Trauslation from English into Latin Prose.

## DEPARTMENT II.-MATHEMATICS.

Arithmetic.
Algebra. (Todhunter's Algebra for Beginners).
Euclid, Bb. I., II , III., IV., and VI., and Def. of V. (Colenso's, Petts's, or Todhunter's.)
Plane Trigonometry, as far as solution of Plane Triangles. (Cherriman's.)

## DEPARTMENT III-MODERN LANGUAGES.

ENGLISH.
Composition.
Orthographical, Etymological, and Rhetorical Forms of the English Language. (Fowler's English Language, Parts III., IV., VII.)

History of English Literature from Elward III. to James I., inclusive. (Craik's English Literatnre and Language.) Books of Reference.-Craik's Ilistory of Literature and Learning in England, Books III, IV., V. Marah's

English Language and Literature, Lects. VI. to XII.
FRENCH.
Grammar. (De Fivas).
De Stä̈l, L'Allemagne, Ire Partie.
GERMAN.
Grammar. (Aue's Elementary)
Adler's Reader, Part II.
IIstory of Germnn Literature. (Thimm's Literature of Germany.)

## DBPARTMENT V.-NATURAL SOIENOES.

## ELEMENTS OF NATURAL HIBTORY.

As in Second Year, p. 12

## departiment vi-ORIENTAL LANGUAGES.

HEBREW.
Grammar to end of irregular verbs. (Gesenius's).
Genesis, Chaps. I., II., III., IV., V.
Psalms, I., II., III., IV , V.
Outlines of the History of the Hebrer Language and Literature to the Christian mors.
FIXED COURSE.
The Fixed Courve in the First Year or for Bonior Matrioulation oomprehenda the following Departmonts and sab-Departments :

Clasales ; Mathematios ; Engish and French Languages ; Eloments of Natural Biatory.
variable course.
Senior Matriculants, and those Students who did not take French at the Junior Matriculation Examination, are required to take either French or Helirev. German u necessary for thove who may substitute "Modern Liainguages" for "Classics" ofler the Second Year.

The Elements of Natural History are necessary either in this or in the Second Year.
Students may in this year, at their discretion, pass their Examination in any necessary Sub-department preecribed for a succeeding year.

Candidates for Honors and Scholarshin: at the Examination for the First Year wr for Senior Matriculation will be examined in the following additional subjects:

DEPARTMEET I.-CLAGBIOS.

| L.dolan, Timon. | Livy, B. V., Chapa. XXVI. to LV., inclusive. |
| :--- | :--- |
| Homra, Odyney, B. XII. | Ciozao, for Arohias. |
|  | Vinail, Enelí, B. IX. |

Two pasaagen, one in Greak and the other in Latio, aoleoted by tho Examinern from authore or worke not arecised. Tranalation from Eoglish into Letio Vorse, or Paper oa Orummar at the option of the Caodidate.

# first ybar, or senior matriculation. <br> DEPARTMEET II.-MATHETATICS. <br> Algebra. (Colenso's.) <br> Plane Trigonometry. (Colensu's or Todhunter's.) 

## DEPARTMENT II.-MODERI LANGUAGES.

## ENGLISH.

Prosody. (Fowler's English Langusge, Part VIII.) Book of Reference. - Guest's History of English Rhythms. History of English Literature prior to Chaucer. (Craik's Mistory of Literature and Learning in England, Bb. I., II.) Book of Reference.-Narah's English Language and Literatnre, Lects. III, to VII.
*Analyais of one of Shakspeare's Plays.
Morris's Prologise to Canterbury Tales (Clarendon Press Ed.)
FRENCH.
Voltalre, Alzite.
Alfred DeViany, Cinq-Mars.
Translation from English into French.

## german.

Schilen, Lied von der Glocke, and Neffe als Onkel.
Translation from Fuglish into Germnn.

## DEPARTMENT V-NATUBAL SCIENCES.

CHEMISTRY
Inorganic Chemistry. (Roscoe's Elements, or Maoadam's Wilson.)
Chemistry se neceseary for those who purpose offering themselves of Candidates for Ilonors or Schelarships at the Examination in Natural Sciences for the Second Year.
elements of natural histori.
As in Second Year, p. 14.

## departyent vil.-ORIENTAL LANGUAGES.

hebrew.
Genenis, Chapu., VI, VII., VIII. Panlme, Vi., Vil., VIII.

[^0]DEPABTMENT I.-CLASSICS.
Demosthexes, Philippics, I , II. . Ctorbn, agalnst Catiline, I., and for Ligarius.
Hoxer, Odjssey, B. XXI.
$\therefore$ Vireil, Georgics, B. IV.
Translation from English Into Latin Prose.

## DEPARTMENT II.-MATHEMATICS.

Statics, Dynamics. (Cherriman'e.)

## DEPARTMENT III.-MODERN LANGUAGES.

 french.Grammairo et Exercices, (Pujol.)
Antonin Roche, Prosateurs Français, (19th century.)
Demogeot, Littérature Française (Sixth Period.)
Translation from English into French.
german.
Grammar (Aue's Larger.)
Adler's Reader, Part IV.
Evans's Abriss der deutsohen Literaturgeschichte, pp. 1-108.
Translation from English iuto German.

## DEPARTMENT IV.-HISTORY.

Outlines of History to the Discovery of Amerios. (Sohmilti's Manual of Ancient History.)
Oaigin of Civilization : Book I., Chape. I., III., IV., VI., VIII.
Oreser: Persian W.r to Aobrean League. Book II., Chaps. IV., VI. to XII.
Rome: Subjugation of Ithiy to accession of M. Aurolius. Book III., Chapa. VI. to XVIL.
Medieval: ILallam'e Middle Agea, Chap. I., Part 2. Chape. V., VIII.
Books of Reference.-Smith's, Groto'e, and Thirwall's Greeoe.
Liddell's, Merivale's, and Mommseo's Rome, Cibbon's Decline and Fall.

## DEPARTMENT V.-HATURAL BOIENORS.

## ELEMENTS OF MINERALOGY AND OEOLOGY.

The properties and distiuctive oharacters of the commonly osourring minerals' and metallio ores.
The atruotural ojaractera, conditions of ocourrence, and olassification of rooks generally.
Geological phenomena now in action, with theory of springs, currents, tides, winds, de. Dana's Manual of Mineralogy; Lyell's Elementary Ceology; Buff'b Pbybies of the Earth.

A dolailed eynopsie of Profesoror Chapman's lectures may be obluined by application to the Regitrar.
elements of matural ilistory.
Elements of General and Comparative Physlology.-Azasela and Could's Comparative Phyoiology.
Elemonts of Botanios! Ssience, atrusturai and aystomatio.ul.-Gray's First Lasisas in Brtany ; Lladioy; Olagition-
tion ; Beatham's Outlines of Eiementary Botnuy.

## DEPARTMEIT VI.-IOGIC, YRTAPHYEICS, AND ETHICS.

LOGIC.
Murrat, Logio. (Walker's edition).
METAPHYSICS AND ETHICS.
Lockr, Bb. II., III., and IV. Wayland, Moral Science.

## DEPARTMEHT VII.-ORIENTAL LANGUAGES.

HEbREW.
Grammar continued to the end of Syntax.
Genesis, Chapteri XXXVII., XXXIX., XL.
Paalms, X. to XX., inolusive.
Spirlt and Characteristlos of Hebrew Poetry. (Hirsclfelder's).
FIXED COURSE.
The Fixed Oonrse in th3 sesond Year comprehends the following Departments and Sub-dopartments:
Classtos: Mathomatlos; Fistory: French Language; Elements of Mineralogy and Coology; Logic, Metaphysion, and ethtos.

## Variable course.

German ie necessary for those who may substitute "Modern Languages" for "Clussics" after this year. Those who taks ETebrew may omit French and German, but muet tak; Clatsics.
The Elomente of Natural Uistory are necessary for those who did not take them in the First I'ear.

Candidates for Honois and Scholarships at the Examination for the Second Year will be examined in the fuilowing additional subjects:

## DEPARTMENT I.-CLASSICS.

Demostheres, Phllippic, III.
Xenophon, IIellc.ior. B. I.
Ilomir, Illad, B. XXII.

Crozro, Philippic, 11.
Vinail, Georgles, B. I.
Hornoz, Odes, Bb. Il., IV., and Epodes.

Two passages, one in Greek nod the other In Latin, selecied by the Examiners from authors or worke not specified. Tranalation from English into Latin Verse, or Paper on Grammar, at the option of the Cinndidate.

DEPARTMENT II.-MATHEMATICS.
Analytioal Conio Sections. (Puckle's).
Newtox, Principia, section I. (Evans's edilion).
Elements of Differentinl and Integra: Calculus, (Ilemming'r).
Newrox, Prinoipia, bestlons II. wis III. (Evans's edition).

FRENCII.
La Bauyèsz, ohapitre 1er, Des Oavrages de l'Eaprit. La Fontaine, Liv. I., IL., III. IV., V.; VI.
german.
Ans Gorthz's Italienischer Reise.-Ed. Buchheim.
Composition.

## DEPARTMENT IV.-HISTORY.

European History from Rise of Mohammedaniem to Aocession of Charles V. to the Empire. (Taylor's Manual of Modern History, Chaps. II. to VI ; Prescot's Robertson's Cbarles V. (Introduction); Hallam's Middie Ages, Chap. I. Part I. ; Chaps. II., III., IV., VI.

Book of Reference,-Gibbon's Decline and Fall.

## DEPARTMENT V.-NATURAL SCIENOES.

mineralogy and geology.
Rudiments of Crystallography.
Elementary Prinoiples of Palcoontology.
Elements of Pbysioal Geography. (Dana's Manual ; Johnston's Elementary Atlas of Physioal Geography ; Synopsis of Profensor Chapman's Lectureas).

ELEMENTS OF NATURAL HIBTORY.
Elements of Vegetable Anatomy and Phyeiology; Lamellibrancliate and Gasteropod Mollasks.
Books of Refarence.-Gray's First Lessons, pp. 128-171; Woodward's Recent and Fosall Shells; Ogilvie, The Mater-Builder's Plan.

## DEPARTMENT VI-LOGIO, METAPRYSICS, AṄD ETHICS.

Thonson, Outline of the Lave of Thought.
Temanann's History of Philcsophy to the end of tie Scholastic period. - Morell'a edition.
DesCartas, Method, Meditations, and Prinoiples.

## DEPARTIERT VII-ORIENTAL LANGUAGES. hebrew.

Genesis, Clap. XLIX.
Paalme, XXI. to XXV. inolusire.
Literary History of the Principnl Ilebrew writers nfter the Cliristinn ara.

## TIIIRI) Year.

## DEPARTMENT I.-OLABAICS.

llazodotus, B. VI. Evaipides, Alcoatis.

Livy, B. XXI.
Homacz, Sativen, B. II, and Epiatlea, B. I.
Tranalation from Englithiuto Lutin Prono.

## DEPABTMENTY II.-MATHEMATIOB.

Hydrostatios.-Chambers's Educational Course.
Optics. Ditto.

DEPARTMENT III-MODERN IANGUAGES. FRENCH.
Composition.
Racine, Iphigenie.
Antonin Roche, Prosateura Français, 18me Siècle.
Demogeot, Littérature Frangaise, (5th period.) GERMAN.
Grammar.
Evana's Abrias der dentschen Literaturgeschichte, pp. 109-228. Sobiller, Jungfrau von Orleana.
Tranalation from Engliah into German.

## DEPARTMENT IV.-HISTORY.

Outlings of Modern History.-(Taylor's Students' Msnual of Modern History, Chapa. VI. to X., Chap. XII. W. D. Hanuilton's Outlines of English History.)

Book of Reference.-Hallam'a Conatitutional History, Chaptera I., V. to IX., XII. to XVI. inclualv.

## DEPARTMENT V.-NATUBAL SOIENOES. CHEMISTRY.

Chemiatry and, Chemical Phyeica. (Roscoe's Elements ; Lardner's Hand-Book of Heat and Eleotricity, or Miller's Chemical Phyaice.)

## NATURAL HISTORY.

Comparative Phyaiology, sccompanying a Syatematical View of the Animal Kingdom.
Vegetable Organography nud, l'hysiology.
View of the Vegetable Kingdom.
Books of Reference.-Van der Ifooven's IIfandbook of Zoology ; Jonea's Animal Kingdom ; Carpenter's Zoology; Gray's Botnnioal Text-Book.

DEPALTMENT VL-METAPEYSIOS, ETHIOS, \&C.
METAPIIYSICS AND ETHICS.
Reid, Inteileotual Powers.
Stawant, Moral and Active Powera.
CIVIL POLITY.
Roanne, Mnnual of Pulitical Economy.
NATURAL THEOLOGY AND EVIDENCES.
Paley, Natural Theology.
" Evidences.

THIRD YEAR.

## DEPABTMENTY VII-ORIBNTAL LANGUAGES. <br> HEBREW.

Psalms, XL., CXXXIIT., CXXXVII.
Isaiak, Chaps, IV., VII., XIV., LII., LIII.

## FIXED COURSE.

The Fixod Course in the Third Year comprehende the following Departments and Sub-departments :
Clasulos ; Mathematies; Fistory and Ethnology ; Pronch Language: Chomistry; Motaphysios, Elements of Civil Polity, Natural Thoology and Evidences of Chritatanity.

Variable course.
Those who are not Candidates for Honors may exerciss an option between Classes and Modern Languages. Those who take Hebrew murt take Classics. An option is also permitted between Nathematice of the Third and Fourth Years, and between Natural History of this year and Mineralogy and Geology of the Fourth Year.

Candidates for Honors and Scholarships at the Examination for the Thirl Year will be examined in the following additional subjects:-

## DEPARTMENT I.-CLASSIC3.

Plato, Apology.
Polybive, Soipio in Spain.
Eschilus, The Persians.
Sophocles, Edipns Tyrannus.

Livr, B. XXXI.
Tactrus, Hiatories, B. I.
Tramen, Andrian.
Horaoz, Snt. B. I., and Epiat., B. II.

Two paseages, one in Greek and the other in Latin, selected by the Examiners from authors or works not specified. Translation from English Into Latin Verse, or Paper on Grammar at the option of the Candidate ; and Translation from English into Greek Prose.

## DEPABTMENT II.-MATHEMATIOS.

Difiorential and Integral Caloulua.-Do Morgan'a or Priec's $\rightarrow$ for reference. Analytical Geometry of tro and three dimensions. (Salmon's and Hymer's.)
Theory of Algobraic Equations. (Todhanter's.)
Analytionl Statios. (Toihunter's.)
Dyammios of a Partiole. (Sandoman's)
Goometrioal Optics. (Parkinson'o.)
Hydrostatios. (Miller's or Bessint's. )

## THIRD YEAR.

## DEPARTMERT III-MODERE LAMGUAGES.

FRENCH.
La Bruyerer, Chapitrea VIII. et IX., De la Conr, Des Grands.
Racinx, Esther, Bajazet.
MolizaE, Le Mianntbrope.
Conversation in French.
Passages from authors or works not epecified.
Componition.
GERMAN.
Leabina, Emilia Galotti.
Käanze, Leyer und Schwert.
Passnges from aathors or works not speoified.

Grammar, -Zotti's Italian and French.
italian. Goldoni, La Villeggiatura.
Metastasio, La Clemenza di Tito.

## DEPAETMENT IV.-HISTORY

Thirl Year will
I.
d Epiat., B. II. works not apecified. te ; and Tranalation

British History, from the Acceasion of Charles I. to the Revolution. (Hallam's Constitutional History, Cbaps. VII. to XV., Maenulay's History.)
Ancient and Modern Etano:ogy. (Latha n's Ethnelogy of Europe; Latham's Man and his Migrations; Max Muller's Science of Language, First Series )
Books which may le consulled.-Pritohard's Researchea into the Physical History of Man ; Pritchard's Enstern Origin of the Celtio Language, Latham's El.; Newman's Regal Rome; Latham's Varieties of Man; Latham's Ethnology of Britis't Isles; Niebuhr's Ethnography ; Wilsnn's Prehistoric Man, 2nd Ed.

## DEPARTMENT V-NATURAL BOIENOES.

CUEMISTRY.
Chemistry and Cliemical Pussics. Books of Reference.-Fownes's Elementa of Chemistry ; Naquet's Chemistry.

## NATURAL IIISTORY.

Comparative Physijlogy :-The Animal Ki ig.lom.
Vegetable Organography and Physiulogy.
The Vegetable Kingdom, with special refere ice to Cuandian Botany.
Clark's Transintion of Van der Hœeven': Hand-Book of Zoology ; Carpenter's Zoology ; Gray's Botanical Text Book.

## DEPARTMENT VI.-METAPHYSIOS, ETHIOS, AND OIVIL POLITY.

## METAPIISICS AND ETHICQ.

Lookn, B. I., with Couain's Critique on Looke.
Stiwant, Disastation on the History of Intellectual Pbilesophy.
Maoinforin, Dissertation on the Progress of Ethical Soienoe.
Scuwraler, Ilistory of Philosoply, Cbap. XXIII, to end.
civil polity.
Mill, (J. S ) Political Eoonoing, Book I.

## DEPABTIEAT VIL-OBIRETAL LANGUAGES. chaldee.

Grammar. - Winer's.
Daxiri, Chapg. II. and III.
Hietory of the Chaldee Languago and Literainre.
A Candidate for Ilonors in Departments 1., II, III., and IV., V. or V1., who has aleo obtained Honors in the eame Departnient or Departmente at the Examination for the Second Year, moy omit all other Departments or Subdepartmente, except Chemiatry, Elements of Civil Poliy, and Nutural Theology and Evidence', but those who have taken Second Class Ilonors, must luke an additional Sub-department, which they may eelect.

A Candidate for Ilonors in Departments 1, II., III, and IV., V. or VI., who has also obtained Firat Clase Honors in more than one Department al the Examinution for the Second Year, may omil all other Departments or Subdepartmente, except Natural Theoloyy and Evidences.

## FINAL EXAMINATION 9 O CANDIDATES F(OR DEGREE OF B.A.

## DEPARTMENT I.-CLABSICS.

Trucydides, R. V. Sophocles, Antigone.

Tacitub, Annale, B. I.
Juvenal, Sat. III., Vil., Vili., and X.
Tranaiation from English into Latio Prose.
DEPARTMENT II.-MATHEMATICS.
Aooustics.-Chambers's Educsitional Course.
Astronomy.-Hersohel's Outlines.

## DEPARTMENT III.-MODERN LANGUAGES.

## ENGLISH.

Prinoiples of Composition, Grammar, and Etymoiozy, from seleoted paseagen.
History of the Formation of the English Languago and its Philological Elements. - Fuvier's Engiish Language, or Latham's English Lavgusge.
History of Literature from Qucen Anne to the prearnt time - Craik's Englith Literature and Languago. Booke of Reference. - Marsh'a English Language and its eariy Litersture; Craik's Hisiory of English Litesuture.

FREN: H .
Comporition.
Coakrilem, Le Cid.
Antodin Roohe, Prosatenrs Fraognis, to 18th Contury.
Demogeot, Litterature Frargaise, 4th periud.

Grammar.
Composition.
Tircer, Der geatiofoite Kater.
Schislin, Wilholm Toll.
Evans'a History of German Literature..
For reforence.-Carlyio's Lile of Sohiller and Easage ; O. II. Lewes's Life of Goethe; Jorden's Lexikon' deutaoher Diohter und Prosnieten; Vilmar, Cesohichte der deutechen Nationai Literatur.

## DEPARTTEAT V.-NATURAL SCIENCES. mineralogy, geology, and physical geography.

Physioal and Chemical Charactern of Minerala, jncluding the application of Cryatallography, and the Conatruction of Chemical Formulæ.
Classification of Minerals.
General Principles of Geology fulls considered.
Palmontology.
Leading Principles of Pbyaical Geography, as embraced in the present aspect and coodition of the Earth.
Books of Reforence.-Dana's System of Mineralcgy, 4th Ed.; De la Beche's Geological Observer; Lyell's Principles and Elementa of Geology; Somerville's Physical Geogrephy ; Jobnson's Abrldged Atlas. Syaopais of Prof. Chapman'e Lectures.

CHEMISTKY.
Applied Chemistry. Book of Reference.-Knspp'a Technology.
METEOROLOGY.
Loomis, Meteorolcgy-Chepters I. to V. inclusive.
DEPARTMENT VI.-METAPHYSICS, ETHICS, AND CIVIL POLITY.
CIVIL POLITY.
Smitr, Wealth of Nations. Bb. I., II., III., and IV.
Cox, Britiah Commonvealth.

## DEPARTMENT VII.-ORIENTAL LANGUAGES. HEBREW.

Job, Chapters III., IV., V., VI., VII.
Proverbs, Chapters I , II.. III.
Ecclesiastes, Ghaptera I., II., XII.
FIXED COUAZE.
The Fixed Course in the Fourth Year comprehends the following Departminta and Sub-departments:
Crasuica; Mathsmatics ; English and French Languagen.
VARIABLE COURSE.
Those who are not Candidates for Honors may take any three Departmenta ; but two of them must be a6lected from the following four :-" Classicp," "Mathematics," "Mcdern Lenguages " and "Natural Sciences." Those who take Hebrew must also take Classics. Those who lave not taken Mathematica in the Third Year, mnst talse Mathematics चith Meteorology in this year. Those who huve not taken Natoral History in the Thlrd Year must take Mineralogy, Geology, and Phyaical Geography, with Applied Chemlstry, iu this year.

Candidaies for Honors at the Final Examination will be examined in the following additional Subjects:

## DEPARTMENT I.-CLABSICS.

Hznodotus, Bb. VI., IX.
Thuordidie, Bb. V., VII.
Xenophon, Hellenics, B. I.
Anabaals, B. V.
Ponybius, B. X.
Asohinss, againat Ctesiphon.
Demosthemes, on the Grown.
Aristotle, Rhatoric, B. II. Politios, B. II.
Platn, Apology.
Homla, liad, Bb. vi., XXII.
Odyosey, Bb. XII., XXI.
Hearuv, Works and Daye.
Sheortive, the Perelans and Prometheus.
Euaipinat, Alceatis and Midea.

Sallubt, Jugurtha.
Livy, Bb. V., XXI., XXXI.
Tacitve, Histories, B. I. Annale, B. I.
Cicern, for Archias, for Ligarius, and Philippic II. de Oratore, B. II. de Legibas.

- Epistler, ad Familiares, B. XIV.

Pliny, Epintles, B. VI.
Lucemtive, B. V.
Viroil, Eneid, Bb. IX., XII.
Georgica, Bb. I., IV.
Edogues, L., IV., IX.
Plautus, Aulufaria.
Tenence, Andrian.

Sophoolss, CEdipus Tyrannus and Antigone.
Amietopaamis, the Knights,
Pixdar, Olympic Odea.
Tazocaitve, Idylls, I., IV., VI.
Biox, Idyll, I.
Mosozon, Idylla, I., III.
Greek Epigraphy.

Homace.
Preaios, Sat. I., Ill., V.
Jorimal, Sat. III., VIL., VIII., X.
Catdlede, IV., IX., XIV., XXXI., LXV., CI.
Tibulete, B. I. 10, B. II. 1., B. III. 3.
Propirtive, B. III. 1., B. III. 22, B. IV. 6.
Latin Epigraphy.
Four passages, two in Greek and two in Latin, seleoted by the Examiners from authors or works not speoified. Translation into Greek anil Latin Verse, or two Papors on Grammar, one in Greek and the other in Latin, at the option of the Candidate.

## DEPARTMENT II-MATHEMATIOS.

Arithmetic.
Algebra. (Colenso's)
Plane Trigonometry. (Colenso's or Todhunter's.)
Spherical Trigonometry. (Todhunter's)
Conic Seotions. (Puokle's.)
Analytloal Geometry. (Salmon's and Hymer's.)
Difforential and Integral Coloulus.
Newron, Prineipia, sections IX. \& XI. (Evans's Edition.)

Theory of Algebraic Equations. (Todhunter'e.)
Newton, Principia, sect. I., II., III. (Evang's Edition.) Statics. (Todhunter's.)
Dynamios. (Sandeman's and Griffin's.)
Hydrostation and Hydrodynamios. (Miller's or Besant's.)
Geometrioal Optios. (Parkinson's.)
Aooustics. (Herschel's or Peirce's.)
Plane Astronomy. (Hymer's.)
Lunar Theory. (Godfrey's)

## DEPARTMENT III.-MODERN LANGUAGES.

enalisi.
*Critical Analysis of two of Shakspeare's Hiatoriobl Playe.
*Critioal Analysis of Poems of Spencer, Milton, Pope, Cowper, and Wordsworth.

* 1870—King John and Heary VIII.

Spenser's Faerie Queed, B. II., Can. VII.
Spexatr's Shepherd'a Calendar, Eologue IV.
Milutos's Paradise Lost, B. VIII.
Milion's Comus and Sonnets.
Pors's Danclad, B. IV.
Popre' Eesay on Criticism, Part II.
Cowpre's Taok, Bb. II., V.
Cowpre's Table Talk.
Wordsworta's Ode, Intimations of Immortality. Wordaworth's Sonnets to Liberty, Part II. Nos. XI., XV., XXXII., XXXIII.

1871-Heary VI., Part III., and Riohard III.
sprnsza't Faerie Queen, B. I., Can. IV., V.
Spaxsae's Shepherd's Calendar, Eologue V.
Miltox's Paradise Lost, B. IX.
Milton's Lyoldas.
Pora's Esany on Man, Epistle I.
Cotrese's Tabk, Bb. IV., V.
Cowras's On Receipt of my Mother's Pictare.
Wozdsworth's Excursion, B. IV.
Wordaworth's Soninets to Llberty, Part I., Nos. I., VI., XII., XIV., XV.

1872-Henry IV., Part II., and Henry V.
Spanser's Faerie Queen, B. I., Can. IX., X.
Spanseiz's Shepherd's Calendar, Eologue VI.
Milton's Paradise Lost, Bb. XI., XII.
Milros's Ode on the Nativity.
Pope's Dunciad, Bh. I., IV.
Pope's Moral Essays, Epist. V.
Cowpse's Task, Bb. II., ILi.
Comper's Conversation.
Wordsworth's Resolution and Independence.
Wordsworth's Sonnets to Liberty, Part I. Nc: VI., XIV., XVI., XIX.

1873-Richard II., and Henry VI., Part III.
Spensea's Fierie Queen, B. VII., Matabilitie, Can. VII.
Spenser's Shepherd's Calendar, Eologue X.
Mluton's Paradise Lost, Bb. I., II.
Militov's Lyoidas and Sondets.
Popr'e Duncisd, Bb. III., IV.
Popz's Prologue to the Satires.
Cowper's Takk, B. V.
Cowpsr's Retirement.
Wordswortr's Intlmitions of Immortality.
Wordsworta's Tintera Abbey.

## FBENCE.

Lamartize, Voyage on Oriońt. Ier Volume.
Antonin Roche, Poètos Frangais.
Monitay, J'Avare. .
Tomsamb, L'honneur et L'argent.
Passages from anthors or works not specified.
Conversation in French.
All questions, whether oral or wrillen, must be answered in French.
GERMAN.
La Motte Fouque, gintram und seine Gefährten.
Schinhar Gesohiohte de, dreiszlejährigen Krieges, B. I.
Gortae, Iphigenie auf Tauris.
Wieland, Oberon.
Passages from authors or works not specified.

## italian.

Manzoni, I Promesai Sposi, I.-XX.
Tasso, Gerusalemme Liberata, Canto XII.
Dante, Inferno, Can. I. to VII., inelusive.
Alpiari, Agamennone.
Goldoni, Il Barbero Benefico.
Translation from English into Italian.
History of Italian Literature.-Sismondi's Literature of the South of Europe, as far as Chap. XV.
SPANISH.
Grammar (De Vere's) add transiation from English into Spanish.
Quintana, Vide del Cid, and El Gran Capitan.
Moratim, El Si de las Nifiac.
History of Spanish Literature.-Sismondi's Literature of the South of Europe, as far as Chap. XXX.
Comparison of Etymological nnd Grammatioal Forms in Latin, Provençal, French, Italian, an'l Spanish. Sir $G$. Cornewall Lewis's Origin and Formation of the Romance Languages.
A Condidote for IIonors in Modern Languages is not required to take both Italian and Spanish, but either, at his option.

## DEPARTMENT V.-NATURAL SOLENOES.

CHEMISTRY.
Vegetable and Animal Chemistry. Books of Reference.-Fownes's or Naquet's.
Qualitative Analytical Chemistry. (Croft's Practical Chemistry.) Books of Reference.-Fresenius's or Noad's Qualitative Analysis.
Organio Chemistry. (Roscoe's Elements.) Book of Reference.-Fownes's Mapual.

## NATURAL HISTORY.

Comparative Anatomy, Phyeiology, and Histology.
Natural Families of Plants, with their oharacters, distribution, and properties.
Books of Reference.-Cnrpenter's Principles of Comparative Physiology ; Quekett's Lectures on Histology ; Carpenter on the Microscope ; L'ndley's Vegetable Kingdom.

## Mineralogy and geology.

Mathematios of Cryatallography, comprising the calculation of cryatal axes and angles.
Geology of North Amerioa, with Rock Formations, and Economic Minerale of Canada considered in detail.
Prof. Chapman's examples of the application of Trigonometry to the calculation of cryatal axes ; Geology of
Canada, by Logan and Hunt.

Candidates for Honors in Meteorology, with a view to the Prizes, are required to be prepared in the following sutjects:Treatise on Meteorology, by Professor Loomis. Books of Reference.-Herechell's Meteorology; Dove on the Distribution of Heat; Dove on the Laws of Storms.

They must also shew a practical acquaintance with the process of taking ond regittering the ordinary meteorological observations.

## DEPARTMENT VI.-METAPHYSICS, ETHICS, AND CIVIL POLITY.

Thomson, Outline of the Laws of Thought.
Bacos, Novam Organon.
DasCartes, Method, Meditations and Principles.
Looze, with Cousin's Critique.
Reid, Intellectaal Powers, with Sir W.Hamilton's Notes, (last ed.)
Stewart, Morsl and Active Powers.

Jourgroy, Introdaction to Ethics.
Kant, Critique of Pure Reason.
Morell, History of Philosophy.
Schwealer, Ilistory of Philosophy.
Tennemann, " " Scholastic period.
Lieber, Political Ethics.
Mula, (J. S.) Political Economy.

## DEPARTMENT VII-ORIENTAL LANGUAGEE.

IIEBREN.
Jozl, Chaps. I, II., III. IV.
Jonar.
Zachariah, Claps. I., II.. III., IV.
Chaldee.
Daniel, Chapg. IV., V.
Erra, Chaps. IV., V.
sYRIAC.
Grammar.-Phillips's.
The Parables in the Now Testament.
Hintory of the Syriac Language.
4 Candidate for Honors in Departments I., II., III., V., or V1., who has also obtained Honcrs in the same Department or Departments at the Examination for the Third Year, may omit all other Departments.
N.B.-This Statute will come into force at the Examinations to be held in May, 1870,
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[^0]:    - 1870. King Lear. 187 I. Juliun Casar. 1872. Merchant of Yenice. 1878. Macbeth. 1874. Timon of Athene.

