

(No. 17.)



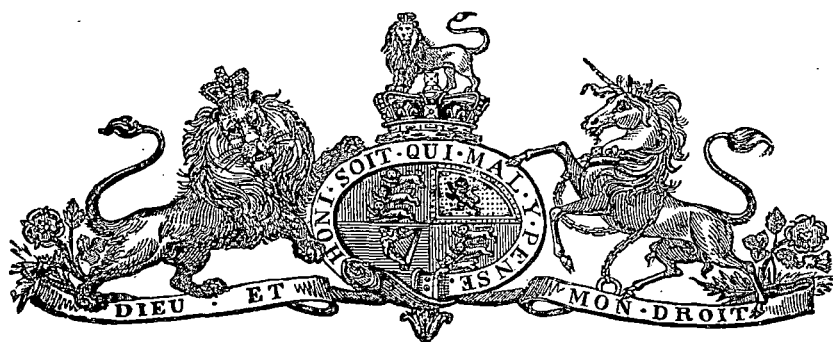
1858.

T A S M A N I A.

UNIVERSITIES OF CAMBRIDGE AND OXFORD.

EXAMINATION OF STUDENTS NOT MEMBERS OF THE
UNIVERSITIES.

Laid upon the Table by Mr. Miller, and ordered by the House to be printed,
16 September, 1858.



UNIVERSITY OF CAMBRIDGE.

THE following are the Regulations for the year 1858 concerning the Examination of Students who are not members of the University:—There will be Two Examinations, commencing on Tuesday, December 14, 1858—one for Students who are under sixteen years of age, and the other for Students who are under eighteen years of age. Students will be examined in such places as the Syndics appointed by the University may determine. After each examination the names of the Students who pass with credit will be placed alphabetically in three honour classes, and the names of those who pass to the satisfaction of the Examiners, yet not so as to deserve honours, will be placed alphabetically in a fourth class. After the name of every Student will be added his place of residence, and the school (if any) from which he comes to attend the examination. In determining the classes, account will be taken of every part of the examination; but no credit will be given for knowledge in any subject, unless the Students show enough to satisfy the Examiners in that subject. Regard will be paid to the handwriting and spelling throughout the examinations. The Students who pass with credit, or satisfy the Examiners, will also be entitled to receive certificates to that effect. Every certificate will specify the subjects in which the Student has passed with credit, or satisfied the Examiners, and the class in which his name is placed. Every one admitted to examination will be required to pay a fee of 20s.

Examination of Students who are under Sixteen years of age.

Students must be under sixteen years of age on the day when the Examination begins.

PART I.—*Preliminary.*—Every Student will be required to satisfy the Examiners in—

1. Reading aloud a passage from some standard English prose author.
2. Writing from dictation.
3. The analysis and parsing of a passage from some standard English author.
4. The first four rules of Arithmetic, simple and compound, Vulgar Fractions, Practice, and the Rule of Three.
5. Geography.—Every Student will be required to answer questions on the subject, and to draw from memory an outline map showing the coast line, the chief ranges of mountains, and the chief rivers of one of the countries in the following list:—England, Scotland, Ireland, Europe, Asia, Africa, North America, South America, Australasia.
6. The outlines of English History since the Conquest; that is, the succession of sovereigns, the chief events, and some account of the leading men in each reign.

PART II.—The examination will comprise the subjects mentioned in the following ten sections; and every Student will be required to satisfy the Examiners in three of those sections at least, but no one will be examined in more than six. Section 1 must be one of the three, unless the parents or guardians of the Student object to his examination in that section:—

1. Religious knowledge.—Questions will be set on—
 - (a.) The two Books of Samuel, the Gospel of St. Matthew, and the Acts of the Apostles.
 - (b.) The Church Catechism.
 - (c.) Whately's *Easy Lessons on Christian Evidences*.

Every Student who is examined in this section will be required to satisfy the Examiners in the subject marked (a), and in one at least of the subjects marked (b) and (c).

2. English.—Every Student who is examined in this section will be required to write an original English composition. He will also be examined in English History, from the Battle of Bosworth Field to the Restoration; Physical, Political, and Commercial Geography; Trench, *On the Study of Words*.

3. Latin.—Passages will be given from Sallust's *Bellum Catilinarium* and Virgil's *Æneid*, Book VI., for translation into English, with questions on the parsing, and the historical and geographical allusions. Also an easy passage for translation from some other Latin author. And a passage of English, with Latin words supplied, for translation into Latin.

4. Greek.—Passages will be given from Xenophon's *Anabasis*, Book II., and Homer's *Iliad*, Book VI., for translation into English, with questions on the parsing, and the historical and geographical allusions. Also an easy passage for translation from some other Greek author.

5. French.—Passages will be given from Voltaire's *Charles XII.* for translation into English, with questions on the parsing, and the historical and geographical allusions. Also a passage from some modern French author for translation into English. And easy English sentences for translation into French.

6. German.—Passages will be given from Lessing's *Fables*, prose and verse, for translation into English, with questions on the parsing. Also a passage from some modern German author for translation into English. And easy English sentences for translation into German.

7. Pure Mathematics.—Every Student who is examined in this section will be required to satisfy the Examiners in Euclid, Books I. and II., Arithmetic, and Algebra to Simple Equations inclusive. Credit will be given for a knowledge of book-keeping. Questions will also be set in Euclid, Books III., IV., and VI., in Quadratic Equations, Progressions, Proportion, Plain Trigonometry, not beyond the solution of Triangles, the use of Logarithms and Mensuration.

8. The elementary principles of Mechanics and Hydrostatics.—Questions will be set, embracing the proofs of the leading propositions. In Mechanics they will not exceed beyond the parallelogram of forces, the centre of gravity, and the mechanical powers. In Hydrostatics they will not extend beyond the transmission of fluid pressure, the equilibrium of inelastic fluids and of floating bodies, and the description of the steam-engine and of simple hydraulic machines. A fair knowledge of Mechanics will enable a Student to pass in this section.

9. Chemistry.—Questions will be set on the elementary facts of Chemistry and the laws of chemical combination. Solutions will be given to be tested, containing not more than one acid and one base.

10. Zoology and Botany.—Elementary questions will be set on the description and classification of animals, their habits and geographical distribution; and on the mercantile and industrial uses of animal products. Also on the description and classification of plants, their uses and geographical distribution. British plants and parts of plants will be given for description.

PART III.—Students may also offer themselves for examination in—

1. Geometrical and Mechanical Drawing.
2. Drawing from the flat, from models, from memory, and in perspective.
3. The Grammar of Music.

Examination of Students who are under Eighteen years of age.

Students must be under eighteen years of age on the day when the examination begins.

PART I.—*Preliminary*.—Every Student will be required to satisfy the Examiners in—

1. Reading aloud a passage from some standard English poet.
2. Writing from dictation.
3. Analysis of English sentences and parsing.
4. Writing a short English composition.
5. The principles and practice of arithmetic.

6. Geography. Every Student will be required to answer questions on the subject, and to draw from memory an outline map of some country in Europe, showing the boundary lines, the chief ranges of mountains, the chief rivers, and the chief towns.

7. The outlines of English History; that is, the succession of sovereigns, the chief events, and some account of the leading men in each reign.

PART II. The examination will comprise the subjects mentioned in the following eight sections; and every Student will be required to satisfy the Examiners in three at least of the sections marked A, B, C, D, E, F; or in two of them, and in one of the sections marked G, H; but no one will be examined in more than five. Section A must be taken by every Student, unless his parents or guardians object to his examination in that section.

Section A.—Religious Knowledge.—The examination will consist of questions in—

1. The Historical Scriptures of the Old Testament to the death of Solomon. The Gospel of St. Luke, and the Acts of the Apostles; credit will be given for a knowledge of the original Greek.

2. The Morning and Evening Services in the Book of Common Prayer; and the Apostles' Creed.

3. Paley's *Horæ Paulinæ*.—Every student who is examined in this section will be required to satisfy the Examiners in the subject marked 1, and in one at least of the subjects marked 2 and 3.

Section B.—English History, from the battle of Bosworth Field to the Restoration; and the outlines of English Literature during the same period.

2. Shakspeare's *Julius Cæsar* (Craik's edition).

3. The outlines of Political Economy and English Law. The Examination will not extend beyond the subjects treated of in the first book of Smith's *Wealth of Nations*, and the first volume of Blackstone's *Commentaries*.

4. Physical, Political, and Commercial Geography.

A fair knowledge of one of these four divisions will enable a Student to pass in this section.

Section C.—1. Latin.—Passages will be given from Livy, Book XXI., and Horace, *Odes*, Book III., for translation into English, with questions on the historical and geographical allusions, and on grammar. Also passages for translation from some other Latin authors, and a passage of English for translation into Latin.

2. Greek.—Passages will be given from the *Olynthiacs* of Demosthenes, and the *Alcestis* of Euripides, for translation into English, with questions on the historical and geographical allusions, and on grammar. Also passages for translation from some other Greek authors.

3. French.—Passages will be given from La Bruyère's *Characters*, and Molière's *Misanthrope*, for translation into English, with questions on grammar. Also passages from some other French authors for translation into English, and a passage of English for translation into French.

4. German.—Passages will be given from Schiller's *History of the Revolt of the Netherlands*, and Goethe's *Hermann and Dorothea* for translation into English, with questions on the historical and geographical allusions, and on grammar. Also passages from some other German authors for translation into English, and a passage of English for translation into German.

A fair knowledge of one of these four languages will enable a Student to pass in this section.

Section D.—Every Student who is examined in this section will be required to satisfy the Examiners in—Euclid, Books I., II., III., IV., VI., and XI. to Prop. 21 inclusive, Arithmetic and Algebra. Questions will also be set in the following subjects:—Plain Trigonometry, including Land-surveying; the simpler properties of the Conic Sections; the elementary parts of Statics, including the equilibrium of forces acting in one plane, the laws of friction, the conditions of stable and unstable equilibrium, and the principle of virtual velocities; the elementary parts of Dynamics, namely, the doctrines of uniform and uniformly accelerated motion, of projectiles and collision; the elements of Mechanism; the elementary parts of Hydrostatics, namely, the pressure of elastic and inelastic fluids, specific gravities, floating bodies, and the construction and use of the more simple instruments and machines; the elementary parts of Optics, namely, the laws of reflection and refraction of rays at plane and spherical surfaces (not

including aberrations), lenses, the phenomena of vision; the eye, microscopes, and telescopes; the elementary parts of Astronomy, so far as they are necessary for the explanation of the more simple phenomena, together with descriptions of the essential instruments of an observatory; and Nautical Astronomy.

Section E.—1. Chemistry.—Questions will be set on the facts and general principles of chemical science. There will also be a practical examination in the elements of Analysis.

2. The experimental laws and elementary principles of Heat, Magnetism, and Electricity.

3. The elementary principles of Physical Optics according to the undulatory theory, and Acoustics, with descriptions of the fundamental experiments.

A fair knowledge of Inorganic Chemistry, or of one of the divisions 2 and 3, will enable a Student to pass in this section.

Section F.—1. Comparative Anatomy and Animal Physiology.—The examination will be confined to the active and passive organs of locomotion.

2. Botany, and the elements of Vegetable Physiology.

3. Physical Geography and Geology.

Explanations of geological terms will be required, and simple questions set respecting stratified and unstratified rocks, the modes of their formation, and organic remains. A fair knowledge of one of these three divisions, including a practical acquaintance with specimens, will enable a Student to pass in this section.

Section G.—Drawing from the flat, from models, from memory, and in perspective; and drawing of plans, sections, and elevations. Design in pen and ink, and in colour. A fair degree of skill in free-hand drawing will be required in order that a Student may pass in this section. Questions also will be set on the history and principles of the arts of Design.

Section H.—The grammar of Music. The history and principles of Musical Composition. A knowledge of the elements of Thorough Bass will be required in order that a Student may pass in this section.

Local Committees, wishing to have examinations held in their several districts, may obtain all necessary information from the Vice-Chancellor of the University. Applications on behalf of Students desiring to be examined at Cambridge must be made on or before November 1, 1858. Applications from Local Committees for examinations to be held in their districts must be made on or before October 1, and the probable number of Students to be examined must be then stated. The names of such Students must be sent to the Vice-Chancellor on or before November 1, 1858, together with statements of the subjects in which they will offer themselves for examination. The fees for all Students must be paid on or before November 1, 1858.

H. PHILPOTT, *Vice-Chancellor.*

Cambridge, March 25, 1858.

UNIVERSITY OF OXFORD.

THE University of Oxford have issued the following Regulations for carrying into effect the Statute "concerning the Examination of those who are not members of the University:"—

EXAMINATION FOR THE YEAR 1858.

The Examination will commence on Monday, the 21st of June, 1858. Junior and senior candidates will be examined at the same time; but the Papers for the two Examinations will be different.

EXAMINATION OF JUNIOR CANDIDATES.

(*For Certificates.*)

Candidates must be under fifteen years of age on the day when the Examination begins.

I. All candidates at this Examination will be required to satisfy the Examiners in—

1. Reading aloud a passage from Southey's *Life of Nelson*.
2. Writing from Dictation.
3. The analysis and parsing of a passage taken from Goldsmith's *Deserted Village*. A few questions will also be set on the allusions, &c. in the poem.
4. Writing a short English composition, such as a description of a place, an account of some useful natural or artificial product, or the like.
5. *Arithmetic*.—No candidate will be passed who cannot work the first four rules, simple and compound, whatever may be his excellence in other respects.
6. *Geography*.—Every candidate will be required to draw from memory an outline map showing the coast line, the chief ranges of mountains, and the chief rivers of some country to be named by the Examiners from the following list:—England, Scotland, Ireland, Europe, Asia, Africa, North America, South America, Australasia. Questions will also be set in Geography.
7. The outlines of English History: that is the succession of Sovereigns, the chief events, and some account of the leading men in each reign.

N.B.—The quality of the handwriting in the several exercises will be taken into account.

II. *The Examination in the rudiments of Faith and Religion will consist of questions in—

1. The Books of Genesis and Exodus, the Gospel of St. Matthew, and the Acts of the Apostles.
2. The Catechism, the Morning and Evening Services, and the Litany.

III. Papers will also be set in the following eight subjects; and every candidate will be required to offer himself for examination in one subject at least; but no candidate will be examined in more than four:—

1. *Latin*.—A passage will be given from *Cæsar de Bello Gallico* (Books I., II., III.,) for translation into English, with questions on the parsing, and the historical or geographical allusions. An easy passage for translation from some other Latin book. A passage of English (with the Latin words supplied) for translation into Latin.

2. *Greek*.—A passage will be given from Xenophon's *Anabasis* (Books I., II.,) for translation into English, with questions on the parsing, and the historical or geographical allusions. An easy passage for translation from some other Greek book.

3. *French*.—A passage will be given from Voltaire's *Charles XII.*, with questions on the parsing, and the historical or geographical allusions. A passage from a French Newspaper for translation into English. English sentences for translation into French.

4. *German*.—A passage will be given from Schiller's *Revolt of the Netherlands*, with questions on the parsing, and the historical or geographical allusions. A passage from a German newspaper for translation into English. English sentences for translation into German.

Mathematics.—*Euclid*, Books I., II. Arithmetic. Algebra to Simple Equations inclusive. This amount of knowledge will enable a candidate to pass in this subject. Questions will also be set in *Euclid*, Books III., IV., VI., in Quadratic Equations, Progressions, and Proportion, Plane Trigonometry not beyond the Solution of Triangles, the use of Logarithms, Mensuration, and Practical Geometry.

6. *Mechanics and Mechanism*.—The questions on Mechanics will be chiefly of a practical character, and will not extend beyond the Parallelogram of Forces, the Centre of Gravity, and the Mechanical Powers. The questions on Mechanism will be confined to the Mechanism of the Steam-engine. The answers must be illustrated by diagrams or drawings. Great importance will be attached to good drawing.

7. *Chemistry*.—Questions will be set on the elementary facts of Chemistry. Solutions will be given to be tested, containing each not more than one acid and one base.

8.—*Botany and Zoology*.—Questions will be set on the Classification of Plants and Animals, their uses, and geographical distribution. British plants and parts of plants will be given for description.

* This Examination will not be required of any candidate whose parents or guardians shall have declined it on his behalf.

IV. Candidates may also offer themselves for examination in,—

1. Drawing from the Flat, from Models, from Memory, and in Perspective.
2. In the Grammar of Music.

The names of the successful candidates will be arranged in three divisions; those in the first division will be placed in the order of merit; those in the second and third divisions alphabetically.

After each successful candidate's name will be inserted his age, the place of his residence, and the school (if any) from which he comes to attend the examination.

The certificate given to each successful candidate will specify the subjects in which he has satisfied the Examiners.

The fact that a candidate has passed the Examination in the rudiments of Faith and Religion will be entered on his certificate, although it will not affect his place on the list.

EXAMINATION OF SENIOR CANDIDATES.

(For the Title of Associate in Arts.)

Candidates must be under eighteen years of age on the day when the Examination begins.

I. All candidates at this Examination will be required to satisfy the Examiners in—

1. Analysis of English sentences and parsing, and correction of faulty sentences.
2. A short English composition.
3. *Arithmetic*.

4. *Geography*. Every candidate will be required to draw from memory an outline map of some country in Europe to be named by the Examiners, showing the boundary lines, the chief ranges of mountains, the chief rivers, and the chief towns. Questions will also be set in Geography.

5. The outlines of English History: that is, the succession of Sovereigns, the chief events, and the characters of the leading men in each reign.

II. *The Examination in the rudiments of Faith and Religion will consist of questions in—

1. The Historical Scriptures of the Old Testament to the death of Solomon.
2. The Gospels of St. Matthew and St. John, and the Acts of the Apostles. Those who offer themselves for examination in Greek will be expected to answer questions on the same parts of the Greek Testament.
3. The Catechism, the Morning and Evening Services, and the Litany; and the outlines of the History of the Book of Common Prayer.

III. Every candidate will also be required to satisfy the Examiners in two at least of the sections marked A, B, C, D; or in one of those four and in one of those marked E, F.

SECTION A.—*English*.

This will include questions in—

1. English History, from the battle of Bosworth Field to the Restoration; and the outlines of the History of English Literature during the same period.
2. Shakspeare's *King Lear* and Bacon's *Essays*.
3. The outlines of Political Economy and English Law. The examination will not extend beyond the subjects treated of in the first book of Smith's *Wealth of Nations*, and the first volume of Blackstone's *Commentaries*.
4. Physical, Political, and Commercial Geography.

A fair knowledge of one of these four classes of subjects will enable a candidate to pass in this section.

* This Examination will not be required of any candidate whose parents or guardians shall have declined it on his behalf.

SECTION B.—*Languages.*

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| 1. Latin. | 3. French. |
| 2. Greek. | 4. German. |

A fair knowledge of one of these languages will enable a candidate to pass in this section.

SECTION C.—*Mathematics.*

1. Pure Mathematics.
2. Practical Mechanics (including Mechanism) and Hydrostatics mathematically treated, Surveying, and Navigation.

Algebra to the end of Quadratic Equations, and Four Books of Euclid, will enable a candidate to pass in this section.

SECTION D.—*Physics.*

1. *Natural Philosophy.*—Great importance will be attached to good mechanical drawing.
2. *Chemistry.*—Questions will be set on the facts and general principles of Chemical Science. There will be a practical examination in the elements of Analysis.
3. *Vegetable and Animal Physiology.*—Questions will be set on Vegetable Physiology in general, and on the functions of Vertebrata in Animal Physiology. Parts of plants and bones of Vertebrata will be given for description. Great importance will be attached to good botanical and anatomical drawing. A fair knowledge of one of these classes of subjects will enable a candidate to pass in this section; but in all cases a practical acquaintance with the subject-matter will be indispensable.

SECTION E.—*Drawing and Architecture.*

1. Drawing from the Flat, from Models, from Memory, and in Perspective; and drawing of plans, sections, and elevations.
2. Design in pen-and-ink and in colour.
3. *The History and Principles of the Arts of Design.*—A fair degree of skill in free-hand drawing will be required in order that a candidate may pass in this section.

SECTION F.—*Music.*

1. The Grammar of Music.
2. *The History and Principles of Musical Composition.*—The elements of Thorough Bass will be required in order that a candidate may pass in this section.

Separate lists of those who distinguish themselves will be published for each of the sections, A, B, C, D, E, F, arranged in two divisions.

The names in each first division will be arranged in order of merit; those in each second division alphabetically.

The names of the other successful candidates will be printed in a general alphabetical list.

After each successful candidate's name will be inserted his age, the place of his residence, and the school (if any) from which he comes to attend the examination.

Every candidate who passes will receive the Vice-Chancellor's certificate, conferring the title of Associate in Arts, and specifying the subjects in which he has satisfied the Examiners.

The fact that a candidate has passed the Examination in the rudiments of Faith and Religion will be entered on his certificate, although it will not affect his place on the list.

Place of Examination.

The Examination will be held in Oxford, and simultaneously in other places, if it be requested, and found expedient.

Local committees wishing to have an examination held in their several districts may obtain all necessary information from the Rev. J. E. Sewell, New College, Oxford.

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Time of applying.

Candidates desirous of being examined at Oxford must apply on or before the 10th of April, 1858.

Local Committees desirous of having examinations held in their several districts must apply on or before the 1st of March, 1858, specifying the probable number of their candidates.

The names of these candidates must be transmitted to the Rev. J. E. Sewell on or before the 10th of April, 1858.

Fees.

Every candidate at the Junior Examination will be required to pay a fee of 10s.

Every candidate at the Senior Examination will be required to pay a fee of 30s.

These fees must be paid on or before the 10th of April, 1858.

J. E. SEWELL, *Honorary Secretary.*

Oxford, Nov. 12, 1857.