

Elements of Mineralogy and Geology.

The properties and distinctive characters of the commonly occurring minerals and metallic ores.

The structural characters, conditions of occurrence, and classification of rocks generally.

Geological phenomena now in action, with theory of springs, currents, tides, winds, &c.

(Dana's Manual of Mineralogy; Lyell's Elementary Geology; Buff's Physics of the Earth. A detailed synopsis of Professor Chapman's lectures may be obtained by application to the Registrar.)

LOGIC, ETHICS AND METAPHYSICS.

Logic.

Murray's Logic. (Walker's edition.)

Ethics and Metaphysics.

Wayland's Moral Philosophy.

Locke, Bb. II, III, and IV.

THIRD YEAR.

GREEK AND LATIN LANGUAGES.

Sophocles, *Oedipus Rex*. Horace, *Satires and Epistles*.

Herodotus, B. II. Livy, B. V.

Translation from English into Latin Prose.

MATHEMATICS.

Hydrostatics. (Cherriman's)

Optics. (Brewster's.)

MODERN LANGUAGES.

French.

Composition on a given subject.

Racine, *Athalie*.

Bossuet, *Oraisons funèbres*, (de la Reine d'Angleterre, et du Prince de Condé.)

History of French Literature in the seventeenth century.

German.

Translation into German.

Le-sing, *Minna von Barnhelm*.

History of German Literature. (Gostick, Periods 5 and 6.)

HISTORY.

Outlines of Modern History. (Taylor's Student's Manual of Modern History.)

British History from the Revolution to the present time.

NATURAL SCIENCES.

Chemistry.

Applied Chemistry. (Knapp's Technology.)

Natural History.

General and Comparative Physiology.

View of the Animal Kingdom.

Vegetable Organography and Physiology.

View of the Vegetable Kingdom.

(Books of reference—Agassiz and Gould's Comparative Physiology; Jones' Animal Kingdom; Carpenter's Zoology; Gray's Botanical Text-Book; Balfour's Class-Book of Botany.)

ETHICS, METAPHYSICS, AND CIVIL POLITY.

Metaphysics and Ethics.

Reid's Intellectual Powers.

Stewart's Moral and Active Powers.

Civil Polity.

Whately's Lectures on Political Economy.

A Student who is not a candidate for Honors is not required at this examination to take both "Greek and Latin" and the "Modern Languages," but either at his option.

FINAL EXAMINATION OF CANDIDATES FOR DEGREE OF B. A.

GREEK AND LATIN LANGUAGES.

Euripides, *Medea*. Juvenal, *Sat. III, VII, VIII, & X*.

Thucydides, B. VII. Tacitus, *Germania and Agricola*.

Translation from English into Latin Prose.

MATHEMATICS.

Astronomy and Acoustics. (Herschel's.)

MODERN LANGUAGES.

English.

Principles of Composition, Grammar, and Etymology, from selected passages

History of the formation of the English Language and its Philological Elements. (Latham's English Language.)

History of Literature from Queen Anne to the present time. (Books of reference—Spalding's History of English Literature; Craik's History of English Literature.)

French.

Composition on a given subject.

Corneille, *le Cid*.

Fenelon, *Les Dialogues des Morts*. I. to XL.

History of French Literature from the 18th century to the present time.

German.

Composition on a given subject.

Goethe, *Hermann and Dorothea*, Canto II.

Schiller, *Geschichte des Abfalls der Niederländer*, Bb. I. and II.

History of German Literature. (Gostick, Period 7.)

NATURAL SCIENCES.

Chemistry.

Organic Chemistry. (Gregory's Hand-Book of Organic Chemistry.)

Mineralogy, Geology, and Physical Geography.

Physical and Chemical characters of Minerals, including the application of

Crystallography and the construction of Chemical Formulæ.

Classification and description of Minerals.

General Principles of Geology fully considered.

Paleontology.

Leading principles of Physical Geography as embraced in the present aspect

and conditions of the Earth.

(Books of reference—Dana's System of Mineralogy, 4th Ed.; De la Beche's Geological Observer; Lyell's Principles and Elements of Geology; Somerville's Physical Geography; Johnston's Abridged Atlas; Synopsis of Prof. Chapman's Lectures.)

Meteorology.

Kaemtz's Meteorology, by Walker.

Drew's Practical Meteorology.

ETHICS, METAPHYSICS, AND CIVIL POLITY.

Civil Polity.

Smith's Wealth of Nations, Bb. I, II, III, and IV.

A Student who is not a candidate for Honors is not required at this examination to take both "Greek and Latin" and the "Modern Languages," but either department at his option. Neither is a Student required to take Meteorology, Mathematics and Chemistry, but any one of those subjects at his option.

Candidates for Honors and Scholarships will be examined in the following additional subjects:

MATRICULATION.

GREEK AND LATIN LANGUAGES.

Homer, *Iliad* B. I.

Homer, *Odyssey* B. IX.

Translation from English into Latin verse.

Horace, *Odes* B. I.

Virgil, *Æneid* B. II

MATHEMATICS.

Algebra.

Proportion and Progression.

Simple and Quadratic Equations.

Geometry.

Euclid, Bb. II, III, and IV.

MODERN LANGUAGES.

English.

Grammar and Composition.

French.

Grammar.

Voltaire, *Histoire de Charles XII*.

HISTORY AND GEOGRAPHY.

English History under the Houses of Tudor and Stuart.

Geography of the British Empire, including her Colonies.

FIRST YEAR.

GREEK AND LATIN LANGUAGES.

Homer, *Iliad* B. XVIII.

Homer, *Odyssey* B. X.

Translation from English into Latin Verse.

Virgil, *Æneid* B. VIII.

Virgil, *Georgics* B. IV.

MATHEMATICS.

Plane Trigonometry. (Colenso's.)

MODERN LANGUAGES.

English.

Prosody.

History of the English Language. (Books of reference—Craik's Outlines of the History of the English Language; Latham, *The English Language*, 2nd Ed.)

French.

Translation from English into French.

Montesquieu, *Grandeur et Décadence des Romains*.

Voltaire, *Alzire*.

HISTORY.

European History from the fall of Constantinople to Charles V.