

demanding a knowledge of the language in its early stages; but it will not be obligatory upon candidates to master in detail the old forms in use before 1500. Candidates will not be required to write their answers in French.

German: Translation, Composition, and Conversation.—In the conversation test importance is attached to pronunciation. The study of phonetics is an important aid to correctness of pronunciation.

German: History of the Language and Literature.—Passages for translation may be set, and questions asked, demanding a knowledge of the language in its early stages; but it will not be obligatory upon candidates to master in detail the old forms in use before 1500. Candidates will not be required to write their answers in German.

Lower Mathematics.—Plane geometry, including conic sections; solid geometry, including the method of orthogonal projection; algebra and plane trigonometry; elementary plane co-ordinate geometry; elementary mechanics of solids and fluids; geometrical optics; elements of differential and integral calculus, with simple illustrations from other branches of the subject. The questions may involve the use of drawing instruments. The use of the slide rule is allowed.

Higher Mathematics.—Higher algebra (including theory of equations), plane and spherical trigonometry, differential calculus, integral calculus, differential equations, analytical geometry (plane and solid), statics (including attractions), dynamics of a particle, rigid dynamics, hydrodynamics, the mathematical theory of electricity and magnetism. The questions may involve the use of drawing instruments. The use of the slide rule is allowed.

Chemistry, Physics, Geology, Botany, Zoology, Animal Physiology.—Candidates are warned that the practical examinations carry a large proportion of the marks.

*Geography.**—The history of geographical ideas and methods.

The construction and use of the more familiar map-projections. A general knowledge of the methods of exploratory surveying.

The characteristics and cartographical analysis of the physical regions of the world. The configuration of the continents and of the bed of the ocean. The characteristics and distribution of typical land-forms. The circulation of air and water. The climatic characteristics of different parts of the earth. The distribution of plant and animal associations.

The classification and distribution of the races of mankind. Past and present lines of communication. The influence of geographical environment (physical features and other natural conditions) upon the habits, arts, industries, social organization, and, generally, the political and economical development of the more important existing peoples.

There will be a practical test which will necessitate a knowledge of cartographical methods and notations, and for this test drawing instruments may be required.

Greek History.—Questions (a) on the general and (b) on the constitutional history of Greece to the death of Alexander. Candidates will be expected to show a knowledge of the original authorities. They must also be prepared to answer questions on historical geography, and to draw sketch-maps.

Roman History.—Questions (a) on the general and (b) on the constitutional history of Rome to the death of Trajan. Candidates will be expected to show a knowledge of the original authorities. They must also be prepared to answer questions on historical geography, and to draw sketch-maps.

English History.—The subject will include (a) the political history of the British Isles and the colonies; (b) the constitutional history of England. Candidates should be acquainted with the following authorities:—

Period I, to 1485. Stubbs, *Select Charters* (Clarendon Press).

Period II, 1485 to 1848. Prothero, *Statutes and Constitutional Documents* (Clarendon Press). Gardiner, *Documents of the Puritan Revolution* (Clarendon Press).

In each period the number of marks assigned to the question or questions dealing with the text of the prescribed books will be about one-sixth of that assigned to the whole period. Candidates must be prepared to answer questions on historical geography, and to draw sketch-maps.

General Modern History.—Candidates may, at their choice, be examined in any one of the following periods. Periods III, IV, and V will include Indian history.

Candidates are warned that high marks will not be awarded in this subject unless the text of the prescribed

* The syllabus of geography for 1915 will be: Geography as understood in the universities, not excluding topics which concern geography jointly with other subjects such as economics, history, physics, botany, and other. There will be a practical test which will necessitate a knowledge of cartographical methods and notations, and for this test drawing instruments may be required.

books has been carefully studied by them. Candidates must be prepared to answer questions on historical geography, and to draw sketch-maps.

I. From the accession of Charlemagne to the Third Crusade (A.D. 800 to A.D. 1193).

II. From the Third Crusade to the Diet of Worms (A.D. 1193 to A.D. 1521).

III. From the Diet of Worms to the death of Louis XIV (A.D. 1521 to A.D. 1715).

IV. From the accession of Louis XV to the French Revolution of 1848 (A.D. 1715 to A.D. 1848).

V. From the Peace of Paris to the Treaty of Berlin (A.D. 1763 to A.D. 1878).

Candidates should be acquainted with the following authorities:—

PERIOD I, 800–1193.

Einhard: *Vita Caroli Magni*, from 800 A.D. Editions (1) Pertz; (2) *Scriptores Rerum Germanicarum*.

Lambert of Hersfeld: *Annales*. Editions: (1) Pertz; (2) *Scriptores Rerum Germanicarum*.

Suger: *Vita Ludovici VI*. Editions: (1) Migne; (2) *Société de l'Histoire de France*, 1868.

Otto of Freising: *De gestis Frederici I*. Edition: (1) Pertz, (2) *Scriptores Rerum Germanicarum*. (The continuators are included.)

PERIOD II, 1193–1521.

Joinville: *St. Louis*. Editions: (1) Petitot; (2) Michaud et Poujoulat; (3) Buchon; (4) *Société de l'Histoire de France*, 1868.

Philippe de Comines: *Mémoires*. Editions: (1) Petitot; (2) Michaud et Poujoulat; (3) Buchon; (4) de Mandrot (Picard, Paris, 1901–3).

Machiavelli: *The Prince*. English translation by Thomson: Published by the Clarendon Press.

PERIOD III, 1521–1715.

Sully: *Mémoires*, up to the Treaty of Vervins. Editions: (1) Petitot; (2) Michaud et Poujoulat.

Torcy: *Mémoires*. Editions: (1) Petitot; (2) Michaud et Poujoulat.

PERIOD IV, 1715–1848.

Frederick II. *Histoire de mon Temps, and La Guerre de Sept Ans*. Editions: (1) Boutaric; (2) *Œuvres de Frédéric II*, published by Decker, Berlin, 1846.

Malmesbury (First Earl of). *Diaries and Correspondence*. London, Bentley, 1844. Vol. II, *Mission to the Hague*, pp. 66–443. Vol. III, *Mission to Lisle*, pp. 369–599.

Metternich. *Aus Metternich's Nachgelassenen Papieren*. Autorisirte Original-Ausgabe. Vienna, 1880. *Or in English translation—Memoirs of Prince Metternich*. Richard Bentley and Son, London, 1880–82. To be studied up to the year 1815.

PERIOD V, 1763–1878.

Malmesbury: As for Period IV. Metternich: As for Period IV. Bianchi: *La Politique du Comte Camille de Cavour, 1852–1861* (Turin, 1885). Bismarck: *Gedanken und Erinnerungen von Bismarck* (edited by H. Kohl, Stuttgart, 1898). *Or in English translation—Bismarck, the Man and the Statesman: Reflections and Reminiscences, &c.* Translated under supervision of A. J. Butler (Smith and Elder, London, 1898). To be studied up to the year 1878.

Logic and Psychology.—The history of the subject will be included.

Moral and Metaphysical Philosophy.—The history of the subject will be included.

Political Economy and Economic History.—Candidates will be expected to possess a knowledge of economic theory; of the existing economic conditions; of statistical methods; and of the history of industry, land-tenure, and economic legislation in the United Kingdom.

Political Science.—The examination will not be confined to analytical jurisprudence, early institutions, and theory of legislation, but may embrace comparative politics, the history of political theories, &c. Candidates will be expected to show a knowledge of original authorities.

English Law.—Law of contract; law of evidence; law of the Constitution; criminal law; law of torts.

The following applies only to Candidates for Clerkships on the Establishment of the Foreign Office, for Attachéships in the Diplomatic Service, and for Student Interpreterships in China, Japan, and Siam:—

Spanish: Translation, Composition, and Conversation.—In the conversation test importance is attached to pronunciation. The study of phonetics is an important aid to correctness of pronunciation.

Spanish: History of the Language and Literature.—Passages for translation may be set, and questions asked