

A *host* divine, whose eyes are sparkling
gems,
And forms more bright than diamond
diadems." 14

(a) Describe briefly, but clearly, the more important grammatical functions discharged by the italicized words in the above extract.

(b) Write out in full the subordinate clauses therein, and explain their relationship to their respective clauses.

(c) Explain how your knowledge of etymology helps you to understand the meaning of the following words: "glittering" (l. 1); "sky" (l. 1); "vault" (l. 3); "galaxy" (l. 3); "marshall'd" (l. 4); "innumerable" (l. 4); "alive" (l. 5); "wondrous" (l. 5); "appears" (l. 6); "lambent" (l. 10); "bespangled" (l. 11); "archangels" (l. 12); "sparkling" (l. 13); "gems" (l. 13); "diamond" (l. 14), "diadems" (l. 14).

12. (For candidates in medicine only.) Write a composition (not exceeding sixty lines) on any one of the following themes:

(1) The character of Sir Alexander Ball.

(2) The value of Malta as a British possession.

(3) The personal relations of Sir Alexander Ball and Lord Nelson.

(4) Sir Alexander Ball's administration of affairs in Malta.

(5) The value to the physician of general culture.

HISTORY AND GEOGRAPHY—PASS.

Examiner—T. Arnold Haultain, M.A.

NOTE.—Candidates for scholarships will answer questions 1 to 9A, inclusive; all other candidates may substitute for 7A, 8A, 9A, questions 7B, 8B, 9B, respectively.

1. Write a short biographical sketch of Cimon, or of Alcibiades; and of L. Cornelius Sulla, or of Octavianus up to the time of his return to Rome from the East (B.C. 29).

2. What and where were Naxos, Eubœa, Numidia, Actium?

3. Distinguish between Isothermal, Isothermal, and Isochimal Lines.

How is the direction of Isothermal Lines generally determined?

4. Name the more important exports of France, Italy, and Spain and Portugal.

5. Is Sault Ste. Marie, in your opinion,

well or ill situated for a great commercial centre? Give full reasons for your answer.

6. Draw a map of New Brunswick, Prince Edward Island; and Nova Scotia, indicating the important bays, capes, towns, and rivers.

7A. Remark on the progress made by British industry during the eighteenth century; touching on population, wealth, agriculture, important branches of trades and manufactures, means of communication and transport, inventions, and discoveries.

8A. Write short notes on the National Debt, the Mutiny Act, the Riot Act.

9A. Mention the chief legislative enactments of the reign of William III., briefly explaining each.

7B. What was the condition of the English working classes in the beginning of the present century? To what influences would you be inclined to ascribe that condition?

(The candidate is reminded of the riots of the "Luddites," which occurred in 1812 and 1816.)

8B. Write short notes on "Junius," Adam Smith, John Howard.

9B. Narrate briefly the principal occurrences in the history of the Young Pretender's invasion of 1745.

CHEMISTRY—ARTS: PASS. MEDICINE: HONORS.

Examiner—Anthony McGill, B.A., B. Sc.

NOTE.—Candidates for honors and scholarships will take all the questions. Other candidates will take 5 to 8 inclusive, and any two of questions 1 to 4.

1. (a) What is meant by ordinary combustion?

(b) Turpentine has the composition $C_{10}H_{16}$. Find the total weight of product when 10 grammes of turpentine is burned in air.

(c) Describe, and explain by an equation, the phenomena which occur when a piece of blotting paper, wetted with turpentine, is plunged into a vessel containing chlorine.

2. (a) Describe, and explain by equations, any two different modes which you have used (or seen used) for preparing hydrogen.

(b) Calculate the weight of materials which would be required to generate 100 litres of