

2. State in detail what you would expect to see if you made a coast voyage around the Mediterranean.

3. Draw a rough map of the British Isles, marking the courses of the Thames, the Severn, the Trent, the Tyne, the Tweed, the Clyde, the Shannon, and the Tay, and the positions of Belfast, Dublin, York, Cork, Glasgow, Aberdeen, Dundee, Edinburgh, Liverpool, Manchester, Bristol, London, and Birmingham, and of the smaller islands.

4. Compare the physical characteristics of Africa and South America.

Values:—1, 24; 2, 28; 3, 28; 4, 20.

DICTATION.

TIME—THIRTY MINUTES.

Note to the Presiding Examiner.—This paper is not to be seen by the candidates. It is to be read to them *three times*—*first*, at the ordinary rate of reading, they simply paying attention, to catch the drift of the passage; *second*, slowly, the candidates writing; *third*, for review.

A sudden irruption into Belgium, as it was more suited to the daring genius of Napoleon, and better calculated to encourage the ardour of his troops, afforded him also a more reasonable prospect of success. He might by a rapid movement, direct his whole force against the army either of England or of Prussia, before its strength could be concentrated and united to that of its ally. He might thus defeat his foes in detail, as he had done upon similar occasions, with the important certainty, that one great and splendid victory would enable him to accomplish a general levy, and thus bring to the field almost every man in France capable of bearing arms; an advantage which would infinitely more than compensate any loss of lives which might be sustained in effecting it. Such an advantage, and the imposing attitude which he would be thereby entitled to assume towards the allies, might have affected the very elements upon which the coalition was founded; and afforded to Bonaparte time, means, and opportunity, of intimidating the weak and seducing the stronger members of the confederacy.

COMPOSITION.

TIME—ONE HOUR AND A QUARTER.

I.

Write out the sense of the following poem in good prose, in your own words:—

O, Maid of Isla, from the cliff,
That looks on troubled wave and sky,
Dost thou not see yon little skiff
Contend with ocean gallantly?
Now beating 'gainst the breeze and surge,
And steeped her leeward deck in foam,
Why does she war unequal urge?—
O, Isla's maid, she seeks her home.

O, Isla's maid, yon sea-bird mark,
Her white wing gleams through mist and spray
Against the storm-cloud, lowering dark,
As to the rock she wheels away?—
Where clouds are dark and billows rave,
Why to the shelter should she come
Of cliff, exposed to wind and wave?—
O, maid of Isla, 'tis her home.

As breeze and tide to yonder skiff,
Thou'rt adverse to the suit I bring,
And cold as is yon wintry cliff,
Where sea-birds close their wearied wing
Yet cold as rock, unkind as wave,
Still, Isla's maid, to thee I come;
For in thy love, or in his grave,
Must Allen Vourich find his home.

II.

Write a composition on one, and only one, of the following subjects:—

- The Scientific Discoveries of the 19th Century.
- Is Ambition a Vice or a Virtue?
- Does Morality Advance as Civilization Advances?

(d) "Peace hath her victories no less renowned than War."

N. B.—One of the above subjects must be attempted, besides the paraphrase of the poem.

HISTORY.

TIME—TWO HOURS AND A HALF.

- Sketch the career of Hannibal, giving the localities, dates and results of five of his chief battles, and the date and circumstances of his death.
 - Define the relations of the Italian races with the city of Rome from the end of the Second Punic War to the death of Sulla.
 - Give an account of the struggle between Marius and Sulla, and its results.
 - Show how the Wars of the Roses increased the power of the Crown on the one hand, and of the people on the other.
 - Describe the character of the reign of Charles II., and state what causes led to his restoration.
 - What principles of Constitutional Government were established by the Revolution?
 - State the objects and result of Lord Durham's mission to Canada.
 - Give the principal provisions of the Canada Constitutional Act of 1791, and estimate its results.
 - Name the five most important military engagements of the War of 1812-14, and state the origin and result of that war.
- Values—1, 10; 2, 10; 3, 10; 4, 10; 5, 10; 6, 10; 7, 10; 8, 10; 9, 10.

BOOK-KEEPING.

TIME—ONE HOUR AND A QUARTER.

- Explain the use of the Day Book, Trial Balance, Cash Book. How do you transfer an entry from one book to another?
 - State the different kinds of Accounts; and explain the process of closing the Profit and Loss Account.
 - Define the terms Assignee, Bonded Goods, Bounty, Invoice.
 - Write out the form of (1) a Promissory Note, (2) a Bill of Exchange. What do you understand by "endorsing" a Note?
 - What are the advantages of Double Entry?
- Make the proper entries for the following:—
- Purchased Mdse. amounting to \$1000, for which I paid in cash \$800, and for balance my note, due 3 months hence.
 - Borrowed \$2000 from A.B. for 4 years, for which I pay interest half yearly, at the rate of 6 % per annum.
 - Sold goods amounting to \$400, for which I received \$200 cash, and for balance note due 6 mos. hence.
 - Note of \$200 overdue 2 months; interest at 6 % per annum.
- Values:—1, 16; 2, 14; 3, 16; 4, 12; 5, 22.

CHEMISTRY.

TIME—ONE HOUR AND A HALF.

- What experiments would you perform to demonstrate the properties of Chlorine?
(In answering this question employ diagrams of apparatus used to illustrate the description of your experiments.)
- In the evolution of Ammonia from Liquor Ammoniae by heat aqueous vapour passes over with the gas. Describe a method for drying the Ammonia.
- Describe and figure the apparatus used for the evolution of Hydrogen from Zinc and Sulphuric Acid.
- What takes place when a cylinder filled with Nitrogen Dioxide is inverted over a cylinder filled with Oxygen? Write the equation representing the reaction.
- How much Potassium Chlorate is required to furnish 12 litres of Oxygen measured at 0°C. and 760 mm P.?
- Explain a method of preparing the amorphous variety of Sulphur.