

Examiner—J. E. Hodgson, M.A.

NOTE.—A maximum of five marks may be added for neatness.

1. Define the following terms :—Factor, Prime Number, Multiplication. Write down all the Prime Factors of 2,310. [12.]

2. (a) Reduce to simplest form : $\frac{9534}{15663}$.

(b) What is the least number from which 1,224 and 1,656 may each be taken an exact number of times? [$6 + 8 = 14$.]

3. A man who lost $\frac{1}{3}$ of his fortune in one year, and $\frac{1}{4}$ of the remainder the next year, had \$900 left. Find the amount of his fortune at first. [11.]

4. What quantity taken from $159\frac{1}{2}$ will make it exactly divisible by $12\frac{1}{2}$? [10.]

5. Express 3'74976 minutes as the decimal of a week. [10.]

6. What will 11,750 feet of lumber cost at \$27.50 per thousand? [9.]

7. Name the units of length, time, and sterling money. [6.]

8. Find the simple interest on \$800 for 3 years at $5\frac{1}{2}$ per cent. [11.]

9. A cistern has three pipes; the first will fill it in ten hours, the second in twelve hours, and the third in fifteen hours. In what time will they together fill the cistern? [17.]

COMPOSITION.

NOTE.—A maximum of five marks may be added to the total value for neatness.

1. Combine the following elements so as to form a complex sentence :—

The Strait of Gibraltar leads into the Mediterranean. The Mediterranean is a series of inland seas. These seas wash the coast of Italy. These seas wash the coast of Africa. These seas wash the coast of Syria. These seas wash the coast of Egypt. [16.]

2. Explain what is meant by the terms *direct* and *indirect* as applied to the form of speech. Give an example of each. [12.]

3. Express in words of your selection and arrangement the meaning of the following :—

(a) The boats plied busily; company after company was quickly landed, and as soon as

the men touched the shore they swarmed up the steep ascent with alacrity.

(b) Vice is a monster of so frightful mien,
As, to be hated, needs but to be seen,
Yet seen too oft, familiar with her face,
We first endure, then pity, then embrace. [26.]

4. Correct the following :—

(a) What was the future of these two boys?

(b) He ascended up the hill.

(c) He pulled the plant up by the roots.

(d) The whole town may be seen sailing up the river.

(e) Can we suppose that good blood replaces teaching?

(f) The two boys divide the work among themselves.

(g) His faithfulness and fidelity are unequalled. [14.]

5. Write a letter to a friend, describing your school-ground's and class-rooms. [18.]

6. Expand the following into a paragraph :—

The Hundred-Years'-War had ended, not only in the loss of the temporary conquests made since the time of Edward the Third, with the exception of Calais, but in the loss of the great southern province which had remained in English hands ever since the marriage of the duchess, Eleanor, to Henry the Second, and in the building up of France into a far greater power than it had ever been before. [14.]

GEOGRAPHY.

NOTE.—A maximum of five marks may be added to the total value for neatness.

1. Define :—latitude, longitude, oasis, delta. [8.]

2. Name the provinces and the territories of Canada. [10.]

3. What counties of Ontario border on Lake Ontario? [9.]

4. Name the principal seaports of Canada. [7.]

5. Trace the following rivers :—Mississippi, Danube, Nile. [9.]

6. Draw an outline map of Africa and indicate thereon the position of :—Algiers, Cairo, Natal, Cape Bon, Victoria Nyanza, Orange River. [10.]