

COMPOSITION.

Write from memory the substance of the passage read to you by the Inspector:—

"An incident which occurred when Horace Walpole, with the poet Gray, was crossing the Alps into Italy in 1739, will show the difference between travelling in those days and at present. Walpole had a fat little black spaniel called Tory, of which he was very fond. As this pampered creature was trotting beside the ascending chaise, enjoying his little constitutional, a young wolf sprang out of the covert, and snatched the shrieking favourite away from amongst the carriages and servants before any one had the presence of mind to draw a pistol. Walpole screamed and wept, but Tory had disappeared for ever."

SECOND YEAR.

ARITHMETIC.

MALES.

1. At what rate per cent., simple interest, will £375 12s. 6d. amount to £460 2s. 9½d. in 5 years?
2. Find the compound interest on £2,533 6s. 8d. for 2½ years at 3 per cent. per annum.
3. On what sum of money will the simple interest in 3 years 219 days at 4 per cent. per annum amount to £685 8s. 9¾d.?
4. A money-lender gets 15s. for the loan of £24 for 5 calendar months. What rate per cent. per annum does he get for his money?
5. What percentages of 5 are 20, 3½, .02, and 1½?

FEMALES.

1. Find the least common multiple of 225, 255, 289, 1023, and 4095.
2. Reduce the following compound fraction to a simple one: $\frac{2}{3}$ of $\frac{4}{5}$ of $\frac{7}{8}$ of $\frac{9}{10}$ of $\frac{1}{17}$ of 147.
3. Divide $3\frac{1}{2} - \frac{1}{2}$ of $\frac{1}{2}$ by $2\frac{1}{2} + \frac{1}{2} + 4\frac{1}{2}$ of 5.
4. What fraction of a sovereign is $4\frac{1}{4} - 10\frac{1}{4} + 9\frac{1}{4} - \frac{1}{4}$ of a penny?

GRAMMAR.

1. "It is not *dying* for a faith *that is so hard*, but living as if it were a reality to us."
 - (a) Analyse the subordinate sentences in the above, pointing out to which class each belongs.
 - (b) Parse the words in italics.
 - (c) Show from the above what kind of conjunctions are followed by the subjunctive mood, and give other examples.
2. Distinguish between (present) participles and gerunds. Give some examples of the use of the latter.

GEOGRAPHY.

Answer two questions.

1. Draw a full map of Russia in Europe. Insert the lines of latitude and longitude.
 2. Give full Notes of a Lesson on "Malta."
 3. Say what you know about British Columbia, the Mackenzie, the Great Slave Lake, Melville Sound, Hudson Straits, Baffin's Bay, and Cape Sable.
- N.B.—If you do not answer Q. 1, draw little sketch-maps in illustration of 2 or 3.

HISTORY.

1. Who was Stephen? Who disputed the throne with him and upon what grounds? Which do you consider to have had the better right to it?
2. Who was Richard I.? How came he to be so long absent from England, and how was the country governed during the king's absence?
3. Name the locality nearest to your home which is famous for a battle fought before 1486. Describe the parties to that contest and its issue.

COMPOSITION.

Write full Notes of a Lesson on "The Oak."

EUCLID.

All generally understood abbreviations for words may be used.

1. If two straight lines cut one another, the vertical, or opposite angles shall be equal.
2. At a given point in a given straight line, to make a rectilineal angle equal to a given rectilineal angle.
3. Find a point in a given straight line such that its distances from two given points may be equal.

THIRD YEAR.

ARITHMETIC.

MALES.

1. If a grocer buys cheese at £4 13s. 4d. per cwt., how must he sell it per lb. to gain 15 per cent. on his outlay?
2. If by selling tea at 3s. 6d. per lb. a grocer gains 12 per cent., how much per cent. would he gain or lose by selling it at 3s. per lb.?
3. A man derives an income of £108 by investing £3,595 10s. in the 3 per cents. What is the price of stock?
4. A invests £6,000 in one railway stock at 108, paying a dividend of 4 per cent.; and B invests £5,000 in another railway stock at 75 paying a dividend of 2½ per cent. What is the difference in the annual incomes derived?
5. Divide £1,746 amongst A, B, and C, so that B may have 50 per cent. more than A, and C 33⅓ per cent. more than B.

FEMALES.

1. Find the value of $.007 \times 700 \times 760 \cdot 3 \times .00416 \times 100000$.
2. Find the quotient of 7575 by $16\frac{2}{3}$.
3. Find the value of $.972916$ of £1.
4. Find the value of the following expression: $.68125$ of £1 + $.375$ of 13s. 4d. + $.605$ of £3 2s. 6d.

GRAMMAR.

1. "And now *farewell*. I am *going* a long way
To the island valley of *Avilion*;
Where falls not *hail*, or rain or any snow,
Nor ever wind blows loudly, but it lies
Deep-meadowed, happy, fair with orchard lawns,
Where I will *heal me* of my grievous wound."—TENNYSON.
 - (a) Give an example from the above of a simple predicate, of a predicate with its complement, and of a predicate with its extension.
 - (b) Parse the words in italics.
 - (c) "An adjective sentence is sometimes introduced by a relative adverb." Give an example of this from the above.
2. Point out the Latin preposition in each of the following words, and give the meaning of each preposition, and of the word with which it is compounded: *superfluous*, *extra-mural*, *percolate*, *cis-atlantic*.

GEOGRAPHY.

Answer either Q. 2 or Q. 3, not both.

1. Draw a map of Lower Egypt, showing the positions of Alexandria, Cairo, Damietta, Port Said, Ismailia, Suez, Rosetta, and the two mouths of the Nile. Insert the lines of latitude and longitude.
2. Give Notes of a Lesson on "Japan and the Japanese."
3. Say what you know about Trichinopoly, the Neilgherry Hills, Seringapatam, Hyderabad, the Godavery, the Krishna, and the Nerbudda.

HISTORY.

1. Show the connection of James I. with his predecessors on the English throne, and explain how the great parties here came to assent to his accession.
2. Give dates and localities of any battles fought since 1486 in the country where you live, or in an adjoining county. Describe the parties engaged in one of them, with its result.
3. When was the Legislative Union of Great Britain and Ireland effected? Describe events which led to it.