

- 8 2—Name the large cities on the Atlantic and Pacific coasts of North America.
- 15 8—Name the tributaries of the St. Lawrence, Mississippi and Amazon rivers.
- 8 4—Name the waters a ship must pass through in sailing from the Black Sea to New York.
- 10 5—Name the islands and island groups off the east coast of Asia.
- 9 6—How can a ship pass from the Indian Ocean into the Mediterranean Sea?
- Ten marks additional for neatness.

Values.

FROM 4TH TO 5TH CLASS.

- 20 1—Name the counties and principal towns through which the Great Western Railway passes from Suspension Bridge to Toronto; and those traversed by the Grand Trunk Railway from Toronto to Montreal.
- 10 2—Name ten of the largest cities in Europe and give their exact situation.
- 10 3—Name all the British settlements in Africa and describe the positions of the Transvaal.
- 12 4—What is the population of China, of Hindostan; and what are the religious beliefs of the people, their color, and their staple article of food?
- 8 5—What is the boundary line between Manitoba and the United States?
- 20 6—What and where are Oporto, Glasgow, Havre, New Orleans, Sacramento, Naples, Sumatra, Tasmania, Cormorin and Malta?
- Ten marks additional for neatness.

PUPIL TEACHERS' EXAMINATION PAPERS,  
JANUARY, 1891.

CANDIDATES.

THREE-AND-A-HALF hours allowed.

ARITHMETIC.

MALES.

1. Find the value of 694 cwt. 1 qr. 14½ lbs. at £8 19s. 4d. per cwt.
2. If the tax on £385 7s. 6d. amounts to £58 16s. 9½d., what is that in the pound?
3. A besieged town containing 22,400 inhabitants has provisions to last for three weeks; how many must be sent away in order that the city may hold out for seven weeks?
4. A ceremony attended by a number of persons from a distance extends over 2 days. The first day the railway conveys 285 first-class and 8,085 third-class passengers, charging 2s. 8d. for each of the former, and 1s. 7½d. for each of the latter. The second day, in hopes of larger receipts, the railway issues tickets at the uniform price of 1s., and conveys 6,009 passengers. Find the difference in the sums taken on the first and on the second day.

FEMALES.

1. Find by practice the value of eighty dozen pair of boots at 19s. 7½d. per pair.
2. Find the value of 1,527 cwt. 2 qrs. 16 lbs. of sugar at 8½ guineas a cwt.
3. Make out a bill for the following:—  
62½ tons of hay at £3 15s. per ton.  
41½ qrs. of beans at £2 2s. per qr.  
58½ qrs. of oats at £1 6s. per qr.  
25 sacks of flour at £1 7s. 6d. per sack.  
87½ tons of potatoes at £4 2s. 6d. per ton.
4. Find the rent for 61 months 1 week 4 days at £8 0s. 6d. per month of 4 weeks.

GRAMMAR.

1. Parse all the verbs and adjectives in the following:—  
"It is sad to see an infant fade  
Beneath our very gaze,  
As a lily in some poisonous shade,  
Droops, withers, and decays;  
It is sad to see the eye's pure light  
Grow fainter day by day."

2. Plurals are sometimes formed from the singular by a change in the body of the word. Give examples of this.
3. Adjectives of number are sometimes used as adjectives, sometimes as nouns. Give examples of each.

GEOGRAPHY.

1. Mention the different names given to openings in the land and to narrow passages of water on the coasts of Great Britain and Ireland; and give examples of the use of each term, describing exactly where each of them is.
2. Trace minutely the line of *water-parting* which separates the basins of the Thames and Severn from those of rivers flowing into the English Channel, and mention these rivers in order.
3. Say what you know about the Orkneys and Shetlands, the Hebrides, the Isle of Man, Anglesea, the Isle of Wight, and the Channel Islands.
- Draw a map; if you can, in illustration of any one of your answers.

COMPOSITION.

Write, from dictation, the passage given out by the Inspector:—  
The eagles were at rest | on their rocky ledge | a thousand feet | above the waters. | The herons had left | the several promontories, and the flapping of their wings overhead | was no more heard. | The raven was gone home; | the cattle were all | far away on the mountain pasture; | the goats hidden in the woods | which yielded the tender shoots | on which they subsisted. | The round eyes of a white owl | stared out upon him | here and there, | from under the eaves | of a farm-house, | and these seemed to be | the only eyes besides his own | that were open. | The inhabitants were all asleep, | even with sunshine | lying across their very faces.

PENMANSHIP.

Write, in large hand, as a specimen of copy-setting, the word *Versatility*.

Write, in small hand, as a specimen of copy-setting, "*Stirred up by Dorset, Buckingham, and Martons, he comes.*"

PUPIL TEACHERS AT END OF FIRST YEAR.

THREE-AND-A-HALF hours allowed.

ARITHMETIC.

MALES.

1. Reduce 18 furlongs 8 poles 8½ yards to the decimal of one mile; and 4 ft. 6 in. to the decimal of 3 yds. 2 ft.
2. If 1,191 tons 10 cwt. 1 qr. 14 lbs. cost £595 15s. 2½d., what is the cost of half a million tons? Work this by fractions.
3. A farmer has 295 more sheep than cows, and this difference is ⅔ of the number of sheep he possesses; how many cows has he?
4. In exchange for 1 cwt. of coffee at 1s. 6d. per lb., how much money would you expect to receive along with 18 lbs. of tea at 428571 of a guinea per lb.?
5. Find the greatest common measure of 805 and 1,811; and the least common multiple of 16,863 and 21,489.

FEMALES.

1. How many yards of lace can I buy for £685 17s. 9d., at the rate of five guineas for 12½ yards?
2. If, after paying income tax at 1s. 2d. in the pound, a gentleman has £701 10s. 10d. remaining, what is his annual custom?
3. If £69 0s. 11½d. pays the carriage of 47 tons 8 cwt. 83 lbs. of goods for 764 miles, what weight would be carried 573 miles for the same sum?
4. If 72 oxen require 18 acres of turnips to supply them for 80 weeks, how many acres would supply 18 score of sheep for 45 weeks, on the supposition that 9 oxen eat as much as 80 sheep?

GRAMMAR.

1. What are the two kinds of participles? Describe them, and give examples of each.
2. Parse the pronouns in the following:—  
"Which pillage they with merry march bring home  
To the tent royal of their Emperor."
3. The words *each* and *other* are used both as adjectives and as pronouns; give examples of them in both uses.
4. Give notes of a simple lesson on *Adverbs*, suited to Standard IV.

GEOGRAPHY.

Answer either Q. 1 or Q. 3, not both.

1. Trace minutely the line of *water-parting* which separates the basins of the Thames and Severn from those of rivers flowing into the English Channel, and describe those rivers in order.