ARITHMETIC.

Time—3 hours.

Note.—Full work required.

1. Define—denominate number, quotient, factor of a number, Roman notation, reduction, denomination of a number.

2. Write neatly the table that is used in weighing pork, hay, &c., and the table that is used in measuring distances.

3. In 5 miles 269 rods 15 feet how many inches ?

4. Change 4729334 sq. ft. to acres, rods, &c.

5. A drover bought an equal number of sheep and hogs for $1482 ; he gave $7 for a sheep, and $6 for a hog : what number of each did he buy ?

6. How many barrels of flour at $5 a barrel should be received for 3740 lbs. of oats at 35 cents a bushel, 4260 lbs. of wheat at $1.10 per bushel, 540 lbs. of clover seed at $3.60 a bushel, and 510 lbs. of beef at $10 a cwt. ?

7. A man borrows $3500 for 3 years, paying, for the use of it, $8 per year for every $100 borrowed ; how much will the use of the money cost him ?

8. Find a number such that if the sum of 89 and 256 be subtracted from it the remainder is 12 times 399.

9. The quotient arising from the division of 9281 by a certain number is 17, and the remainder is 373 ; find the divisor.

10. Find the total cost of 3 cwt. 12 lbs. 8 oz. of butter at 20 cents a lb., 12 gallons 3 qts. of vinegar at 7 cents a pint, 1020 eggs at 15 cents per dozen, 13 bushels of apples at 19 cents per peck, 4500 feet of lumber at $10 per 1000 feet.

Count 100 marks for each paper.

[The teacher will please note that full marks are to be given for *correct* solutions only. For answers *nearly* correct (where the method is *quite* correct) from 10% to 50% may be given. In marking, neatness of arrangement, &c., should be taken into account.]

COMPOSITION.

Time—1½ hours.

N.B.—Capitals and marks of punctuation must be correctly used.

1. Name the marks which are used at the end of written or printed sentences.

2. Describe Montreal, Halifax, Picton, and Ottawa. Let the description of each place be a single sentence which shall contain the answers to the following questions :—*What is it? In what County is it? On what body of water is it situated?*

3. Write the story of "Joseph being put into the Pit," observing these headings:—(1) When was it? (2) Where was it? (3) Who was it? (4) What was it? *(Place the answer to this as the subject of the anecdote.)* (5) How was it done ?

4. Write statements or questions containing the following expressions :—the hideous uproar, attempt to describe, intending to run away, proximity, probability, venture, outcasts, consistence of syrup.

5. Combine the following statements into a simple sentence :— Sugar is a sweet, crystallized substance. It is obtained from the juice of the sugar-cane. The sugar-cane is a reed-like plant. It grows in most hot countries. It is supposed to be originally a native of the East.

[Note for the teacher.—Bigsby's "Elements of the English Language," published by Ginn, Heath & Co., of Tremont Place, Boston, Mass., U.S.A., is strongly recommended to those who desire to teach Composition rationally. Its mailing price is 35 cents.—W. M.

ENTRANCE TO JUNIOR THIRD CLASS.

GEOGRAPHY.

Time—2 hours.

1. Draw a map of the County of Hastings, locating (carefully) on it (a) the Townships, (b) Belleville, Trenton, Deseronto, Stirling, Madoc, Marmora, Maynooth, and (c) the course of the Trent, Moira, and Crow rivers.

2. Name the railways (completed or nearly completed) of our country.

3. Define, in complete sentences—ocean, sea, gulf, tributary, plain, lake, and cape.

4. Name a lake on the boundary between Hungerford and Tyendinaga, one partly in Peterboro, and one in each of the following townships:—Huntingdon, Limerick, Tudor, Wollaston, Faraday, Herschel.

5. Name the two most important employments of the people of our country.

6. Name the Warden, the Sheriff, and the Judges of the County ; the Reeve of your own Township, and the members of Parliament for North Hastings.

7. Name the streams, post-offices, and villages in your own Township.

SPELLING.

Time—45 minutes.

N.B.—Dictate the punctuation marks.

1. The king gathered together great armies.

2. The doctor seized warm flannels in which he wrapped her.

3. They were busy making presents for that important night, Christmas Eve.

4. You wouldn't buy a new parasol.

5. I'll not describe how prettily they were carved out ivory.

6. Ask your uncle and cousins to get a couple of sickles ready.

7. Presently the hare said, " Good-bye, my friend, your pace is too slow."

8. You will surely succeed if you steadily persevere.

9. Two huntsmen were coming towards the famous glen.

10. The ceiling is not whole, there's a hole in it.

11. Having satisfied himself with sugar he walked out quite leisurely.

12. They've taken such pains to construct us a dwelling.

13. To-morrow we'll go to the brazier's and get a new collar.

14. Loaded his pistol with lead.

15. Tossed the colts' manes over their brows.

16. He doesn't advise you to believe him.

17. Tuesday, saucer, scissors, onion, beet, cabbage, waggon, quotient, divide, factor, Wednesday, model, harness, carriage, carrot, February, ninety, forty-four.

Value 100.

[For every error in spelling take 3 off; in capitals and apostrophes 2 off ; in punctuation 1 off.

COMPOSITION.

Time—1½ hours.

1. Write these sentences with the right words in the blanks :— The onions —— growing rapidly.
—— they here ——? The boys —— been sick.
—— the lilies watered ? ̄
Most of the —— worn were —— by the farmers' wives and —— from the —— of —— own ——. The people had —— of good and cheap food. The —— was —— and produced splendid ——. The —— were —— of fish.

2. Make statements or questions each containing one or more of the following words or phrases :—very plentiful, the best fun, teeth like pearls, presence of mind, blessing, chestnut.

3. Write the following sentences, making corrections where such are necessary :—i told you you was wrong. Me and Henry is to blame. How many horses has your boss got ? I done my work quickly. I and John are learning Henry his lesson. She has five pairs of gloves. His walking-stick is five foot long. We seen the church.

4. Write questions (using *have* or *has*) about—the snow, five men, my Christmas presents.

5. Make a statement out of these words :—kisses, his, mamma, him, love words, gives, of, plenty, and.

6. Write full sentence-answers to the following questions :— What are the names of the three villages of Hastings ? What things raised, or made, on the farm do our farmers sell ? What are the five principal parts of a rocking-chair ?

7. Write a composition of five sentences (subject "Our School"). In the first sentence, tell its name ; in the second, where it is situated ; in the third, the teacher's name ; in the fourth, the number of pupils ; and in the fifth, name, at least four things you learn in it besides Reading, Writing, Geography, Spelling, and Arithmetic.

Count 90 marks a full paper.

In valuing 7, give 2 for the subject and 5 for each sentence correctly written. Note writing, spelling, capitals, and punctuation.
[Note for Teachers.—Capitals, periods, and marks of interrogation must be correctly used in all the answers when necessary.]

Teachers, stationery is cheap, postage is only three cents, write us frequently and briefly.—Education is alive.