## PUPIL-TEACHERS' DEPARTMENT.

In accordance with a wish expressed by a number of our readers, we propose to publish, from time to time, questions upon the various subjects in the public school programmes. It will be our purpose to make these, as far as possible, practical for scholars and suggestive to teachers, so that they may be of assistance to both in school-room work.

We shall feel obliged if our friends in various parts of the country will forward us copies of their series of competitive or promotion examination questions for use in this column. We shall give our readers the benefit of many questions used for the pupil teachers' examinations in England, and shall be glad to select from those given to our teachers in training in this country, as they are supplied to us.

# EXAMINATION PAPERS OF GODE-RICH MODEL SCHOOL.

We begin with a selection from the papers set at the Christmas examination of the Goderich Model School.

### ARITHMETIC.

- 1. Divide the difference between 123456-789 and 9876543 by 12.
- 2. By what number must 343 be multiplied to give a product of 119025.
- 3. A farmer having 1,500 bushels of wheat, sold one load of 54 bushels, another of 65 bushels, two more of 52 bushels each, and another of 77 bushels. How many loads of 60 bushels each in what remains?
- 4. By what must 7 cwt. 3 qrs. 20 lbs. be multiplied to give for product 47 cwt. 23 lbs?
- 5. Find capacity in gallons of the smallest cask that can be exactly filled by each of the following measures: 5 quarts, 5 pints, 2 gallons, 4 gallons, and 8 gallons.

- 6. Find the expense of fencing both sides of a road 99 miles in length, at \$4.15 per rod of fencing.
- 7. How many bricks, 9 inches long, 4½ inches broad, and 4 inches thick, will be required for a wall 64 feet long, 18 feet high, and 3 feet thick, allowing that the mortar increases the bulk of each brick by  $r_{12}$ ?
- 8. The profits of a garden for two years were \$1,456; the profits of the second year being 8 per cent. more than those of the first; find the profits for each year.

#### GRAMMAR.

- 1. Form two simple and two compound sentences each containing the word horse.
- 2. Form two complex sentences each containing the word *clock*.
- 3. Name and define those parts of speech which are inflected.
- 4 Point out the vowels in the words:—Awful, Wayward, Testerday; give feminine forms of Earl, Hero, Executor; the plurals of Penny, Chimney, Staff, Tyro, Ellipsis, Soliloquy; the comparatives and superlatives of Much, Late, Fore; the past tense and past participle of Eat, Flow, Burst, Mean, Demean.
- 5. Correct any mistakes you detect in the following sentences, giving the rule that is violated in each case:—
  - (a) You should have went with me.
- (b) That needn't make no difference between such old friends as you and me.
- (c) The less one reads, the more time we have to read it well.
- (d) I have went over the sum twice and the second time seen where I done it wrong.

### GEOGRAPHY.

1. Name all the countries of South America that border on Brazil, with capital of each.