

School and College.

V. E. Coffin, B. A., (Dal.), has been appointed tutor in English in Cornell University.

A. S. MacKenzie, B. A., (Dal.), has won a fellowship in Johns Hopkins University.

Frederick MacLeod, B. A., (Dal.), has been awarded a \$200 scholarship at Harvard.

New Glasgow High School opens the winter term with an attendance of 120 students; Pictou Academy, 194; Halifax Academy, 237.

No reports from other Academies at date.

Truro Academy boasts of adding the *Encyclopædia Britannica* to its library. Very good.

The Halifax Academy, during the last few years, has formed a library of over 500 volumes of the latest standard works in literature, English, French and German, and in popular science. The *Encyclopædia Britannica* and other cyclopedias are among them. This library is used to a very great extent by students, the duties of the librarian being quite onerous.

Pictou Academy is adding modern books to an interesting old library, which contains some specially curious and valuable works in its collection.

The English and classical authors for the preliminary law examination in Nova Scotia next February, are announced to be the same as in September, 1890.

County Academy Entrance Examinations, 1890.

ARITHMETIC AND ALGEBRA.

1. Add together, seventy-eight millions; eight thousand and ten; sixty-five thousand and forty; eight hundred thousand and fifty five; four hundred thousand three hundred and one. State in words by how much the sum falls short of two hundred millions.

2. I have 10 bbls. of potatoes, each bbl. weighing 180 lbs.; there are three potatoes in each lb.; how many square yards of land can I plant if I plant 20 potatoes in each sq. yd.?

3. Give the weight of a bushel of the following: Wheat, Oats, Potatoes, Barley, Beans, Corn, Buckwheat. How many steps does a man whose stride is 32 inches take, in walking 3 miles?

4. Define numerator, denominator, common fraction, decimal fraction, and simplify:

$$3\frac{1}{11} \div 1\frac{8}{9} \times 5\frac{1}{2} + \frac{3\frac{1}{2} - 1\frac{2}{3}}{3\frac{1}{2} + 1\frac{2}{3}}$$

5. State the rule (1) for reducing a vulgar fraction to a decimal fraction; (2) a decimal to a vulgar fraction. Express in lbs. .006 ton + .03 cwt. + .09 of 3 qrs

6. The floor of a room measures 14 by 12½ ft and is partly covered by carpet measuring 11½ by 9¾ ft.; find the cost of covering the remainder with oil cloth at 90c. per sq. yd.

7. Find the simple interest on \$750 from May 5th, 1887, to October 31st, 1890.

8. If a bankrupt's assets are worth \$7,000, and his debts

are \$16,000, how much does he owe a creditor who receives \$500?

9. Multiply the sum of $3x-4y$ and $3y-x$ by the sum of $2x-2y$ and $3y-3x$.

10. From a rod a inches long I cut off $b-c$ inches: how many inches are left?

11. The product of two algebraical expressions is $x^6 + x^5y + x^4y^2 - x^3y^3 + y^6$ and one of them is $x^2 + xy + y^2$; what is the other?

GRAMMAR

1. Give the general rule for the formation of the plural of nouns.

Give the wanting singular or plural of the following; underline those which do not follow the general rule: Cat, Match, Wives, Children, Women, Roof, Taxes, Penny, Dies, Turcoman.

2. What is a pronoun? Give the declension of the Personal Pronouns.

3. Define Voice, Mood, Tense, and write out a scheme of the tenses of the Indicative Mood, Active Voice, using the verb *take*.

4. Distinguish between the *weak* and the *strong* conjugation, and give the principal parts of the following verbs, classifying them as weak or strong: *Think, strive, pay, cut, eat, shoot, know, teach, feel*.

5. What may the "Extension of the Predicate" consist of?

6. Correct, where necessary, the following sentences: I knew it to be he. The boiler bursted yesterday. Three months' salary were paid Henry and not you is to blame. Who do you think me to be? Nothing but picture books please him.

7. Parse and analyze the following:

Underneath day's azure eyes
Ocean's nursling Venice lies.

QUESTION DEPARTMENT.

A. P. M.—My school comprises grades 5, 6, 7 and 8. Besides these there is always a class who have completed the above work, and take selected studies in high school course. I wish to make the examination of pupils passing into the latter class correspond as nearly as is possible to the County Academy entrance examination, having the papers carefully preserved, subject to re-examination by the trustees; and to award to successful candidates certificates signed by trustees and teacher. Do you not think it will serve as a stimulus to greater effort on the part of pupils? Besides, I know of no examination being given before, and now the pupils seem to think they earn promotion by "being in the eighth grade" for a few terms. Will you kindly give your opinion of my plan?

We think the idea a capital one. The County Academy examination papers, besides being drawn out with great care and good judgment by the education department on the proper work of the common school course of study, is also the official test of ability for high school work. In schools where candidates are not likely to have access to these papers before their examinations, no papers could be better adapted to the purpose. We shall henceforward endeavor to publish these in our November and May issues, so that all teachers may have access to the papers as soon as possible.