Nova Scotia County Academy Entrance Examination. 1888.

THURSDAY AND FRIDAY, APRIL 26 AND 27.

ARITHMETIC AND ALGEBRA.   10 a. m. — 12 m.

1. What is the difference between Numeration and Notation? How many kinds of Notation are there?

2. A person bought 68 bales of cotton cloth comprising 67048 yds., each bale contained 34 pieces, and each piece contained the same number of yards; find the number of yards in each piece.

3. Write square measure; find the number of inches in 6 m. 2 fur. 28 rds. 2½ yds. 2 ft. 9 in.

4. Find the total cost of the following:

   17 lbs. Sugar at 6½c. per lb.

   3½ " Tea   " 40c.

   15 " Soap   " 5c.   "

   12 gals. Oil   " 32c. per gal.

   6 " Molasses at 29c. per gal.

5. Define Fraction, Denominator, Numerator, Mixed Number, and find the value of

$$\frac{\frac{1}{4} \text{ of } 5\frac{1}{2} \text{ of } \frac{1}{4}}{4\frac{1}{2} \text{ of } 8\frac{1}{4}}$$

6. What will a creditor lose on a debt of $5342 25 if he receives only 67½c. on a dollar?

7. What is Present Worth? Discount? Find the Present Worth of $1000.00 due in 1 yr. 4 mos., when money is worth 6%.

8. A man, after spending ½ of his money, and then ⅓ of the remainder, and then ¼ of what remained, had $25 00 left; how much had he at first?

9. Find the sum of $ab - bx + cd - 3am + 7ab - 6xy + 3bx - 2cd + 9am - 3xy + 4cd - 2bx - 6am + 9xy - 3x + 2y$ $2x^2 + 4ab.$

10. Multiply $a^2 + 2ab + b^2$ by $a - ab + b.$

11. Divide $4x^4 - 64$ by $2x - 4.$

GRAMMAR, ANALYSIS AND COMPOSITION.   2-3.30 p.m.

1. Name the " Parts of Speech " that " change their form in order to express difference of relation," and state what this change of form is called in each.

2. Give the Rule for the formation of the Possessive Case of Nouns, and give the declension of wife.

3. Name all the parts of speech which may be employed as " subjects " Write sentences illustrating the use of each.

4. Give the principal parts of the following verbs, classifying them as week or strong: sit, lie, lay, go, eat, dare do, split, flee, seek, bear, throw, strike, clothe, spill, creep, freeze.

5. Write in full the past progressive indicative passive of the verb take.

6. Name the Interrogative Pronouns and state the uses of each.

7. Analyze: A few weeks before the death of Elizabeth, the conquest of Ireland, which had been begun more than one hundred years before by Strongbow, was completed by Mountjoy.

8. Parse: Tell the others what I said.

GEOGRAPHY.   9 a. m. 10.30 a. m.

1. Explain the terms Equator, Axis, Poles, Plateau, Prairie, Strait, Lake.

2. Name the rivers and lakes of Nova Scotia and the chief towns of Ontario.

3. Name the provinces and territories of the Dominion; and give the boundaries of New Brunswick.

4. What States of the American Union border on the great Lakes? Give their capitals.

5. Name the coast waters of Great Britain, and give the names and situation of the Provinces of Ireland.

6. Write a short description of France.

7. Describe Africa with respect to its surface, climate and productions.

8. Where and what are the following: Tadoussac, Manitoulin, Assiniboine, Qu'Appelle, Hudson, Sierra Nevada, Havana, La Plata, Apennines, Jersey, Elbe, Belfast, Naze, Tokio, Celebes.

9. Draw outline map of Asia