

II. [4] Sept. '77. CANADIAN HISTORY. *Time, 1 hr.*

- 1 Describe in the manner of the prescribed text the character of Sir John Wentworth.
- 2 In what way are the letters of Captain Henry connected with the origin of the war of 1812?
- 3 What events completely disarranged the American plan of attack on Montreal in 1813?
- 4 Trace the public career of Papineau.
- 5 Explain the nature of the grievances which were removed when the Civil List Bill became law in New Brunswick.

Answers must be written on this paper.

II. [5] Sept. '77. MENTAL ARITHMETIC. *Time, 8 m.*

- 1 What is the interest of 60 dollars for six years and nine months at six per cent. *Ans.*
- 2 What is the price of 240 yards of cloth at 19s. 11d. per yard? ... *Ans.*
- 3 A can dig a well in 4 days, and B in 6 days; how long would it take both to dig it? *Ans.*
- 4 A spends $\frac{1}{4}$ of his time in School, $\frac{1}{3}$ in sleeping, $\frac{1}{8}$ in taking healthful exercise, $\frac{1}{12}$ at his meals. How many hours of the day remain at his disposal? *Ans.*
- 5 How many dollars have I if half as many more and $2\frac{1}{2}$ make 100? *Ans.*
- 6 A lost $\frac{1}{4}$ of his capital in trade but afterward gained \$100.00, which made his capital \$1000.00. How much money did he lose? *Ans.*

Answers must exhibit the whole operation.

II. [6] Sept. '77. ARITHMETIC. *Time, 1 hr. 30 m.*

- 1 Reduce to their lowest denominations, as ordinary fractions, the product of the two fractional sums, $\frac{1}{2} + \frac{1}{4} + \frac{1}{6} + \frac{1}{8}$ and $\frac{1}{5} + \frac{1}{3} + \frac{1}{7} + \frac{1}{9}$, and the ratio of the former to the latter.
- 2 Reduce the two sums of the preceding question with the aforesaid product and ratio to decimals; all correctly to five places.
- 3 Reduce the circulating decimal 1.52372 to a vulgar fraction in its lowest terms.
- 4 If 5 men, by laboring 10 hours a day, can mow a field of 30 acres in 10 days, how long will it take 8 men and 7 boys to mow a field containing 54 acres, provided each boy can do $\frac{7}{11}$ as much as a man.