

The St. Clair Tunnel Railway, which was opened in September runs under the St. Clair River and connects the railway system of the United States and Canada. It is about three miles long, and has cost something in the neighborhood of two millions and a half of dollars. Practically, it connects 14,000 miles of Canadian railway with 165,000 miles of United States railway. It is twenty feet in diameter, and the first work of the kind constructed on this continent to carry a railway under a river. What two towns does it directly connect?

Baron de Geer, State Geologist of Sweden, is visiting the Atlantic Provinces of Canada, observing the results of glacial action, the raised sea-beaches and other geological phenomena. What evidence is there that some land, which is now much elevated, was once under the sea?

The death of Charles Stewart Parnell, Hon. W. H. Smith, first Lord of the Treasury, and Sir John Pope Hennessy within a few hours of each other, makes a great breach in the House of Commons in England.

Dalhousie Matriculation Examination.

ENGLISH AND CANADIAN HISTORY, AND GEOGRAPHY.

Examiner: President Forrest.

1. Give brief account of History of England during 14th century.
2. Give leading events of reign of Charles II.
3. Act of Settlement 1701.
4. Sketch character of James I. What was his policy foreign and domestic?
5. What foreign alliances did England make in reign of George I.?
6. Give brief account of Chartist.
7. Write short account of Indian Mutiny.
1. "He is properly said to be the founder of the French dominion in Canada." Who is referred to? Give a short account of his work.
2. Write a short history of Port Royal.
3. Give an account of the United Empire Loyalists.
4. Give a short account of the Maroons.
5. What changes took place in the boundaries of Nova Scotia from 1760 to 1825.
6. Washington Treaty Reciprocity Treaty.
7. When and how did Canada gain possession of North-West Territories.
1. Define plateau, delta, steppe, bight, lagoon, glacier.
2. In what zones are the following places: Italy, Florida, Bermuda, Corsica, Japan, California, Peru, Patagonia, Manitoba, Alaska.
3. Locate the following places: Hamburg, Bremen, Dantzig, Delhi, Havana, Melbourne, Shanghai, Mt. St. Elias, Mt. Everest, Mt. Chimberazo.
4. Bound the following: Switzerland, Germany, Vermont, Hants Co., Albert Co., Kings Co., P. E. I.
5. Give mountain ranges of Europe, Coast waters of Asia, Chief rivers of North America, Leading cities of South America.
6. What are the chief products of Java, New Zealand, Peru, Portugal, Sweden.
7. What are the physical features of Holland, France, British Columbia, Newfoundland, Egypt, Abyssinia.

ENGLISH.

N. B.—For matriculation only the first four questions and any one of the others.

1. Write Passage (Macaulay, p. 193, The celebrated — soldier).
2. Analyse to "constituents."
3. Parse 'almost,' 'who,' 'happy,' 'was made,' 'right' (before).
4. Write a composition on The Present Political Situation in Canada, or recount the plot of any story you have read.
5. Reproduce in simple prose the ideas contained in the following lines:—

Once idly in his hall King Olave sat
Pondering, and with his dagger whittled chips;
And one drew near to him with austere lips,
Saying, "To-morrow is Monday," and at that
The king said nothing, but held forth his flat,
Broad palm, and bending on his mighty hips
Took up and mutely laid thereon the slips
Of scattered wood, as on a hearth, and gat
From off the embers near, a burning brand.
Kindling the pile with this, the dreaming Dane
Sat silent with his eyes set and his bland
Proud mouth, tight-woven, smiling, drawn with pain,
Watching the fierce fire flare, and wax and wane,
Hiss and burn down upon his shrivelled hand.

6. Write notes on the versification and plot of *Evangelina*. What is the historic basis of the poem?
7. Discuss the syntax of the following sentences, correcting where necessary:—
(a) When David came into the presence of Saul, he threw a javelin at him.
(b) 'Twas love's mistake who fancied what it feared.
(c) I do not think he was the thorough villain, which biographers have allowed themselves to represent him.
(d) If this be him we mean, let him beware.
(e) By a telegram received this morning the prince had arrived and is in the castle.
(f) Every one of us talks worse English every hour of our lives.
(g) *I* than governs both the nominative and the accusative cases.
(h) I have no reason to think other than well of you, nor do I think other, believe me.
8. Explain how the following plurals are formed: Oxen, swine, kine, brethren, feet, mice, phenomena, banditti.
9. Distinguish between transitive and intransitive verbs. Give examples.

JUNIOR MUNRO COMPETITION—ARITHMETIC AND ALGEBRA.

Examiner: Professor Macdonald.

Time, 3 hours.

1. An African traveller divided a load of 6 cwt., 1 qr., 10 pounds, into packages suited to the strength of his porters, who were 4 men, 5 women and 6 boys. Each woman carried $\frac{2}{3}$ of a man's load, and each boy $\frac{1}{4}$ more than a woman's load. What was the load of each man, each woman and each boy?
2. When you reduce a Vulgar Fraction to a Decimal, you annex cyphers to the numerator, etc. Explain the reasons of the rule, taking 7-16 as an easy example to work with.
3. Divide $x^3 + y^3 + z^3 - 3xyz$ by $x + y + z$; and show that if $x + y + z = a$, $x^2 + y^2 + z^2 = b^2$, and $x^3 + y^3 + z^3 = c^3 + 3xyz$, then $a^3 + 2c^3 = 3ab$?