

- (b) A compound curve and a reversed curve.
 (c) An ellipse and an oval.
 (d) A square and a rectangle.
3. Draw from memory, without the aid of ruler, compasses or other mechanical help, *two* of the following, making each drawing not less than two inches wide.
- (a) A rosette composed of simple curves symmetrically placed in a square.
 (b) A vase outlined by compound reversed curves.
 (c) A design composed of conventionalized forms.

USEFUL KNOWLEDGE. *Time, 1 hr.*

1. Make a list of the principal forest trees of New Brunswick, and name the industries connected with each.
2. Write what you know of the useful minerals of New Brunswick from the following heads: mineral, where found, uses.
3. Explain the beneficial results to be derived from (a) ploughing, (b) the uses of manures, and (c) rotation of crops.
4. "A house is merely an outer garment." "The human body may be compared to a steam engine." Explain these statements.
5. Name the rules of health to be observed in respect to (a) food, (b) clothing, (c) exercise, (d) rest, (e) ventilation, (f) the use of alcohol in any form.

N. B.—Any four of the above taken as a full paper.

SUPERIOR SCHOOL COURSE.

The following course of instruction for superior schools, was submitted to the N. B. Provincial Institute in July last.

STANDARD IX.

- READING. Royal Reader No. VI.
 WRITING. Prescribed text-book.
 ARITHMETIC. Equation of payments, profit and loss, exchange between Canada and England, square and cube root with applications.
 COMPOSITION. Text-book completed, a written translation semi-monthly from the classics. *Modern Course*—One English classic.
 GEOMETRY. Hamlin & Smith, to the end of Book II.
 ALGEBRA. Investigation of formulæ in general results, first section of simple equations and problems G. C. M. and L. C. M.
 GEOGRAPHY. *Classical Course*—Ancient geography. *Modern Course*—Remaining British colonies, general geography of Asia, with special reference to the geography of India, and problems on the globe.
 HISTORY. Swinton's Outlines.
 DRAWING. Continued.
 GRAMMAR. *Modern Course*—Parsing and analysis from the reader.
 LATIN. Bryce's Second Reader. Extracts from Cæsar.
 GREEK. Bryce's First Reader, as far as the verbs.
 FRENCH. (Optional).
 PLANT LIFE. (Optional).
 ANIMAL LIFE. Hygiene.
 PHYSICS. Hotze's text completed.

- BOOK-KEEPING. Single entry.
 MENSURATION. Parallelograms, polygons, quadrilaterals and circles.

STANDARD X.

- READING. Royal Reader No. VI.
 ARITHMETIC. Stocks, consuls, arbitrations of exchange, principles of logarithms.
 COMPOSITION. Dalgleish's advanced text to versification. Essay once a fortnight. Translation from classics fortnightly.
 GEOMETRY. Hamlin & Smith, Book III.
 ALGEBRA. Todhunter, to problems involving two unknown quantities
 GEOGRAPHY. Europe in detail. Problems on the globe.
 HISTORY. Swinton's Outlines.
 DRAWING. Continued (for modern course.)
 GRAMMAR. Same as in Standard IX.
 LATIN. Virgil, Book I. Latin prose composition.
 GREEK. Bryce's First Reader completed.
 FRENCH. (Optional).
 PLANT LIFE. (Optional).
 ANIMAL LIFE. Physiology, Brown's text.
 BOOK-KEEPING. Double entry.
 MENSURATION. Land surveying, Loomis' trigonometry.
 POLITICAL ECONOMY. Mrs. Fawcett.

STANDARD XI.

- READING.
 LITERATURE. An English classic. Versification.
 TRIGONOMETRY. Plane trigonometry, Loomis.
 PHILOSOPHY. Wormell's Natural Philosophy. Dynamics.
 GEOMETRY. Hamlin & Smith, Book IV.
 ALGEBRA. Todhunter, through quadratic equations.
 GEOGRAPHY. Text-book completed.
 HISTORY. Swinton's Outlines.
 DRAWING. Continued for modern course.
 LATIN. Virgil, Book II. One oration of Cicero.
 GREEK. Extracts from Bryce's Second Reader. Homer, Book I, to the end of line 303.
 POLITICAL ECONOMY. Continued.

S. C. WILBUR,
 P. G. McFARLANE,
 PHILIP COX,
 J. W. HICKSON. } *Committee.*

OFFICIAL NOTICES.

Elementary Natural History.

The Board of Education has been pleased to prescribe for use in the Public Schools of the Province, Professor Bailey's Elementary Natural History, published by Messrs J. & A. McMillan, St. John.

This little work treats of Minerals, Plants, and Animals, with special reference to those of our own Provinces, and is designed as a text-book for pupils in Standard IV. in ungraded schools, and for pupils in advance of Standard V. in graded schools.

The requirements of the Course of Instruction in respect of these subjects have not heretofore received that amount of attention which either their educative or practical value deserves, owing chiefly to the want of suitable sources of information. As this want is now supplied by means of this elementary