

**LIFE SCIENCES - Grade 10****TOPIC TEST: History of Life on Earth****MARKS :30****TIME: 30 minutes****SECTION A****QUESTION 1**

Various options are given as possible answers to the following questions. Choose the answer and write only the letter (A to D) next to the question number (1.1 to 1.5) in the **ANSWER BOOK**, for example 1.6 D.

- 1.1 Palaeontology is a study of \_\_\_\_.
- A. the half-life of radioactive substances.
  - B. continental drift.
  - C. fossils.
  - D. changes during the Cambrian explosion.
- 1.2 Which method allows scientists to say that one fossil is older than the other?
- A. Fossilization
  - B. Relative dating
  - C. Petrification
  - D. Radiometric dating
- 1.3 A period in the earth's history where global temperatures plummet and there is extensive glaciation is known as \_\_\_\_.
- A. the greenhouse effect.
  - B. a cold spell.
  - C. a hole in the ozone.
  - D. an ice age.
- 1.4 \_\_\_\_ are the richest sources of fossils.
- A. Layers of strata
  - B. Index fossils
  - C. Mineral salts
  - D. Sedimentary rocks

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**John R. Dunlap**



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