

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.
- 1.4are the richest sources of fossils
- A Layers of strata
 - B Index fossils
 - C Mineral salts
 - D Sedimentary rocks

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