

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

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**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

# Life Science Grade 1memorandum Paper September 2014

**M Woodhall**



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