

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

Life Science Control Test March Paper 24

Julia Schneider



Life Science Control Test March Paper 24:

Reviewing **Life Science Control Test March Paper 24**: Unlocking the Spellbinding Force of Linguistics

In a fast-paced world fueled by information and interconnectivity, the spellbinding force of linguistics has acquired newfound prominence. Its capacity to evoke emotions, stimulate contemplation, and stimulate metamorphosis is truly astonishing. Within the pages of "**Life Science Control Test March Paper 24**," an enthralling opus penned by a highly acclaimed wordsmith, readers set about an immersive expedition to unravel the intricate significance of language and its indelible imprint on our lives. Throughout this assessment, we shall delve in to the book is central motifs, appraise its distinctive narrative style, and gauge its overarching influence on the minds of its readers.

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buffers typically consist of an acid base pair with the acid and base differing by the presence or absence of a proton a conjugate acid base pair for instance one of the buffers that maintain the ph of human blood involves carbonic acid H_2CO_3 and its conjugate base the bicarbonate ion HCO_3^-

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acids bases 3 and enzymes many acids and bases in living things provide the ph that enzymes need enzymes are biological

catalysts that must work effectively for biochemical reactions to occur most enzymes can do their job only at a certain level of acidity cells secrete acids and bases to maintain the proper pH for enzymes to do their work

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acid base titration difference between acid and base acids and bases definition an acid is any hydrogen containing substance that is capable of donating a proton hydrogen ion to another substance a base is a molecule or ion able to accept a hydrogen ion from an acid acidic substances are usually identified by their sour taste

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a binary acid is an acid that consists of hydrogen and one other element the most common binary acids contain a halogen the acid name begins with the prefix hydro followed by the base name of the anion followed by the suffix ic

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oct 18 2023 most of the acids are solid it has a sour taste they produce hydrogen after reacting with active metals like zinc magnesium aluminium or iron acids have a low pH value i.e. below 7 salts and water are produced when an acid reacts with base or alkalis most of the acids are solids

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the reaction of an acid and a base is called a neutralization reaction although acids and bases have their own unique chemistries the acid and base cancel each other s chemistry to produce a rather innocuous substance water in fact the

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