

GEOLOGY AND ENVIRONMENTAL EARTH SCIENCE

Time allowed: 1.5 hours (90 minutes)

All candidates should complete Section A,
and answer **one question only** from Section B

SECTION A (50%)

All candidates must complete this section

1. Why is Geology globally important?
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SECTION B (50%)

Candidates should **answer one** of the following questions:

1. Describe the internal structure of the earth.
2. Choosing either 'sedimentary', 'igneous' or 'metamorphic' rocks, describe how they are formed and classified.
3. Briefly describe three of the main principal groups of invertebrate fossils.
4. Describe the key properties used to identify minerals.
5. Name the different types of seismic waves and explain how they are generated.