

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 important for sustainable development?
-

SECTION B (50%)

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

1. Describe the internal structure of the Earth and what tools or techniques we use to study the Earth's interior.
2. Choosing either 'sedimentary', 'igneous' or 'metamorphic' rocks, describe how they are formed and classified.
3. Describe the key properties used to identify minerals.
4. Explain how the study of modern sedimentary environments can help us understand ancient sedimentary deposits.
5. Describe the processes that occur when two tectonic plates diverge.