

GEOLOGY

Time Allowed – 1.5 hours

Instructions to candidates: you must answer 2 questions from a choice of 8.

1. Describe the key properties used to identify minerals.
2. Discuss the following: 'There is an association between landscape and underlying geology in Britain'. Give examples to support your answer.
3. Describe the processes that occur when two tectonic plates collide.
4. Describe the internal structure of the earth.
5. Describe how metamorphic rocks are formed and how they are classified.
6. Describe the stratigraphic and structural context in which hydrocarbon reservoirs are formed.
7. Describe the processes that lead to the preservation of fossils.
8. Explain how the study of modern sedimentary environments can help us understand ancient sedimentary deposits.