

GEOLOGY

Time Allowed – 1.5 hours

TWO questions should be attempted

- 1) Describe the key properties used to identify minerals.
- 2) Summarise the geology of your home county.
- 3) Briefly describe three of the main principal groups of invertebrate fossils.
- 4) Describe the internal structure of the earth.
- 5) Describe how metamorphic rocks are formed and how they are classified.
- 6) Describe and contrast three types of tectonic plate boundaries.
- 7) Describe how seismic waves are generated, and describe the different types of seismic waves.
- 8) Describe the stratigraphic and structural context in which hydrocarbon reservoirs are formed.