

Geology

Time allowed – 1.5 hours
2 questions should be attempted

- 1) Earthquakes generate seismic waves. Describe the different types of seismic waves and explain how they can be used to determine the internal structure of the Earth.
- 2) Describe the key properties used to identify minerals.
- 3) Describe how igneous rocks are classified in terms of minerals present, composition and texture (grain size etc.).
- 4) Describe how metamorphic rocks are formed and how they are classified.
- 5) Describe how sedimentary rocks are formed and how they are classified.
- 6) Describe three of the main principal groups of invertebrate fossils.
- 7) Describe three major types of plate tectonic boundaries.