

ENVIRONMENTAL SCIENCE

Time Allowed – 1.5 hours

Instructions to candidates: Candidates to answer **two** questions only

- 1) Describe how either the carbon or the nitrogen cycle works, and explain how human activity can influence its operation.
- 2) Is 'rewilding' a realistic and sustainable way of managing landscapes in the UK?
- 3) Describe the causes and consequences of anthropogenic climate change.
- 4) Assess the impacts of sea level rise and oceanic warming on coastal ecosystems.
- 5) Outline the arguments for and against fracking as part of the UK's future energy supply.
- 6) What are the impacts of deforestation on biodiversity, soils and climate?