

PHYSICAL GEOGRAPHY

Time Allowed – 1.5 hours

Instructions to candidates: 2 questions should be attempted.

1. Describe the main landforms present along the coast of the United Kingdom and explain the processes that have contributed to creating each landform.
2. What are the principle causes of climate change on the timescale of a few centuries?
3. Summarise the most important geomorphological features or landforms in your home area.
4. Examine the controls on glacier flow and explain why different glaciers move at different rates
5. Outline and evaluate the environmental and social risks and benefits associated with shale gas extraction (fracking)
6. What are the main *causes* and *processes* of desertification?
7. With reference to named species, explain why alien plants and animals introduced to Britain are widely believed to be a threat to native biodiversity
8. There is global concern over the effects of sea level rise. Describe the mechanisms behind eustatic sea level rise.
9. Give an example of a landform characteristic of karst landscapes dominated by carboniferous limestone, referring to the mechanisms by which it is formed.
10. Describe the negative effects of large dams on rivers. Use examples to support your answer.