

General Certificate of Education
June 2008
Advanced Level Examination



GEOGRAPHY (SPECIFICATION B)
Unit 4 Global Change

GGB4

Friday 6 June 2008 9.00 am to 10.30 am

For this paper you must have:

- an 8-page answer book.

Time allowed: 1 hour 30 minutes

Instructions

- Use black ink or black ball-point pen. Pencil should only be used for drawing.
- Write the information required on the front of your answer book. The *Examining Body* for this paper is AQA. The *Paper Reference* is GGB4.
- Answer **two** questions: **one** from Section A and **one** from Section B.
- Give sketch maps, diagrams and specific examples, where appropriate.

Information

- The maximum mark for this paper is 50.
- The marks for questions (or part questions) are shown in brackets.
- All questions should be answered in continuous prose where appropriate. You will be marked on your ability to use an appropriate form and style of writing, to organise relevant information clearly and coherently, and to use specialist vocabulary where appropriate. The legibility of your handwriting and the accuracy of your spelling, punctuation and grammar will also be considered.

SECTION A

Answer **one** question from this section.

Each question carries 25 marks.

- 1** (a) Identify and describe the various types of humus that can exist in a soil. *(5 marks)*
- (b) With reference to **either** a brown earth **or** a podsol **or** a gley soil:
- (i) using **only** a labelled diagram, show the main characteristics of the soil profile *(5 marks)*
- (ii) explain how these characteristics have developed in the soil profile. *(7 marks)*
- (c) Using examples from any soil(s) in the British Isles that you have studied, explain how soils can be changed by human activity. *(8 marks)*

- 2** Answer the following by referring to **one** of the following hazards:

either Tropical cyclones **or** Earthquakes.

- (a) Describe the global distribution of the hazard. *(5 marks)*
- (b) Explain the origins of the hazard. *(5 marks)*
- (c) With reference to examples, describe the effects of the hazard on the physical, built and human environments. *(7 marks)*
- (d) Discuss the ways in which people and organisations respond to the hazard and its effects. *(8 marks)*

SECTION B

Answer **one** question from this section.

Each question carries 25 marks.

- 3** Write an account of the nature and scale of climatic change in the past 20 000 years up to the present day.

In your account:

- describe the major climatic changes that have taken place
- outline the evidence for these climatic changes
- discuss the likelihood of further climatic change and its possible effects. *(25 marks)*

- 4** Write an account of the growth and impacts of transnational corporations (TNCs) and their relationship with global products and global marketing.

In your account:

- describe the reasons for the growth of TNCs
- outline the relationships between TNCs, global products and global marketing
- discuss the impacts of TNCs on the countries in which they operate. *(25 marks)*

END OF QUESTIONS

There are no questions printed on this page