

General Certificate of Education
January 2005
Advanced Level Examination



GEOGRAPHY (SPECIFICATION B)
Unit 4 Global Change

GGB4

Friday 28 January 2005 Morning Session

In addition to this paper you will require:

- an 8 page answer book.

Time allowed: 1 hour 30 minutes

Instructions

- Use blue or black ink or 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.
- Mark allocations are shown in brackets.
- You will be assessed 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 degree of legibility of your handwriting and the level of accuracy of your spelling, punctuation and grammar will also be taken into account.

SECTION A

Answer **one** question from this Section.

Each question carries 25 marks.

- 1 (a) Describe the major climatic fluctuations in temperature and precipitation in the British Isles since the Pleistocene Ice Age. (7 marks)
- (b) Outline **two** pieces of evidence for climatic change. (7 marks)
- (c) What is meant by the term “*global warming*”? (4 marks)
- (d) Discuss **two** possible consequences of global warming for the British Isles. (7 marks)
- 2 (a) Describe the growth of **one** group of nations (such as the European Union) in the last 30 years. (7 marks)
- (b) Outline **two** pieces of evidence that demonstrate attitudes in favour of the grouping of nations. (7 marks)
- (c) What is meant by the term “*separatist pressure*”? (4 marks)
- (d) Discuss **two** possible consequences of separatist pressures. (7 marks)

SECTION B

Answer **one** question from this Section.

Each question carries 25 marks.

- 3 Write an account of the importance of transnational corporations (TNCs) and newly industrialising countries (NICs) in the changing global economy.

In your account you should:

- define each of the terms “*transnational corporations (TNCs)*” and “*newly industrialising countries (NICs)*”, giving examples of each
- describe the social and economic impacts that they have had on countries and/or the world
- evaluate their importance in the changing global economy.

(25 marks)

- 4 Write an account of the changing nature of vegetation in the British Isles, including the effects of human activities on the climax vegetation.

In your account you should:

- define each of the terms “*vegetation succession*” and “*climax vegetation*”
- describe the succession known as a lithosere, and explain the processes involved
- evaluate the effects of human activity on vegetation successions in the British Isles.

(25 marks)

END OF QUESTIONS