

General Certificate of Education
January 2004
Advanced Level Examination



GEOGRAPHY (SPECIFICATION B)
Unit 4 Global Change

GGB4

Wednesday 28 January 2004 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** Answer the following with reference to a conflict at a local level over the use of a resource that you have studied.
- (a) What is meant by each of the terms “market processes” and “planning processes”? *(6 marks)*
 - (b) Outline the origin of the conflict over the use of a resource in **one** area. *(5 marks)*
 - (c) Identify the main participants in the conflict, and describe their attitudes to the conflict. *(7 marks)*
 - (d) Explain the ways in which the conflict is being or has been resolved. *(7 marks)*
- 2** Answer the following with reference to the tropical regions of Africa with wet and dry seasons.
- (a) Describe the seasonal variations in wind direction, precipitation and temperature in these regions. *(7 marks)*
 - (b) Outline the hydrological responses to these seasonal variations. *(5 marks)*
 - (c) With the aid of a diagram, state what is meant by the term “soil moisture budget”. *(6 marks)*
 - (d) Explain the ways in which the vegetation of these regions is adapted to the seasonal variations in climate. *(7 marks)*

SECTION B

Answer **one** question from this Section.

Each question carries 25 marks.

- 3 “The present-day characteristics of the soils and vegetation of the British Isles have been greatly influenced by human activities.”

Discuss this statement.

In your answer, and in the context of the British Isles:

- describe the effects of human activity on the characteristics of soils;
- outline the effects of human activities on vegetation successions;
- evaluate the importance of human activities in the development of soils and vegetation.

(25 marks)

- 4 “National government policies have been used successfully to influence the core/periphery relationship within a country.”

Discuss this statement.

In your answer, and in the context of one named country (excluding the UK):

- describe the core/periphery relationship that existed;
- outline the national government policies that have been or are being put in place;
- evaluate the success of these policies.

(25 marks)

END OF QUESTIONS