

General Certificate of Education  
June 2005  
Advanced Level Examination



**GEOGRAPHY (SPECIFICATION B)**  
**Unit 4 Global Change**

**GGB4**

Tuesday 14 June 2005 Afternoon 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.

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**SECTION A**

Answer **one** question from this Section.

Each question carries 25 marks.

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- 1** (a) In the context of economic development, define each of the following terms:
- (i) core
  - (ii) periphery. *(4 marks)*
- (b) With reference to one named LEDC or MEDC (excluding the UK):
- (i) describe the core/periphery relationship that exists in that country *(6 marks)*
  - (ii) outline the effects that the relationship has on national development *(7 marks)*
  - (iii) discuss national government policies towards the development issues that have arisen. *(8 marks)*
- 2** (a) In the context of the theory of plate tectonics, define each of the following terms:
- (i) a destructive plate margin
  - (ii) a constructive plate margin. *(4 marks)*
- (b) Describe the global pattern of tectonic activity. *(6 marks)*
- (c) Choose **either** destructive plate margins **or** constructive plate margins and outline the effects of tectonic processes on the physical environment. *(7 marks)*
- (d) Discuss the evidence that supports the theory of plate tectonics. *(8 marks)*

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**SECTION B**

Answer **one** question from this Section.

Each question carries 25 marks.

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**3** “The types of response to hazards vary according to the area in which they occur.”

Discuss this statement with reference to one case study of one major urban area where multiple hazards occur.

In your answer you should:

- identify the hazards that affect the urban area, giving their origin, frequency and scale
- describe the effects that the hazards have on the area, including at least one inter-relationship between them
- discuss the types of response to the hazards.

*(25 marks)*

**4** “The characteristics of the vegetation of the tropical regions of Africa with wet and dry seasons are more the outcome of continued human activity than a response to the climatic conditions.”

Discuss this statement.

In your answer you should:

- identify the main features of the natural vegetation of these regions
- describe the effects of human activities on the vegetation of these regions
- discuss the adaptations of this vegetation to the climatic conditions.

*(25 marks)*

**END OF QUESTIONS**

**THERE ARE NO QUESTIONS PRINTED ON THIS PAGE**