

**ADVANCED GCE
GEOGRAPHY B**

Issues in the Environment

WEDNESDAY 23 JANUARY 2008

2691

Afternoon
Time: 2 hours

Additional materials (enclosed): Resource Material 2691/RM

Additional materials (required): Answer Booklet (16 pages)



INSTRUCTIONS TO CANDIDATES

- Write your name in capital letters, your Centre Number and Candidate Number in the spaces provided on the Answer Booklet.
- Read each question carefully and make sure you know what you have to do before starting your answer.
- Answer **two** questions, **one** question from **List A** and **one** question from **List B**.

List A – Physical Options

- Question 1: Natural Hazards and Human Responses
- Question 2: Climate and Society
- Question 3: Cold Environments and Human Responses
- Question 4: Tropical Environments and People

List B – Human Options

- Question 5: Food Supply: Management and Change
- Question 6: Changing Urban Places
- Question 7: Leisure and Tourism
- Question 8: The Globalisation of Economic Activity

INFORMATION FOR CANDIDATES

- The number of marks for each question is given in brackets [] at the end of each question or part question.
- The total number of marks for this paper is **90**.
- You will be awarded marks for the quality of written communication where an answer requires a piece of extended writing.
- Even when not specifically asked for, credit will be given for sketch maps, diagrams and examples of places which you have studied, providing they serve to illustrate your answer.

This document consists of **6** printed pages, **2** blank pages and Resource Material.

List A – Physical Options

Answer **one** question from List A – Physical Options.

1 Natural Hazards and Human Responses

(a) Study Fig. 1.

To what extent does Fig. 1 illustrate the vulnerability of settlements to flooding? [20]

(b) **either**

(i) Describe and explain the distribution of tectonic hazards. [25]

or

(ii) Examine the importance of short and long term aid as responses to natural disasters in LEDCs. [25]

2 Climate and Society

(a) Study Fig. 2.

To what extent does Fig. 2 suggest that global warming is occurring? [20]

(b) **either**

(i) 'Climate change presents challenges for economic development.' Discuss. [25]

or

(ii) Consider the causes and effects of short term climate hazards. [25]

3 Cold Environments and Human Responses

(a) Study Fig. 3.

Examine the importance of the landscape in attracting tourists to cold environments. Use Fig. 3 to support your answer. [20]

(b) **either**

(i) To what extent are cold environments threatened by economic development? [25]

or

(ii) Describe and explain landforms associated with glacial deposition. [25]

4 Tropical Environments and People

(a) Study Fig. 4.

To what extent does Fig. 4 illustrate the impact of exploitative forms of development in tropical environments? [20]

(b) **either**

(i) Compare and contrast the characteristics of two tropical ecosystems. [25]

or

(ii) 'For agriculture to be sustainable in tropical areas it must be managed with a full understanding of the physical environment.' Discuss. [25]

List B – Human Options

Answer **one** question from List B – Human Options.

5 Food Supply: Management and Change

(a) Study Fig. 5.

To what extent does Fig. 5 suggest that under-nutrition is a global problem? [20]

(b) **either**

(i) Consider the view that different natural environments have varying potential for food production. [25]

or

(ii) To what extent has technology become the major influence on agricultural production? [25]

6 Changing Urban Places

(a) Study Fig. 6.

To what extent does Fig. 6 illustrate the challenges of rapid urbanisation?
Use Fig. 6 to support your answer. [20]

(b) **either**

(i) Examine the ways that governments attempt to manage urban change. [25]

or

(ii) Consider the impact of economic problems on one MEDC city that you have studied. [25]

7 Leisure and Tourism

(a) Study Fig. 7.

To what extent can tourism play an important part in the economic development of LEDCs?

Use Fig. 7 to support your answer.

[20]

(b) **either**

(i) 'Rising incomes have been the main influence on the provision of leisure and tourist facilities.' Discuss.

[25]

or

(ii) Consider the view that the development of tourism is always a balance between economic benefits and environmental costs.

[25]

8 The Globalisation of Economic Activity

(a) Study Fig. 8.

'The globalisation of economic activity can have both positive and negative impacts in LEDCs.' Discuss

Use Fig. 8 to support your answer.

[20]

(b) **either**

(i) To what extent have changes in communications led to the increasing globalisation of economic activity?

[25]

or

(ii) Describe and explain the spatial organisation of a transnational corporation you have studied.

[25]

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