



ADVANCED SUBSIDIARY GCE
GEOGRAPHY
Managing Physical Environments

F761

Candidates answer on the question paper

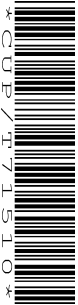
OCR Supplied Materials:

- An Insert (inserted)

Other Materials Required:
None

Monday 12 January 2009
Morning

Duration: 1 hour 30 minutes



Candidate Forename		Candidate Surname	
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Centre Number						Candidate Number				
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INSTRUCTIONS TO CANDIDATES

- Write your name clearly in capital letters, your Centre Number and Candidate Number in the boxes above.
- Use black ink. Pencil may be used for graphs and diagrams only.
- Read each question carefully and make sure that you know what you have to do before starting your answer.
- Answer **two** questions from Section A, Question 1 **or** 2 and Question 3 **or** 4.
- Answer **one** question from Section B. **The question answered must be on a different topic from the two topics chosen in Section A.**
- Answer **three** questions in total.
- Refer to research and fieldwork where appropriate.
- Do **not** write in the bar codes.
- Write your answer to each question in the space provided, however additional paper may be used if necessary.

INFORMATION FOR CANDIDATES

- The number of marks is given in brackets [] at the end of each question or part question.
- The Insert contains maps and diagrams for use with questions.
- The total number of marks for this paper is **75**.
- You will be awarded marks for the quality of written communication where an answer requires a piece of extended writing.
- Even where not specifically asked for, credit will be given for sketch maps and diagrams, provided they illustrate your answer.
- This document consists of **16** pages. Any blank pages are indicated.

Section A

Answer **two** questions, Question 1 **or** 2 and Question 3 **or** 4

Answer question 1 **or** 2

River Environments

1 (a) Study Fig. 1, a photograph of part of the Blyde River, South Africa.

(i) Identify the **four** features of river erosion, **A**, **B**, **C** and **D**, shown in Fig. 1.

A

B

C

D [4]

(ii) Explain how channel processes have influenced **one** of these features.

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(b) Show how **two** factors influence river deposition.

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Coastal Environments

2 (a) Study Fig. 2, a photograph of Dunmore Head, Dingle Peninsula, western Ireland.

(i) Identify the **four** landforms of coastal erosion, **A**, **B**, **C** and **D**, shown in Fig. 2.

- A
- B
- C
- D [4]

(ii) Explain how wave action has influenced **one** of these landforms.

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(b) Show how **two** factors influence coastal deposition.

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Cold Environments

3 (a) Study Fig. 3, a climate graph for Tomsk, Russia.

(i) Identify the main features of the climate at Tomsk, Russia shown in Fig. 3.

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(ii) Explain how vegetation has adapted to such climatic conditions.

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(b) Suggest **two** ways in which human activity makes cold environments ecologically vulnerable.

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Hot Arid and Semi-Arid Environments

4 (a) Study Fig. 4, a climate graph for Salah, Algeria.

(i) Identify the main features of the climate at Salah, Algeria shown in Fig. 4.

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(ii) Explain how vegetation has adapted to such climatic conditions.

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(b) Suggest **two** ways in which human activity makes hot arid/semi-arid environments ecologically vulnerable.

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Section B

Answer **one** of the following questions.

The question answered must be on a different topic from the two topics chosen in Section A.

River Environments

- 5 With reference to specific river basins, examine how their management is often about balancing socio-economic and environmental needs. [25]

Coastal Environments

- 6 With reference to specific coastal areas, examine how their management is often about balancing socio-economic and environmental needs. [25]

Cold Environments

- 7 With reference to located examples, discuss the opportunities and challenges for development in cold environments. [25]

Hot Arid and Semi-Arid Environments

- 8 With reference to located examples, discuss the opportunities and challenges for development in hot arid/semi-arid environments. [25]

Essay plan for your answer

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A series of 25 horizontal dotted lines spanning the width of the page, intended for handwriting practice.

A series of horizontal dotted lines for writing.

