

THIS IS A NEW SPECIFICATION



ADVANCED SUBSIDIARY GCE
GEOGRAPHY
 Managing Physical Environments

F761

Candidates answer on the Question Paper

OCR Supplied Materials:

- An Insert (F761/I – inserted)

Other Materials Required:

None

Friday 21 May 2010
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. If additional space is required, you should use the lined pages at the end of this booklet. The question number(s) must be clearly shown.

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 **20** 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.

EITHER

River Environments

1 (a) Study Fig. 1, a graph showing the estimated average monthly sediment load for a point on the River Wye.

(i) Describe the pattern of average monthly sediment load shown in Fig. 1.

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(ii) Explain **two** possible reasons for this pattern.

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OR

Coastal Environments

2 (a) Study Fig. 2, a graph showing variations in mean pebble size with distance from a cliff along a beach at La Malbaie, Quebec, Canada.

(i) Describe the variations in mean pebble size with distance from the cliff in Fig. 2.

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(ii) Explain **two** possible reasons for these variations.

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(b) Show how hard engineering methods can protect coastlines from natural processes.

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Answer Question 3 or 4.

EITHER

Cold Environments

3 (a) Study Fig. 3, a map of the present-day distribution of ice masses.

(i) Describe the distribution of ice masses shown in Fig. 3.

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(ii) Explain how climatic conditions lead to the formation of ice masses.

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OR

Hot Arid and Semi-Arid Environments

4 (a) Study Fig. 4, a map of the present-day distribution of hot arid and semi-arid environments.

(i) Describe the distribution of hot arid and semi-arid environments shown in Fig. 4.

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(ii) What are the differences between the climatic characteristics of hot arid and semi-arid environments?

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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 one or more river basins, examine the factors affecting the development of landforms of fluvial deposition. [25]

Coastal Environments

- 6 With reference to one or more coastlines, examine the factors affecting the development of landforms of coastal deposition. [25]

Cold Environments

- 7 With reference to located examples, explain how human and physical factors make ecosystems in cold environments vulnerable to damage. [25]

Hot Arid and Semi-Arid Environments

- 8 With reference to located examples, explain how human and physical factors make ecosystems in hot arid/semi-arid environments vulnerable to damage. [25]

Essay plan for your answer.

A series of horizontal dotted lines for writing, spanning the width of the page.

A series of horizontal dotted lines for writing.

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Additional Pages:

If you use the following lined pages to complete the answer(s) to any question(s), the question number(s) must be clearly shown.

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