

Wednesday 18 January 2012 – Morning

AS GCE GEOGRAPHY

F761 Managing Physical Environments

Candidates answer on the Question Paper.

OCR supplied materials:

- An Insert (F761/I – inserted)

Other materials required:

None

Duration: 1 hour 30 minutes



Candidate forename		Candidate surname	
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Centre number						Candidate number				
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INSTRUCTIONS TO CANDIDATES

- The Insert will be found in the centre of this document.
- Write your name, centre number and candidate number in the boxes above. Please write clearly and in capital letters.
- Use black ink. HB pencil may be used for graphs and diagrams only.
- 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.
- Read each question carefully. Make sure you know what you have to do before starting your answer.
- Write your answer to each question in the space provided. If additional space is required, you should use the lined page(s) at the end of this booklet. The question number(s) must be clearly shown.
- Do **not** write in the bar codes.

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 Study Fig. 1, which shows downstream changes in average sediment size for the Mississippi River.

(a) Describe the changes shown in Fig. 1.

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(b) Outline **two** ways by which rivers transport sediment.

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OR

Coastal Environments

2 Study Fig. 2, which shows the relationship between wave energy and angle of beach profile for a sample of 12 beaches.

(a) Describe the relationship shown in Fig. 2.

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(b) Outline **two** ways by which waves transport sediment.

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(c) Explain **two** ways in which coastal areas are managed to resolve possible conflicts.

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OR

Hot Arid and Semi-Arid Environments

4 (a) Study Fig. 4, a diagram of an arid environment.

(i) Describe **two** opportunities for human activities provided by this arid environment.

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(ii) Explain **two** ways in which these activities could help the economic development of the area.

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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 located examples, examine ways in which river basins can be a multi-use resource. [25]

Coastal Environments

- 6 With reference to located examples, examine ways in which coastal areas can be a valuable resource. [25]

Cold Environments

- 7 Explain the formation of distinctive erosional landforms found in one or more named cold environments. [25]

Hot Arid and Semi-Arid Environments

- 8 Explain the formation of distinctive erosional landforms found in one or more named hot arid/semi-arid environments. [25]

Essay plan for your answer.

Write the number of the question answered in the margin.

A large vertical margin area on the left side of the page, bounded by a solid vertical line on the left and a dotted vertical line on the right. The area contains 25 horizontal dotted lines for writing.

A large rectangular area on the page, bounded on the left by a solid vertical line and on the top, bottom, and right by horizontal dotted lines. This area is intended for writing or drawing.

A large rectangular area for writing, bounded by a solid vertical line on the left and horizontal dotted lines on the top, bottom, and right.

A large rectangular area on the page, bounded on the left by a solid vertical line and on the top, bottom, and right by horizontal dotted lines. This area is intended for writing or drawing.

ADDITIONAL ANSWER SPACE

If additional answer space is required, you should use the following lined page(s). The question number(s) must be clearly shown in the margins.

A large rectangular area for writing answers. It features a solid vertical line on the left side and horizontal dotted lines extending across the page, creating a series of rows for text entry.

A large rectangular area with a solid vertical line on the left and horizontal dotted lines, providing a space for writing answers.



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