



Wednesday 18 January 2012 – Morning

## AS GCE GEOGRAPHY

**F761** Managing Physical Environments

Candidates answer on the Question Paper.

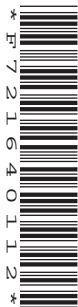
**OCR supplied materials:**

- An Insert (F761/I – inserted)

**Other materials required:**

None

**Duration:** 1 hour 30 minutes



Candidate forename		Candidate surname	
-----------------------	--	----------------------	--

Centre number						Candidate number				
---------------	--	--	--	--	--	------------------	--	--	--	--

### 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.

.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
..... [4]

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

.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
..... [6]





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.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

..... [4]

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

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

..... [6]





Answer Question 3 or 4.

**EITHER**

**Cold Environments**

**3 (a)** Study Fig. 3, a diagram of a cold environment.

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

.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
..... [4]

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

.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
..... [6]







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.

.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
..... [4]

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

.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
..... [6]





14

**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.

15

Write the number of the question answered in the margin.

A large vertical rectangular area with a solid left border and horizontal dotted lines, intended for writing the number of questions answered.

A large grid of dotted lines for writing, consisting of 25 horizontal rows and a vertical line on the left side.



A large rectangular area for writing, bounded by a solid vertical line on the left and a solid horizontal line at the bottom. The interior is filled with horizontal dotted lines, providing a guide for handwriting.

A large rectangular area with a solid vertical line on the left and horizontal dotted lines, resembling a writing template or a table grid. The dotted lines are spaced evenly and extend across the width of the page.

**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 is bounded on the left by a solid vertical line and on the top, bottom, and right by horizontal dotted lines. The interior of the rectangle is empty, providing space for handwritten text.

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



**Copyright Information**

OCR is committed to seeking permission to reproduce all third-party content that it uses in its assessment materials. OCR has attempted to identify and contact all copyright holders whose work is used in this paper. To avoid the issue of disclosure of answer-related information to candidates, all copyright acknowledgements are reproduced in the OCR Copyright Acknowledgements Booklet. This is produced for each series of examinations and is freely available to download from our public website ([www.ocr.org.uk](http://www.ocr.org.uk)) after the live examination series. If OCR has unwittingly failed to correctly acknowledge or clear any third-party content in this assessment material, OCR will be happy to correct its mistake at the earliest possible opportunity.

For queries or further information please contact the Copyright Team, First Floor, 9 Hills Road, Cambridge CB2 1GE.

OCR is part of the Cambridge Assessment Group; Cambridge Assessment is the brand name of University of Cambridge Local Examinations Syndicate (UCLES), which is itself a department of the University of Cambridge.