

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 14 January 2011
Morning

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. Pencil may be used for graphs and diagrams only.
- 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 pages at the end of this booklet. The question number(s) must be clearly shown.
- 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.

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 photograph showing the East Lyn River, Devon.

(i) Describe the main features of the river and its valley shown in Fig. 1.

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

(ii) Suggest how **two** natural processes are shaping this valley.

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

OR

Coastal Environments

2 (a) Study Fig. 2, a photograph showing the coastline near Lynmouth, Devon.

(i) Describe the main features of the coastline shown in Fig. 2.

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

(ii) Suggest how **two** natural processes are shaping this coastline.

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

Answer Question 3 or 4.

EITHER

Cold Environments

3 (a) Study Fig. 3, two maps showing annual days of melt on the Greenland ice sheet in 1979 and 2007.

(i) Describe the pattern of change in annual days of melt shown in Fig. 3.

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

(ii) Suggest **two** reasons for this pattern of change.

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

OR

Hot Arid and Semi-Arid Environments

4 (a) Study Fig. 4, a map showing areas of Africa at risk of desertification.

(i) Describe the pattern of areas at risk of desertification shown in Fig. 4.

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

(ii) Suggest **two** reasons for this pattern.

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

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 located examples, explain why successful river basin management requires an understanding of physical processes. [25]

Coastal Environments

- 6 With reference to one or more located examples, explain why successful coastal management requires an understanding of physical processes. [25]

Cold Environments

- 7 With reference to located examples, explain how cold environments can provide both opportunities and challenges for development. [25]

Hot Arid and Semi-Arid Environments

- 8 With reference to located examples, explain how hot arid/semi-arid environments can provide both opportunities and challenges for development. [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 is filled with horizontal dotted lines, providing space for writing the number of the question answered.

A large rectangular area with a solid vertical line on the left side and horizontal dotted lines extending across the page, resembling a writing template or a form for notes.

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 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.

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. The dotted lines are spaced evenly, creating a series of horizontal lines for writing.

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