



Monday 12 May 2014 – Afternoon

## AS GCE GEOGRAPHY

F761/01 Managing Physical Environments



Candidates answer on the Question Paper.

**OCR supplied materials:**

- An Insert (F761/01/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 inside 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.

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**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, an OS map extract of a river environment in Eastern England.

- (i) Use Fig. 1 to identify and locate four different **types** of human activity shown.

1 .....

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2 .....

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3 .....

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4 .....

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[4]

- (ii) Suggest reasons for the location of **two** of these activities.

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[6]

3

- (b)** Show how slope processes influence the formation of fluvial landforms.

[6]

. [6]

4

- (c) With reference to one or more located river basins, explain how they can be protected from the effects of flooding.

[9]

. [9]

OR

### Coastal Environments

- 2 (a) Study Fig. 2, an OS map extract of a coastal environment in Devon.

- (i) Use Fig. 2 to identify and locate four different **types** of human activity shown.

1 .....

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2 .....

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3 .....

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4 .....

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[4]

- (ii) Suggest reasons for the location of **two** of these activities.

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[6]

6

- (b)** Show how weathering processes influence the formation of coastal landforms.

[6]

. [6]

- (c) With reference to one or more located examples, explain how hard engineering can protect coastal areas from the effects of natural processes.

[9]

. [9]

**Answer Question 3 or 4.**

## EITHER

## Cold Environments

- 3 (a)** Study Fig. 3, a factfile for Greenland, a cold environment.

- (i) Use Fig. 3 to outline **two** challenges of the physical environment.

. [4]

- (ii) Suggest how these challenges make economic development difficult.

[6]

. [6]

9

- (b)** Explain **two** ways that climate influences the vegetation of cold environments.

[6]

. [6]

10

- (c) With reference to one or more located examples, explain how meltwater can shape landforms in cold environments.

[9]

. [9]

OR

## **Hot Arid and Semi-Arid Environments**

- 4 (a)** Study Fig. 4, a factfile for Namibia, a hot arid/semi-arid environment.

- (i) Use Fig. 4 to outline **two** challenges of the physical environment.

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. [4]

- (ii) Suggest how these challenges make economic development difficult.

[6]

[61]

12

- (b)** Explain **two** ways that climate influences the vegetation of hot arid/semi-arid environments.

[6]

. [6]

13

- (c) With reference to one or more located examples, explain how wind can shape landforms in hot arid/semi-arid environments.

. [9]

**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 river basins, examine the varied impacts of flooding. [25]

**Coastal Environments**

- 6 With reference to one or more located coastlines, examine the varied need for protection from natural processes. [25]

**Cold Environments**

- 7 With reference to one or more located examples, describe and explain the exploitation of cold environments for short-term gain. [25]

**Hot Arid and Semi-Arid Environments**

- 8 With reference to one or more located examples, describe and explain the exploitation of hot arid/semi-arid environments for short-term gain. [25]

Essay plan for your answer.

15

Write the number of the question answered in the margin.





**END OF QUESTION PAPER**

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**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 vertical column of 20 horizontal dotted lines for writing answers. A solid vertical line is positioned to the left of the first dotted line.



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