

<b>Candidate forename</b>		<b>Candidate surname</b>	
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<b>Centre number</b>						<b>Candidate number</b>				
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**OXFORD CAMBRIDGE AND RSA EXAMINATIONS  
ADVANCED SUBSIDIARY GCE**

**F761**

**GEOGRAPHY**

**Managing Physical Environments**

**TUESDAY 17 MAY 2011: Afternoon**

**DURATION: 1 hour 30 minutes**

**SUITABLE FOR VISUALLY IMPAIRED CANDIDATES**

**Candidates answer on the question paper.**

**OCR SUPPLIED MATERIALS:**

**An insert (F761/I – inserted)**

**OTHER MATERIALS REQUIRED:**

**None**

**READ INSTRUCTIONS OVERLEAF**

## **INSTRUCTIONS TO CANDIDATES**

- **Write your name, centre number and candidate number in the boxes on the first page. 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.**

## **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.**

## **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 of part of the valley of the River Rhine in Germany.**

**(i) Identify FOUR different TYPES of human activities shown in Fig. 1. [4]**

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**(ii) Suggest TWO reasons why there is such a range of human activities in this area. [6]**

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**(b) Outline TWO effects of sea-level change on the development of fluvial landforms. [6]**

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**(c) With reference to one or more river basins, examine the economic impacts of flooding. [9]**

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**[Total: 25]**



**OR**

**COASTAL ENVIRONMENTS**

**2 (a) Study Fig. 2, a photograph showing the coastline at Budleigh Salterton, Devon.**

**(i) Identify FOUR different TYPES of human activities shown in Fig. 2. [4]**

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**(ii) Suggest TWO reasons why there is such a range of human activities in this area. [6]**

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**(b) Outline TWO effects of sea-level change on the development of coastal landforms. [6]**

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**(c) With reference to one or more coastal areas, examine the need for protection from natural processes. [9]**

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**[Total: 25]**

**Answer Question 3 OR 4.**

**EITHER**

**COLD ENVIRONMENTS**

**3 (a) Study Fig. 3, a rose diagram showing the orientation of cirques in an area of the Lake District.**

**(i) Describe the pattern of cirque orientation shown in Fig. 3. [4]**

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**(ii) Explain how TWO natural processes influence cirque formation. [6]**

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**(b) Describe the climatic characteristics of a cold environment. [6]**

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**(c) With reference to one or more located examples, show how cold environments provide economic opportunities. [9]**

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**OR**

**HOT ARID AND SEMI-ARID ENVIRONMENTS**

**4 (a) Study Fig. 4, a triangular graph showing the relative importance of factors influencing sand dune formation.**

**(i) Using Fig. 4, describe the relative importance of the factors influencing the formation of longitudinal dunes. [4]**

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(ii) Explain how TWO natural processes influence sand dune formation. [6]

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**(b) Describe the climatic characteristics of a hot arid/ semi-arid environment. [6]**

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**[Total: 25]**

## **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, examine the management challenges associated with the development of river landscapes. [25]**

### **COASTAL ENVIRONMENTS**

- 6 With reference to one or more located examples, examine the management challenges associated with the development of coastal areas. [25]**

### **COLD ENVIRONMENTS**

- 7 With reference to located examples, examine strategies to manage cold environments sustainably. [25]**

### **HOT ARID AND SEMI-ARID ENVIRONMENTS**

- 8 With reference to located examples, examine strategies to manage hot arid/semi-arid environments sustainably. [25]**



**Essay plan for your answer.**

**Write the number of the question answered in the margin.**




This image shows a grid for data entry consisting of 20 rows and 1 column. The grid is formed by 21 horizontal lines and 2 vertical lines that define the column boundaries. The entire grid is empty.










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