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Centre Number						Candidate Number				
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**OXFORD CAMBRIDGE AND RSA EXAMINATIONS
ADVANCED SUBSIDIARY GCE**

F761

GEOGRAPHY

Managing Physical Environments

TUESDAY 19 MAY 2009: Afternoon

DURATION: 1 hour 30 minutes

SUITABLE FOR VISUALLY IMPAIRED CANDIDATES

Candidates answer on the question paper.

OCR SUPPLIED MATERIALS:

An Insert (inserted)

OS Map Extract (1:50:000 – inserted)

OTHER MATERIALS REQUIRED:

None

READ INSTRUCTIONS OVERLEAF

INSTRUCTIONS TO CANDIDATES

- Write your name clearly in capital letters, your Centre Number and Candidate Number in the boxes on the first page.
- Use black ink. Pencil may be used for graphs and diagrams only.
- Read each question carefully and make sure that you know what you have to do before starting your answer.
- 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.
- Write your answer to each question in the space provided, however additional paper may be used if necessary.

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

RIVER ENVIRONMENTS

1 (a) Study Fig. 1, a map showing the flood management scheme at Blandford Forum, Dorset.

(i) Describe the ways in which the flooding risk is being managed in the area shown in Fig. 1. [4]

(ii) Explain TWO different ways in which development in a river basin such as this may increase the risk of flooding. [6]

(b) Show how TWO physical factors influence river erosion. [6]

[Total: 25]

COASTAL ENVIRONMENTS

2 (a) Study Fig. 2, a photograph of a stretch of coastline at Teignmouth, Devon.

(i) Describe the ways in which the coastal area shown in Fig. 2 is being protected from physical processes. [4]

(ii) Explain how TWO of these ways provide protection from wave action. [6]

(b) Show how TWO physical factors influence coastal erosion. [6]

[Total: 25]

Answer question 3 OR 4

COLD ENVIRONMENTS

3 (a) Study the map extract, a 1:50 000 OS map of part of the Lake District.

(i) Identify the distinctive landforms produced by ice, A, B, C and D, shown in the map extract.

[4]

A _____

B _____

C _____

D _____

(ii) Explain how ice shaped ONE of these distinctive landforms. [6]

(b) Outline TWO ways in which cold environments can provide economic opportunities. [6]

[Total: 25]

HOT ARID AND SEMI-ARID ENVIRONMENTS

4 (a) Study Fig. 3, a photograph of Monument Valley, Utah, U.S.A.

(i) Identify and describe TWO distinctive landforms shown in Fig. 3. [4]

(ii) Explain how physical processes shaped ONE of these landforms. [6]

(b) Outline TWO ways in which hot arid/semi-arid environments can provide economic opportunities. [6]

[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 specific river basins, examine the need for management in resolving issues resulting from their development. [25]

COASTAL ENVIRONMENTS

- 6 With reference to specific coastal areas, examine the need for management in resolving issues resulting from their development. [25]

COLD ENVIRONMENTS

- 7 With reference to located examples, explain how the management of cold environments needs to balance socio-economic and environmental needs. [25]

HOT ARID AND SEMI-ARID ENVIRONMENTS

- 8 With reference to located examples, explain how the management of hot arid/semi-arid environments needs to balance socio-economic and environmental needs. [25]

Essay plan for your answer



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