

**OXFORD CAMBRIDGE AND RSA EXAMINATIONS
AS GCE**

F761/01

GEOGRAPHY

Managing Physical Environments

MONDAY 14 JANUARY 2013: Afternoon

**DURATION: 1 hour 30 minutes
plus your additional time allowance**

MODIFIED ENLARGED 18pt

Candidate forename		Candidate surname	
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Centre number						Candidate number				
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Candidates answer on the Question Paper.

OCR SUPPLIED MATERIALS:

An Insert (F761/01/I – inserted)

OTHER MATERIALS REQUIRED:

None

READ INSTRUCTIONS OVERLEAF

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 on the first page. 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.

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, which shows the erosion index (1938–2004) along the Lower San Antonio River, Texas, USA.

(i) Using Fig. 1, describe how the erosion index varies with distance downstream.

[4]

(ii) Suggest and explain TWO factors influencing these variations.

[6]

[6]

[illegible]

[9]

[TOTAL: 25]

OR

COASTAL ENVIRONMENTS

2 (a) Study Fig. 2, which shows mean erosion rates (1951–2001) along a coastline in Yorkshire.

(i) Using Fig. 2, describe how mean erosion rates vary along this coastline.

[4]

(ii) Suggest and explain TWO factors influencing these variations.

[6]

[6]

[illegible]

[9]

[TOTAL: 25]

Answer Question 3 OR 4.

EITHER

COLD ENVIRONMENTS

3 (a) Study Fig. 3, a summary of a sustainable tourism scheme in the Swiss Alps.

(i) Use evidence from Fig. 3 to show how socio-economic and environmental needs are being met.

Socio-economic _____

Environmental _____

_____ **[2]**

(ii) In what way is this scheme sustainable?

_____ **[2]**

[6]

[6]

[illegible]

[9]

[TOTAL: 25]

OR

HOT ARID AND SEMI-ARID ENVIRONMENTS

4 (a) Study Fig. 4, a summary of a sustainable irrigation scheme in Saudi Arabia.

(i) Use evidence from Fig. 4 to show how socio-economic and environmental needs are being met.

Socio-economic _____

Environmental _____

_____ **[2]**

(ii) In what way is this scheme sustainable?

_____ **[2]**

(b) State and explain TWO ways in which plants adapt to survive in hot arid/semi-arid environments.

[6]

[illegible]

[illegible]

[9]

[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 river basins, describe the conflicts which exist between different land uses and explain how they can be managed. [25]**

COASTAL ENVIRONMENTS

- 6 With reference to one or more coastal areas, describe the conflicts which exist between different human activities and explain how they can be managed. [25]**

COLD ENVIRONMENTS

- 7 With reference to located examples, examine ways in which cold environments provide social, economic and environmental challenges for development. [25]**

HOT ARID AND SEMI-ARID ENVIRONMENTS

- 8 With reference to located examples, examine ways in which hot arid/semi-arid environments provide social, economic and environmental challenges for development. [25]**

Essay plan for your answer.

Write the number of the question answered in the margin.

[illegible]

[illegible]

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.

[illegible]

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