

OXFORD CAMBRIDGE AND RSA EXAMINATIONS

Advanced Subsidiary GCE

GEOGRAPHY SPECIFICATION B

2687

Physical Systems and their Management

Friday 27 MAY 2005 Afternoon 1 hour 30 minutes

Additional materials: Candidates answer on the question paper. An insert is enclosed with this question paper. 1:50 000 ordnance survey map extract.

Candidate Name	Centre Number	Candidate Number	

TIME 1 hour 30 minutes

INSTRUCTIONS TO CANDIDATES

- Write your name in the space above.
- Write your Centre number and Candidate number in the boxes above.
- Answer two questions from Section A and one question from Section B.
- Write your answers, in blue or black ink, in the spaces on the question paper.
- Read each question carefully and make sure you know what you have to do before starting your answer.
- Even where not specifically asked for, credit will be given for sketch maps, diagrams and examples of places which you have studied, provided they serve to illustrate your answer.

INFORMATION FOR CANDIDATES

- The number of marks is given in brackets [] at the end of each question or part question.
- The total number of marks for this paper is 90.
- You will be awarded marks for the quality of written communication where an answer requires a piece of extended writing.

FOR EXAMINER'S USE			
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5			
TOTAL			

This question paper consists of 14 printed pages, 2 lined pages, an insert and an OS map.

Section A

Answer **two** questions.

1

Atmospheric Systems and People					
(a)	Study Fig. 1. Are there any patterns in the occurrence of extreme temperature events (for example, of space or time)? Use evidence from Fig. 1 to support your answer.				

.....[9]

(b)	Explain how stable air conditions may cause both the highest and lowest temperatures to occur.
	[9]

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2 Landform Systems and People

(a)

Study Fig. 2. Describe how these processes interact in a drainage basin.					
[9]					

(c)	Using named examples from a British river basin, explain the formation of three valley landforms.				
	[10]				

3 Coastal Systems and People

(a)

Study Fig. 3, the OS map extract provided. Use map evidence to describe the coast line from Worms Head (384 877) in the west to Port Eynon Point (474 844).
[9]

(b) Explain the differences in wave action and their effects that may occur at C (513 851) compared with Oxwich Bay.				
	[9]			

(c)	Contrast a dune ecosystem and a coastal wetland ecosystem, using named examples.
	[12]

Section B

Answer one question.

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4 Explain the interactions that exist between people and **two or more** physical systems. [30]

OR

Flood control may be required in river valleys **and** in coastal regions. Use examples to explain why such management may be increasingly necessary. [30]

Question 4 or Question 5 (Circle your choice)

Essay Plan for Question 4 or Question 5

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[30]

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