

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.

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| Candidate Name | Centre Number | Candidate Number | | | | | | | | | | | | |
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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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| TOTAL | |

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

- (b) Explain, using an annotated diagram, how the drainage basin system transfers water from the atmosphere to the sea.



[9]

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

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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).

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- (b) Explain the differences in wave action and their effects that may occur at Oxwich Point (513 851) compared with Oxwich Bay.

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Section B

Answer **one** question.

EITHER

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

OR

5 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]

