

ADVANCED SUBSIDIARY GCE GEOGRAPHY B

2687

Physical Systems and their Management

MONDAY 15 JANUARY 2007

Morning

Time: 1 hour 30 minutes

An Insert is enclosed with this question paper.



Candidate Name								
Centre Number					Candidate Number			

INSTRUCTIONS TO CANDIDATES

- Write your name, Centre Number and Candidate number in the boxes above.
- Answer two questions from Section A and one question from Section B.
- Use blue or black ink. Pencil may be used for graphs and diagrams only.
- Read each question carefully and make sure you know what you have to do before starting your answer.
- Do not write in the bar code.
- Do not write outside the box bordering each page.
- WRITE YOUR ANSWER TO EACH QUESTION IN THE SPACE PROVIDED.

INFORMATION FOR CANDIDATES

- The number of marks for each question 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.
- Even where not specifically asked for, credit will be given for sketch maps and diagrams, provided they illustrate your answer.

For Exam	iner's Use
Qu.	Mark
1	
2	
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Total	

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Section A

Answer **two** questions.

1 Atmospheric	Systems and Peop	le
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(b)	Suggest reasons for the pattern of temperatures shown on Fig. 1.
	[9]

atmospheric systems in the British Isles.
[4.0]

2 Landform Systems and People

(a)	Study Fig. 2. Describe how human activity can increase the risk of flooding.
	[9]

(b)	Explain the ways in which rivers can be managed in order to reduce the risk of flooding.
	[9]

1	2	
•	-	
Name of river basin		
Name of river basin:		
1		
1		
1		

.....[12]

3 Coastal Systems and People

(a)	Study Fig. 3. Identify and briefly describe the coastal landforms shown on Fig. 3.
	[9]

(b)	Explain the processes of erosion involved in the formation of coastal landforms.
	[9]

	10
(c)	Using a named coastal area, describe and explain the methods being used to manage coastal erosion.
	[01]

Section B

Answer one question.

EIT	HER		
4	Consider the view that managing one part of a physical system can create problems elsewhere. Use examples to illustrate your answer. [30]		
OR			
5	Why does the management of water supply require a good understanding of both atmospheric and hydrological conditions? [30]		
	Essay Plan for Question 4 or Question 5		
Que	estion 4 or Question 5 (Circle your choice)		
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[30]
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must be clearly shown.				
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