

ADVANCED SUBSIDIARY GCE GEOGRAPHY B

2687

Physical Systems and their Management

MONDAY 14 JANUARY 2008

Morning

Time: 1 hour 30 minutes

Candidates answer on the question paper

Additional materials (enclosed): An Insert

Additional materials (required):

None

140110							
Candidate Forename				Candidate Surname			
Centre Number				Candidate Number			

INSTRUCTIONS TO CANDIDATES

- Write your name in capital letters, your Centre Number and Candidate Number in the boxes above.
- Use blue or 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 and one question from Section B.
- Do not write in the bar codes.
- 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	NER'S USE
Qu.	Mark
1	
2	
3	
4	
5	
TOTAL	

This document consists of 11 printed pages, 5 lined pages and ar
--

SPA (DR/DR) T50001/4

© OCR 2008 [R/100/3530]

OCR is an exempt Charity

[Turn over

Section A

Answer **two** questions.

i Alliospilette Systems and i copi	Atmospheric Systems and Peop	ODIE
------------------------------------	------------------------------	------

a)	Study Fig. 1 on the insert, which shows a weather map. Describe the atmospheric conditions that may have led to the formation of fog in this area.
	[9]

(b)	Explain ways in which fog can affect human activity.	
		[9]

• •	
• •	
••	
••	
••	
• •	
• •	

2 Landform Systems and People

(a)	Study Fig. 2 on the insert, which shows a field sketch of a river valley slope. Describe the evidence that these slopes are unstable.
	PI

© OCR 2008 [Turn over

(b)	Suggest ways that unstable slopes can be managed.
	[9]

	are managed.
•	
•	
•	
•	
•	
•	
•	
•	

3 Coastal Systems and People

(a)	Study Fig. 3, an OS map of Selsey Bill. Using map evidence, describe how human activity modifies coastal areas.
	PI

(b)	With the aid of diagrams, explain the formation of two different coastal landforms.	
		[9]

111	ecessary.
•••	
•••	
•••	
•••	
•••	
•••	
•••	
•••	
•••	
•••	
• • •	
•••	

Section B

Answer **one** question.

EITHER				
4	With reference to named examples, show how human activity may produce unintended impacts on natural systems. [30]			
OR				
5	'Flooding is not just the result of climatic phenomena.' Explain this statement with the aid of named examples.			
	Essay Plan for Question 4 or Question 5			
Question 4 or Question 5 (Circle your choice)				

© OCR 2008 [Turn over

[30]

If you use the following lined pages to complete the answers to any question, the question number must be clearly shown.					

•••••
•••••

Permission to reproduce items where third-party owned material protected by copyright is included has been sought and cleared where possible. Every reasonable effort has been made by the publisher (OCR) to trace copyright holders, but if any items requiring clearance have unwittingly been included, the publisher will be pleased to make amends at the earliest possible opportunity.

OCR is part of the Cambridge Assessment Group. Cambridge Assessment is the brand name of University of Cambridge Local Examinations Syndicate (UCLES), which is itself a department of the University of Cambridge.