Centre Number			Candidate Number		
Surname					
Other Names					
Candidate Signature					



General Certificate of Education Advanced Level Examination January 2013

Geography

GEO4A

Unit 4A Geography Fieldwork Investigation

Wednesday 23 January 2013 1.30 pm to 3.00 pm

For this paper you must have	For	this	paper	you	must	have
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• the insert (enclosed).

You may use a calculator.

Time allowed

1 hour 30 minutes

Instructions

- Use black ink or black ball-point pen. Use pencil only for drawing.
- Fill in the boxes at the top of this page.
- Answer all questions.
- You must answer the questions in the spaces provided. Do not write outside the box around each page or on blank pages.
- Do all rough work in this book. Cross through any work that you do not want to be marked.

Information

- The marks for questions are shown in brackets.
- The maximum mark for this paper is 60.
- You will be marked on your ability to:
 - use good English
 - organise information clearly
 - use specialist vocabulary where appropriate.

Advice

 You are advised to spend about 60 minutes on Section A and about 30 minutes on Section B.

For Exam	iner's Use
Examine	r's Initials
Question	Mark
1	
2	
3	
4	
5 (a)	
5 (b)	
TOTAL	

Section A

Answer all questions in the spaces provided.

	swers must relate to the geographical fieldwork investigation that you undertook in for this examination.
State one hyour investi	hypothesis or argument or assertion or issue or problem that formed the basis of gation.
1	Explain why you chose this hypothesis or argument or assertion or issue or problem for investigation.



	(8 marks)
	Extra space
2	Justify one or more method(s) used to collect reliable data for your investigation.
	Question 2 continues on the next page



	(8 marks)
Extra space	
method of analysis in your investigation.	
method of analysis in your investigation.	
method of analysis in your investigation.	
method of analysis in your investigation.	
method of analysis in your investigation.	
method of analysis in your investigation.	
method of analysis in your investigation.	



(12 marks)
(12 marks) Extra space
Extra space

12

Turn over for the next question



4	Evaluate the success of your investigation in achieving its aim(s).
	(12 marks)



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12

Turn over for the next question



Section B

	Answer all questions in the spaces provided.
5	Study Figure 1a on the insert, kite diagrams of % surface vegetation cover, by selected species, along a transect taken by a student on an area of sand dunes in southern England.
	Study Figure 1b on the insert, a profile of the same transect with pie charts showing % surface vegetation cover plotted at 10 metre intervals. No data was collected at the high water line.
5 (a)	Assess the relative strengths and weaknesses of the techniques used in Figures 1a and 1b to present data on vegetation.
	(8 marks)



Extra space
Question 5 continues on the next page



5 (b)	Explain how techniques of presentation, other than kite diagrams and pie charts, used in geography show data effectively.
	(12 marks)



Extra space	

20

END OF QUESTIONS





