Surname				Other	Names			
Centre Nun	nber				Candida	ite Number		
Candidate S	Signatu	ire						

Leave blank

General Certificate of Education January 2005 Advanced Level Examination

ASSESSMENT and QUALIFICATIONS ALLIANCE

GEOGRAPHY (SPECIFICATION A) Unit 4

GGA4

Friday 28 January 2005 Morning Session

No additional materials are required.You may use a calculator.

Time allowed: 1 hour 30 minutes

Instructions

- Use blue or black ink or ball-point pen.
- Fill in the boxes at the top of this page.
- Answer three questions in the spaces provided: two from Section A and one from Section B.
- Do all rough work in this book. Cross through any work you do not want marked.

Information

- The maximum mark for this paper is 90.
- Each question in Section A is worth 15 marks.
- Each question in Section B will be marked out of 30 and multiplied by 2 to give a mark out of 60.
- Mark allocations are shown in brackets.
- Section B of this unit assesses your understanding of the relationship between the different aspects of Geography.
- You are expected to use a calculator where appropriate.
- You will be assessed on your ability to use an appropriate form and style
 of writing, to organise relevant information clearly and coherently, and
 to use specialist vocabulary, where appropriate.
- The degree of legibility of your handwriting and the level of accuracy of your spelling, punctuation and grammar will also be taken into account.

Advice

- Where appropriate, sketch maps and diagrams should be used to illustrate answers and reference made to regional examples and case studies.
- You are advised to spend about 30 minutes on Section A and about 60 minutes on Section B.

	For Exam	niner's Us	е
Number	Mark	Number	Mark
1		4	
2		5	
3		6	
		×2	
		=	
Total (Column	1)	\rightarrow	
Total (Column	2)	\rightarrow	
TOTAL			
Examiner	's Initials		

SECTION A

Answer two questions from this Section.

1 COAST PROCESSES AND PROBLEMS

Total for this question: 15 marks

Study **Figure 1**, which is a cross profile of a coastline in a high energy environment in western Britain.

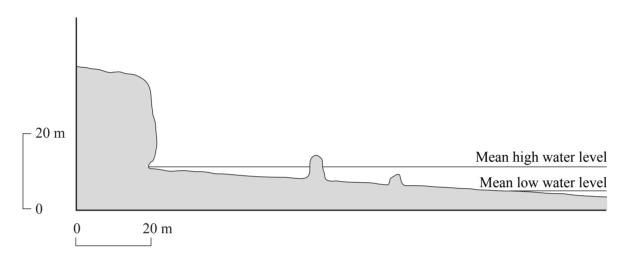


Figure 1

(a)	Outline processes of erosion associated with the formation of the wave cut platfo shown in Figure 1 .	rm
		••••
		••••
		••••
		••••
		••••
	(4 mar.	 ks)

			•	
•••••	•••••	•••••	••••••	•••••
		••••		•••••
		•••••	•••••	•••••
		•••••		(4 m
				(+ III
			•••••	

TURN OVER FOR THE NEXT QUESTION

15

2 GEOMORPHOLOGICAL PROCESSES AND HAZARDS

Total for this question: 15 marks

Study Figure 2, which illustrates the global distribution of earthquakes and volcanoes.

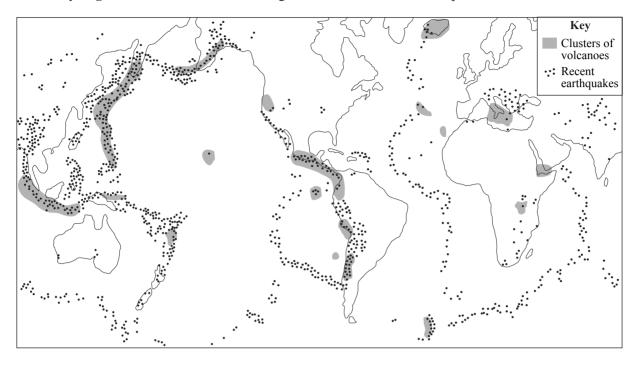


Figure 2

	Describe the distribution of recent earthquakes shown in Figure 2 .
(4 marks)	

(a)

(b)	Suggest reasons for the pattern of recent earthquakes shown in Figure 2.
	(4 marks)
(c)	To what extent are different landforms associated with different plate boundaries?
	(7 marks)

TURN OVER FOR THE NEXT QUESTION

 $\left(\frac{15}{15}\right)$

3 COLD ENVIRONMENTS AND HUMAN ACTIVITY

Total for this question: 15 marks

Study **Figure 3**, which shows the alignment of pebbles deposited in a region of glacial till (boulder clay) in northern England.

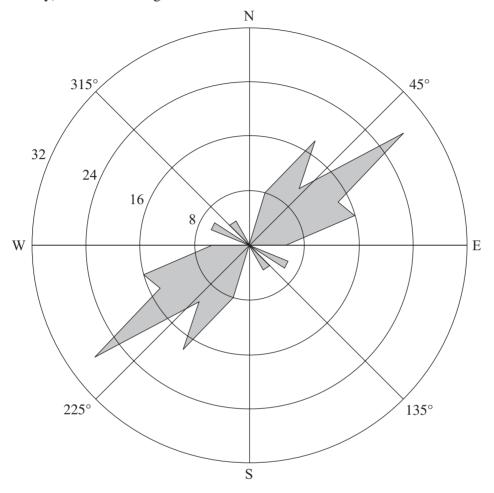


Figure 3

Describe the pattern of pebble alignment shown in Figure 3 .
(4 marks)

(a)

	How does analysis of glacial till allow the direction of ice movement to be identified?
•••	
••	
	(4 mark
1	Account for the contrasting form and character of one landform produced by glac
(deposition with one produced by fluvio-glacial deposition.
•	
•	
•	

TURN OVER FOR THE NEXT SECTION

 $\overline{15}$

SECTION B

Answer **one** question from this Section.

Total for this question: 30 marks

Note to Candidate

You should bear in mind that essay questions 4, 5 and 6 are synoptic in nature. In your response to these questions you are required to show your knowledge and understanding of different aspects of geography, the connections between these different aspects and, where relevant, of human perspectives upon geographical themes and issues.

4 Discuss why coasts are the focus of so much management.

(*30 marks*)

5 To what extent are the impacts of geomorphological hazards distributed evenly across the globe?

(*30 marks*)

6 Cold environments have little value except as sources of awe and wonder for adventurous tourists. How far do you agree with this view?

(30 marks)

END OF QUESTIONS

Acknowledgement of copyright-holders and publishers

Permission to reproduce all copyright material has been applied for. In some cases, efforts to contact copyright owners have been unsuccessful and AQA will be happy to rectify any omissions of acknowledgements in future if notified.

Copyright © 2005 AQA and its licensors. All rights reserved