

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.

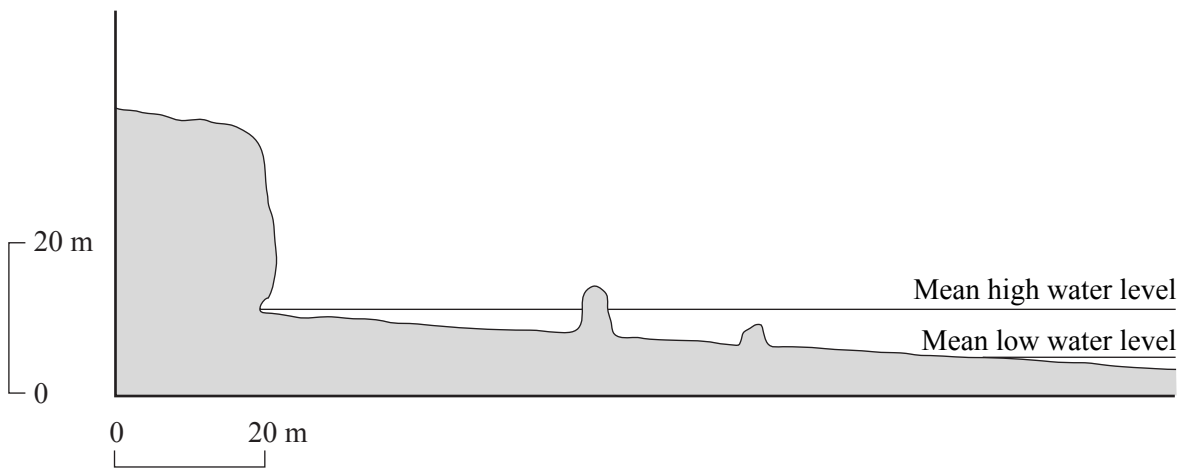


Figure 1

- (a) Outline processes of erosion associated with the formation of the wave cut platform shown in **Figure 1**.

.....

.....

.....

.....

.....

.....

.....

.....

.....

(4 marks)

(b) How might the geological character of a coastline affect the nature and effect of different types of erosion?

.....

.....

.....

.....

.....

.....

.....

.....

(4 marks)

(c) If sea level were to remain constant, explain how and why the cross profile shown in **Figure 1** would change over time as a consequence of erosion processes.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

(7 marks)

TURN OVER FOR THE NEXT QUESTION

Turn over ►



2 GEOMORPHOLOGICAL PROCESSES AND HAZARDS

Total for this question: 15 marks

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

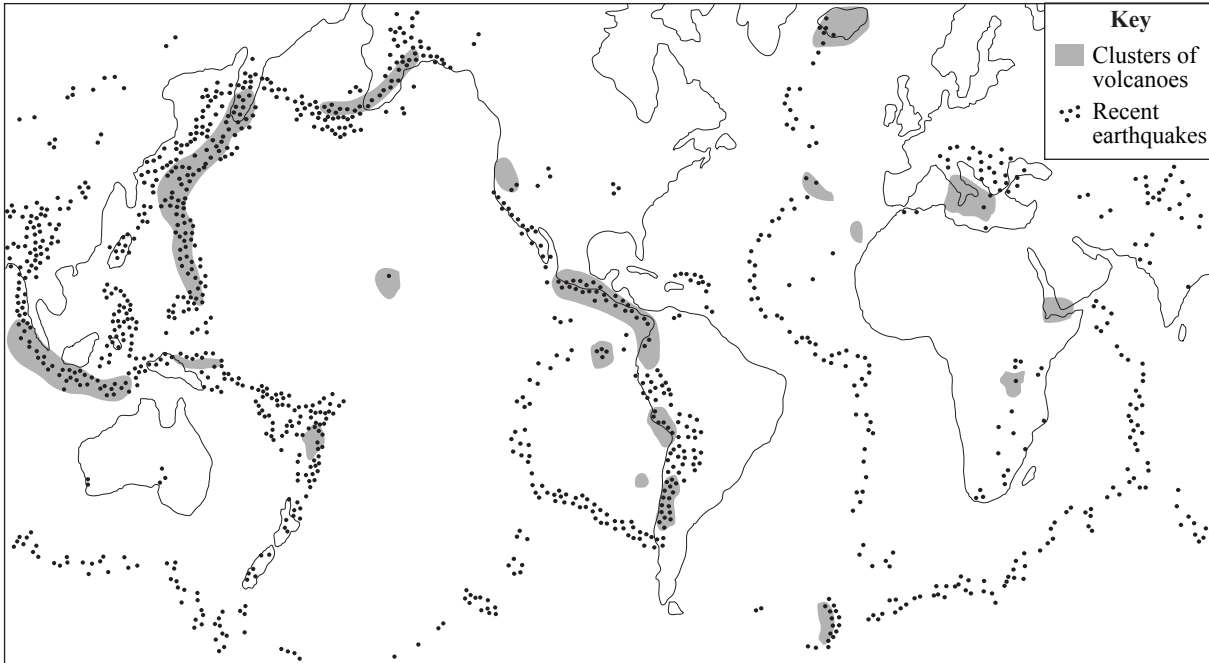


Figure 2

(a) Describe the distribution of recent earthquakes shown in **Figure 2**.

.....

.....

.....

.....

.....

.....

.....

.....

.....

(4 marks)

(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

Turn over ►

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.

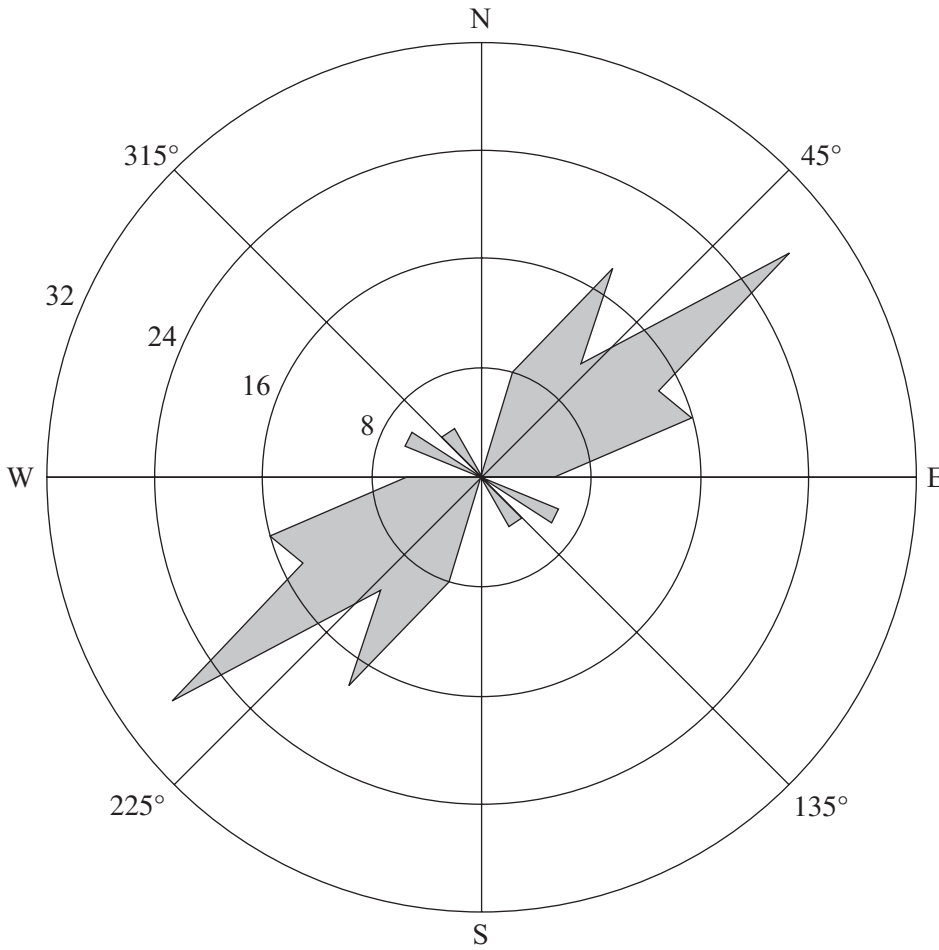


Figure 3

(a) Describe the pattern of pebble alignment shown in **Figure 3**.

.....

.....

.....

.....

.....

.....

.....

.....

.....

(4 marks)

(b) How does analysis of glacial till allow the direction of ice movement to be identified?

.....
.....
.....
.....
.....
.....
.....
.....

(4 marks)

(c) Account for the contrasting form and character of one landform produced by glacial deposition with one produced by fluvio-glacial deposition.

.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....

(7 marks)

TURN OVER FOR THE NEXT SECTION

Turn over ►

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