

General Certificate of Education
January 2008
Advanced Level Examination



GEOGRAPHY (SPECIFICATION B)
Unit 5 The Synoptic Unit

GGB5

Wednesday 23 January 2008 1.30 pm to 3.00 pm

For this paper you must have:

- an 8-page answer book
- the Advance Information Booklet (previously despatched).

You may use a calculator.

Time allowed: 1 hour 30 minutes

Instructions

- Use blue or black ink or ball-point pen. Pencil should only be used for drawing.
- Write the information required on the front of your answer book. The *Examining Body* for this paper is AQA. The *Paper Reference* is GGB5.
- Answer **all** questions in this paper.
- In each of your answers, you should, wherever possible, use a range of information, ideas and examples from other modules you have studied to show your understanding of the connections between the different aspects of your course and the topic in question.

Information

- The maximum mark for this paper is 50.
- The marks for questions are shown in brackets.
- Unit 5 carries 20 per cent of the marks for the Advanced Level examination.
- You will be marked 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 legibility of your handwriting and the accuracy of your spelling, punctuation and grammar will also be considered.

Answer **all** questions.

In order to demonstrate your synoptic ability and your issue evaluation skills, you should, wherever possible, use a range of information, ideas and examples from the Advance Information Booklet and from other modules you have studied. Use this method to show your understanding of the connections between different aspects of your course and the topic featured in the questions.

1 Refer to the Information Booklet and to your own knowledge.

Discuss the extent to which the evidence in **Item 6 (Figures 4, 5 and 6)** suggests that human activity is causing climate change. *(15 marks)*

2 Why does the Environment Agency fear that the flood risk in the Thames Gateway area will increase by the year 2080? *(10 marks)*

3 Explain why changes in the climate of south-east England might lead to increased soil and river erosion, even though total rainfall might be reduced. *(10 marks)*

4 Suggest how the developers and planners of the Thames Gateway area could plan to:

- reduce the possible causes
- manage the possible consequences

of climate change. *(15 marks)*

END OF QUESTIONS