Centre Number			Candidate Number		
Surname					
Other Names					
Candidate Signature					



General Certificate of Education Advanced Level Examination January 2012

Geography

GEO4B

Unit 4B Geographical Issue Evaluation

Thursday 2 February 2012 9.00 am to 10.30 am

For this paper you must have:

- the Advance Information Booklet (previously despatched)
- the Ordnance Survey map extract (previously despatched).

You may use a calculator.

Time allowed

1 hour 30 minutes

Instructions

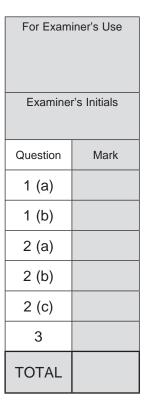
- Use black ink or black ball-point pen. Use pencil only for drawing.
- Fill in the boxes at the top of this page.
- Answer all questions.
- You must answer the questions in the spaces provided. Do not write outside the box around each page or on blank pages.
- Do all rough work in this book. Cross through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

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

- Where appropriate, credit will be given for the use of diagrams to illustrate answers and where reference is made to your personal investigative work.
- You are advised to allocate your time carefully.





	Answer all questions in the spaces provided.
1	A new bridge has been planned across the channel flowing from Holes Bay into Poole Harbour (grid square 0090).
1 (a)	Explain how physical and human geography combine to make this second bridge necessary.
	(8 marks)
	Extra space



	Question 1 continues on the next page
	Extra space
	(5 marks)
1 (6)	evidence to test the hypothesis that a second bridge is necessary.
1 (b)	Explain how an A Level geography group might carry out a traffic survey to gather



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2	Study Item 3 showing census data for the different areas in Poole.
2 (a)	You might be asked to use base maps such as the one in Figure P7 to present the information on:
	population density (Column B)
	 housing tenure (Columns C, D and E).
	Identify a suitable mapping technique that you would use to present each set of data and justify your choices.



	(10 ma
Extra space	



2 (b)	To what extent do the data in Item 3 suggest that different areas of Poole show distinct socio-economic groupings of the population?
	(10 marks)
	Extra space



Question 2 continues on the next page



2 (c)	How might the plans for the redevelopment of the Hamworthy Gate site in grid square 0090 improve conditions for people living in some of Poole's more deprived areas?
	(12 marks)



Extra space

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Turn over for the next question



3	A friend who is a trainee civil engineer has said to you that the conditions placed on the developers of the Hamworthy Gate site (see Figure P5) are totally unreasonable 'just because of a few ducks and seagulls'.
	Write a justification to explain why these conditions should be placed on the developers.



(15 marks)
Question 3 continues on the next page



Extra space

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END OF QUESTIONS

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