Centre Number			Candidate Number		
Surname					
Other Names					
Candidate Signature					

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General Certificate of Education Advanced Level Examination June 2013

# Geography

GEO4B

## Unit 4B Geographical Issue Evaluation

Friday 14 June 2013 9.00 am to 10.30 am

## For this paper you must have:

• the Advance Information Booklet (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.

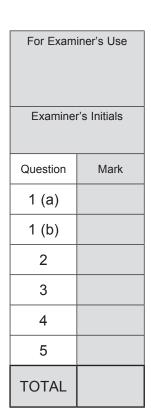
#### Information

- 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)	Study Figure P1 in the Advance Information Booklet.				
	Describe the trends shown on the graph.				
	(6 marks)				
	Extra space				



1 (b)	To what extent does the information in <b>Figure P2</b> , in the Advance Information Booklet, help you to explain the trends in <b>Figure P1</b> ?
	Justify your answer.
	(6 marks)
	Extra space
	Turn over for the next question

Turn over ▶

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2	'Serious tectonic activity has become more common worldwide in the last few years.'					
	Discuss this view. Refer to relevant data from <b>Item 1</b> , in the Advance Information Booklet, in your answer.					



Question 2 continues on the next page
(15 marks)



E	Extra space

15



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Do not write outside the box

3	Referring to the Christchurch Earthquake of 22 February 2011, explain:
	the probable causes of the earthquake
	<ul> <li>why the death toll was much higher than the death toll in the Darfield Quake, even though the Darfield Quake was more powerful.</li> </ul>
	Question 3 continues on the next page



(15 marks)



Extra space

15

Turn over for the next question



4	thinks there might be further, bigger earthquakes.
	Advise her about the chances of further bigger earthquakes in the Christchurch area.
	Justify your advice by referring to your knowledge of the geography of the area.
	(8 marks)
	Extra space



Turn over for the next question	



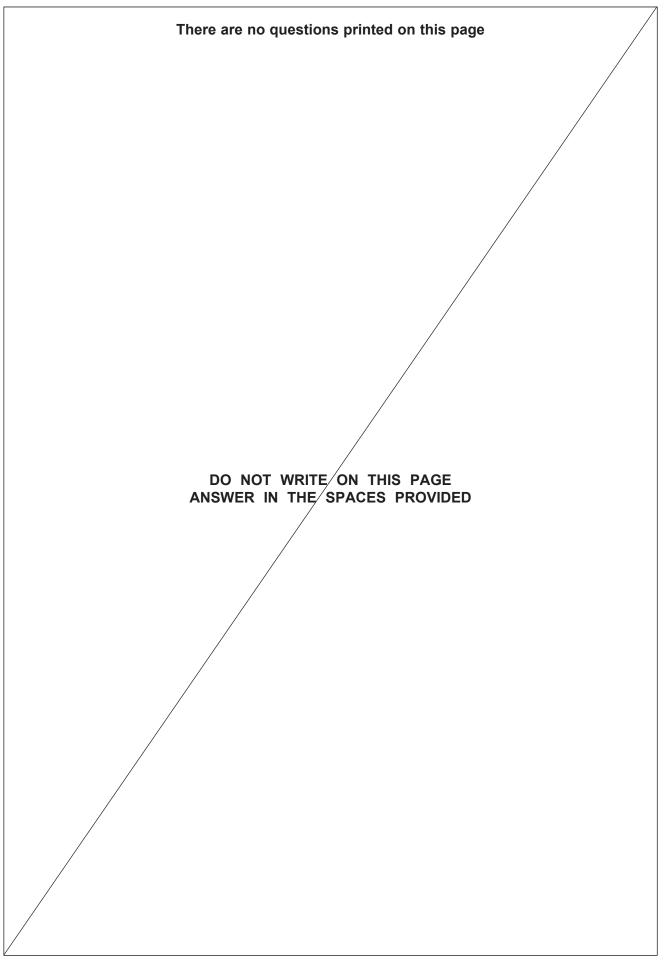
5	Why do so many people continue to live in earthquake-prone areas?
	(10 marks)
	Extra space



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END OF QUESTIONS
END OF QUESTIONS







There are no questions printed on this page		
DO NOT WRITE ON THIS PAGE ANSWER IN THE SPACES PROVIDED		





