

Centre Number						Candidate Number				
Surname										
Other Names										
Candidate Signature										

For Examiner's Use	
Examiner's Initials	
Question	Mark
1	
2 (a)	
2 (b)	
3	
4	
5	
TOTAL	



General Certificate of Education  
Advanced Level Examination  
January 2012

## Geography

## GEO4A

### Unit 4A Geography Fieldwork Investigation

Thursday 2 February 2012 9.00 am to 10.30 am

**For this paper you must have:**

- the insert (enclosed).
- 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.

**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**

- You are advised to spend about 60 minutes on **Section A** and about 30 minutes on **Section B**.



J A N 1 2 G E O 4 A 0 1

**Section A**

Answer **all** questions in the spaces provided.

**All** your answers must relate to the geographical fieldwork investigation that you undertook in preparation for this examination.

State the aim(s) of your investigation.

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**1** Explain the importance of the choice of location for your investigation in relation to your aim(s).

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**2 (a)** Outline **one** method of primary data collection used in the field in your investigation.

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**2 (b)** Evaluate the suitability of this method of primary data collection.

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**Question 2 continues on the next page**

**Turn over** ▶



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**3** Explain how secondary data were used, or could have been used, to develop your conclusions.

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**Section B**

Answer **all** questions in the spaces provided.

**4** Study **Figures 1, 2** and **3**, on the insert, which use three different cartographic techniques to show information about population distribution in Australia.

**Figure 1** is a dot map.

**Figure 2** is a choropleth map.

**Figure 3** is an isoline map.

Assess the strengths and weaknesses of these maps in showing information about population distribution in Australia.

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Turn over for the next question

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5

Explain how the use of cartographic techniques, **other than** dot, choropleth and isoline maps, has contributed to your geographical understanding.

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<b>8</b>

**END OF QUESTIONS**



**There are no questions printed on this page**

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ANSWER IN THE SPACES PROVIDED**

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