

Centre Number						Candidate Number				
Surname										
Other Names										
Candidate Signature										



General Certificate of Education
Advanced Level Examination
January 2011

Geography

GEO4A

Unit 4A Geography Fieldwork Investigation

Tuesday 1 February 2011 1.30 pm to 3.00 pm

You will need no other materials.
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**.

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



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

Section A

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

All your answers should relate to the geography fieldwork investigation that you undertook in preparation for this examination.

State the aim(s) of your investigation.

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1 (a) Select **one** method of primary data collection that you used in your investigation. Explain the relevance of this method to the aim(s) of your investigation.

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1 (b) Evaluate the effectiveness of this method in the light of your experiences in the field.

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Question 1 continues on the next page

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2 Describe **one** technique of data analysis that you used and justify its inclusion in your investigation.

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Section B

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

- 4 Study **Figure 1a**, the Hjulström curve, and **Figure 1b**, world population growth and projected population growth in different continental regions, 1950–2050.

Figure 1a

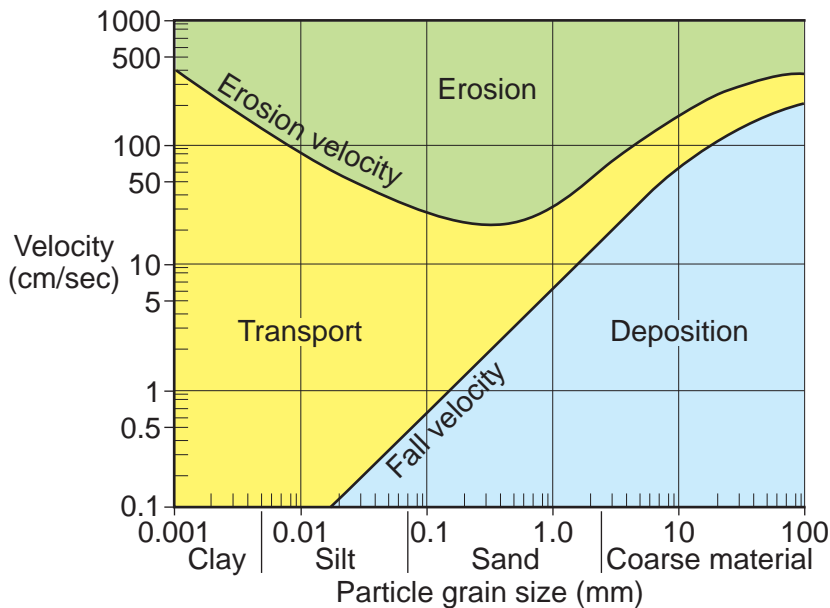
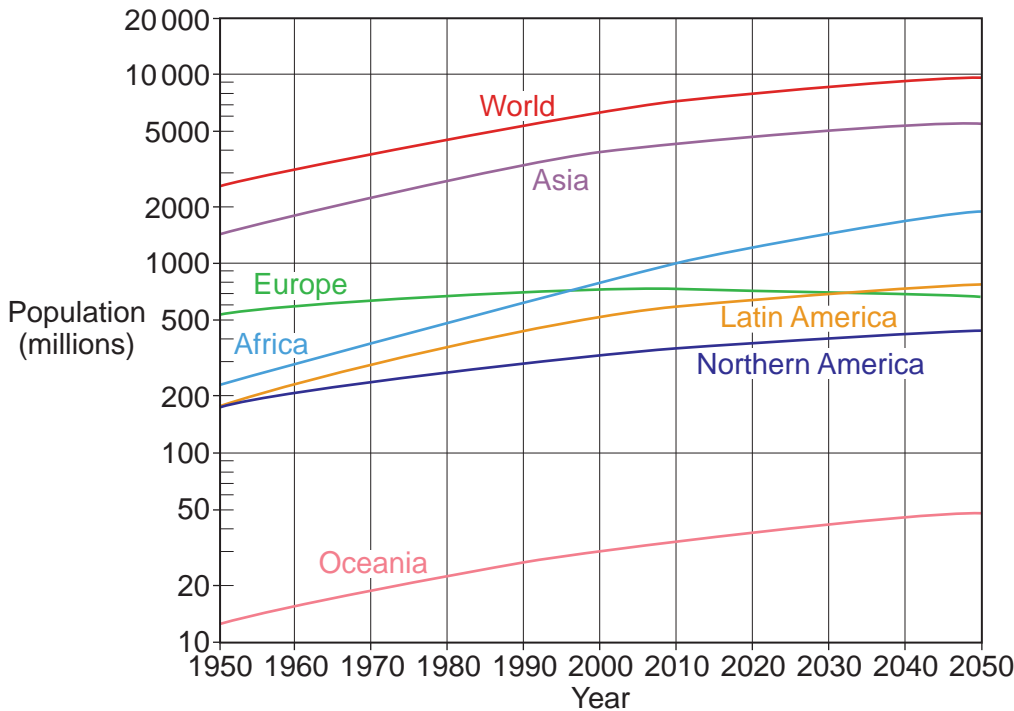


Figure 1b



4 (a)

With reference to **Figure 1a and/or Figure 1b**, explain the usefulness of a logarithmic scale in presenting such data.

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4 (b) Explain why it is important to use different graphical techniques to help geographical understanding.

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20

END OF QUESTIONS



There are no questions printed on this page

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Figure 1a *Changing Environments*, Series Editor: Bob Digby, Pearson Education Ltd
Figure 1b *World Population Prospects: The 2008 Revision*, © United Nations, 2009. Reproduced with permission.

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