

Surname						Other Names					
Centre Number						Candidate Number					
Candidate Signature											

For Examiner's Use
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General Certificate of Education  
Advanced Level Examination  
Specimen Paper



**GEOGRAPHY**  
**Unit 4A Geography Fieldwork Investigation**

**GEOG4A**

<p><b>You will need no other materials.</b> You may use a calculator.</p>
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Time allowed: 1 hour 30 minutes

**Instructions**

- Use black ink or black ball-point pen. Pencil should only be used for drawing.
- Fill in the boxes at the top of this page
- Answer the questions in the spaces provided.
- Answer **all** questions.
- Do all rough work in this book. Cross through any work you do not want to be marked.

**Information**

- The maximum mark for this paper is 60.
- The marks for questions are shown in brackets.
- You are expected to use a calculator where appropriate.
- 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.

**Advice**

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

For Examiner's Use			
Question	Mark	Question	Mark
1		3	
2		4	
Total (Column 1)		→	
Total (Column 2)		→	
<b>TOTAL</b>			
Examiner's Initials			



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*(12 marks)*

12
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**Total for this question: 18 marks**

2 (a) Assess the usefulness of **one** method used to collect data for the investigation.

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*(6 marks)*





**SECTION B**

Answer the questions in the spaces provided.

**Total for this question: 20 marks**

- 4 The following data come from a fieldwork study on house prices and distance from the town centre carried out by an A Level student.

**Figure 1**

Road	Average house price (£)	Distance from town centre (km)
Park Street	400 359	0.3
Princess Way	218 978	0.7
Heathcote Road	239 590	0.8
Gordon Road	269 346	1.0
Portesbery Drive	324 415	1.3
Langley Drive	327 583	1.4
Grand Avenue	495 596	1.7
The Avenue	331 248	2.1
Waverley Drive	346 206	2.5
Redcrest Gardens	391 869	3.0

- 4 (a) The A Level student has proposed the hypothesis that house prices will increase with distance from the town centre. With reference to the data, discuss whether this is a valid hypothesis.

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*(2 marks)*

4 (b) The result of a Spearman Rank Correlation test conducted on the data was  $r = +0.455$ .  
The 95% significance level for ten pairs of data is 0.5636.

4 (b) (i) Interpret the value of  $r$  that has been calculated.

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*(3 marks)*

4 (b) (ii) Comment on the reliability of the data.

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*(3 marks)*

**Question 4 continues on the next page**

