

Surname						Other Names					
Centre Number						Candidate Number					
Candidate Signature											

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General Certificate of Education
 June 2005
 Advanced Level Examination



**GEOGRAPHY (SPECIFICATION B)
 Unit 6**

GGB6

Friday 17 June 2005 Morning Session

No additional materials are required.
 You may use a calculator.

Time allowed: 1 hour 30 minutes

Instructions

- Use blue or black ink or ball-point pen.
- Fill in the boxes at the top of this page.
- Answer **both** questions.
- Sketch maps, diagrams and specific examples should be given, where appropriate.
- Do all rough work in this book. Cross through any work you do not want marked.

Information

- The maximum mark for this paper is 50.
- Mark allocations are shown in brackets.
- You will be assessed 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 degree of legibility of your handwriting and the level of accuracy of your spelling, punctuation and grammar will also be taken into account.

For Examiner's Use			
Number	Mark	Number	Mark
1			
2			
Total (Column 1)	→		
Total (Column 2)	→		
TOTAL			
Examiner's Initials			

Answer **both** questions.

1

Total for this question: 25 marks

With reference to a piece of fieldwork that you have completed:

- (a) Describe the aim of your fieldwork. State **either** one hypothesis or **one** research question that you used. Explain how this hypothesis/research question helped to support your aim.

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(5 marks)

- (b) Describe **one** technique that you used to present the data you collected. You may draw one or more diagrams to illustrate your answer.

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(5 marks)

QUESTION 1 CONTINUES ON THE NEXT PAGE

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2

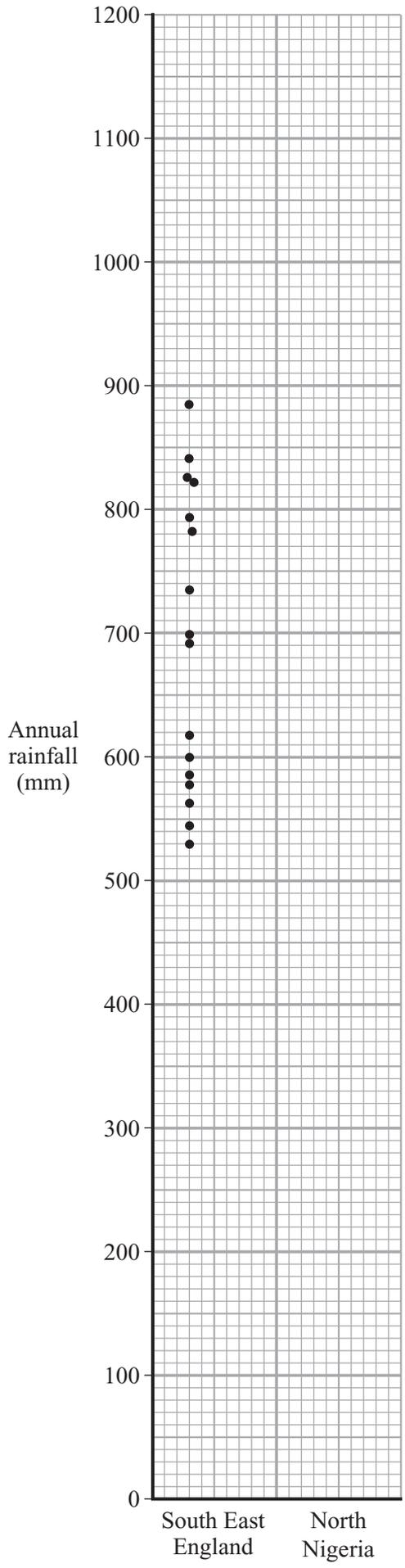
Total for this question: 25 marks

Figure 1 shows the figures for total annual rainfall for two recording stations over a 16-year period.

Year	Annual rainfall total for a station in South East England (mm)	Annual rainfall total for a station in North Nigeria (mm)
1	781	490
2	618	379
3	563	832
4	586	1037
5	545	594
6	884	855
7	600	376
8	793	350
9	580	479
10	699	761
11	842	688
12	737	1143
13	824	356
14	695	470
15	530	635
16	823	986
TOTAL	11 100	10 431

Figure 1

- (a) Calculate the mean annual rainfall at each station, to two decimal places.
- (i) South East England
- (ii) North Nigeria (2 marks)
- (b) (i) **Figure 2** (on page 7) shows the rainfall statistics for South East England on a dispersion diagram. Complete **Figure 2** using the rainfall figures for North Nigeria. (4 marks)
- (ii) Identify the upper quartile and lower quartile for each set of rainfall figures by drawing lines on the dispersion diagram. (4 marks)
- (iii) Calculate the inter-quartile range for each recording station.
- Inter-quartile range for South East England
- Inter-quartile range for North Nigeria (2 marks)



Annual rainfall totals
Figure 2

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