

OXFORD CAMBRIDGE AND RSA EXAMINATIONS

Advanced Subsidiary GCE

GEOGRAPHY SPECIFICATION B

2689

Geographical Investigations (I) External Assignment Section B

To be completed under Controlled Conditions during the period,
6 January to 20 January 2006.

Additional materials:

Insert

Candidates answer in this booklet in the spaces provided.

Additional answer paper must **not** be used.

Candidate Name	Centre Number	Candidate Number												
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INSTRUCTIONS TO CANDIDATES

- Write your name in the space above.
- Write your Centre number and Candidate number in the boxes above.
- Answer **one** question from questions 1 to 3 and then answer question 4.
- Write your answers, in blue or black ink, in the spaces in this booklet. Your answers must be limited to the spaces provided. Additional answer paper must **not** be used.
- Read each question carefully and make sure you know what you have to do before starting your answer.
- You must attach Section A (your report of 1500 words, along with its cover sheet), to this booklet and hand them in together upon completion of the assignment. The report will be marked out of 20.

INFORMATION FOR CANDIDATES

- The number of marks is given in brackets [] at the end of each question or part question.
- Even where not specifically asked for, credit will be given for sketch maps and diagrams, provided they serve to illustrate your answer.
- The total number of marks for this external assignment is 60.
- You will be awarded marks for the quality of written communication where an answer requires a piece of extended writing.

FOR EXAMINER'S USE	
Report	
1	
2	
3	
4	
TOTAL	

This assignment consists of 8 printed pages and an insert.

Answer **one** question from questions 1 to 3.

You should refer to and expand on, but not repeat, sections of your 1500 word report in your answer.

- 1 If you repeated your investigation at the same location next year, identify the factors that need to be considered to ensure a fair comparison with this year's results. Why might this be difficult to achieve? [20]

- 2 A geographical investigation may be carried out by an individual or a group of students. Identify the approach that you used and evaluate both its advantages and disadvantages. [20]

- 3 Discuss the extent to which you made the most appropriate choice of sampling method and sample size. [20]

Question 1 or 2 or 3 (Circle your choice).

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END OF QUESTION 1, 2 OR 3

Answer question 4.

- 4 As part of an AS investigation, a student collected data from three sites along a transect leading away from a river. Maximum and minimum temperature and relative humidity readings were taken at each site at 10:00 a.m. on four successive days in early summer (see Fig. 1 below).

The student wanted to present the data so that it displayed how temperature and relative humidity varied in time and space. Unfortunately, the student did not present the data using the most appropriate and effective techniques.

Consider the weaknesses and strengths of the data presentation methods in Figs 2 to 4 (on separate insert), and suggest how the data could be presented more effectively using graphs. [20]

	Site A	Site B	Site C
Day	Maximum temperature (°C)		
1	22.4	20.5	19.4
2	23.7	22.4	20.7
3	24.9	23.5	22.5
4	25.6	23.6	23.1
Day	Minimum temperature (°C)		
1	6.8	5.7	4.6
2	14.4	14.1	12.9
3	12.2	11.8	10.2
4	13.1	13.1	12.8
Day	Relative humidity (%)		
1	77.4	79.2	80.6
2	65.5	68.9	69.8
3	70.2	71.4	72.5
4	80.1	80.3	81.8

Fig. 1 Daily Variation in Temperature and Relative Humidity along a Transect

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