

OXFORD CAMBRIDGE AND RSA EXAMINATIONS
Advanced Subsidiary GCE
GEOGRAPHY A



2682/01

Geographical Investigation

Friday **13 JANUARY 2006** Morning 45 minutes

Candidates answer on the question paper.
 No additional materials are required.

Candidate Name

Centre Number

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Candidate Number

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TIME 45 minutes

INSTRUCTIONS TO CANDIDATES

- Write your name in the space above.
- Write your Centre number and Candidate number in the boxes above.
- Answer **all** the questions.
- Write your answers, in blue or black ink, in the spaces on the question paper.
- Read each question carefully and make sure you know what you have to do before starting your answer.
- Do not write in the bar code. Do not write in the grey area between the pages.
- **DO NOT WRITE IN THE AREA OUTSIDE THE BOX BORDERING EACH PAGE. ANY WRITING IN THIS AREA WILL NOT BE MARKED.**

INFORMATION FOR CANDIDATES

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

FOR EXAMINER'S USE	
Q1	
Q2	
Q3	
TOTAL	

This question paper consists of 5 printed pages and 3 blank pages.

State the title of your Geographical Investigation below.

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- 1 (a) Describe and justify the content that should be included in the final stage, the Presentation of a Summary, of an AS Geographical Investigation Report.

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- (b) Describe and explain how the final stage of your own Geographical Investigation Report, the Presentation of a Summary, might have been improved.

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- 3 The data shown in Fig. 1 was collected in an investigation of the soil moisture contents (% by volume) in two forests. Twenty randomly distributed soil moisture readings were taken in a deciduous forest and twenty in a coniferous forest.

Describe and explain how an appropriate statistical method, or methods, may be used to answer the central question of the investigation, 'To what extent do soil moisture contents differ between the two forests?'

Fig. 1 Soil moisture data (% by volume) collected in two forests

Deciduous Forest Site Number	Soil Moisture % by volume	Coniferous Forest Site Number	Soil Moisture % by volume
1	19	1	8
2	21	2	10
3	14	3	5
4	16	4	7
5	15	5	19
6	17	6	16
7	3	7	19
8	14	8	89
9	15	9	7
10	13	10	17
11	12	11	16
12	13	12	19
13	60	13	19
14	15	14	10
15	18	15	25
16	22	16	10
17	14	17	25
18	13	18	19
19	13	19	10
20	13	20	19

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