

### **OXFORD CAMBRIDGE AND RSA EXAMINATIONS**

**Advanced Subsidiary GCE** 

# **GEOGRAPHY A**

Geographical Investigation



Friday 26 MAY 2006 Afternoon 45 minutes

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

Candidate Name							
							I
Centre Number				Candidate Number			

### **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 EXAMI	NER'S USE
Q1	
Q2	
Q3	
TOTAL	
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This question paper consists of 8 printed pages.

Sta	ate the title of your Geographical Investigation below:
 1	Five stages may be identified in an AS Geographical Investigation. These are:
	<ol> <li>Identification of a question,</li> <li>Development of a strategy,</li> <li>Collection of data,</li> <li>Analysis, evaluation and interpretation,</li> <li>Presentation of a summary.</li> </ol>
	Describe and explain why, at any stage in your Investigation, there might be a need to revisit previous stages in the sequence 1 to 5 (see above) to revise work done within them.


[Total: 20]

Fig. 1 Distance and journey time to school

Pupil	Distance to School (km)	Journey time to school (minutes)
1	0.1	5
2	2.0	13
3	2.0	14
4	15.0	40
5	16.0	46
6	3.7	16
7	6.2	17
8	20.7	27
9	3.2	11
10	11.0	33
11	3.7	18
12	0.9	10
13	7.3	21
14	8.2	23
15	9.3	25
16	0.6	9
17	15.3	20
18	16.2	18
19	2.3	11
20	2.3	15
21	18.6	30
22	11.0	31
23	11.2	31
24	11.7	37
25	5.1	20
26	5.9	19
27	2.6	16
28	2.8	18
29	2.0	12
30	6.2	24

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Describe, using a sketch diagram, <b>one</b> method by which both the journey time to the associated distance to school data for each individual pupil, might be present the relationship between them. Justify your choice of method.								ented to s	
	lile leiai	ionsing b	etween th	em. Just	ily your c	iloice oi	memou.		
								 •••••	
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	7
1	Describe and explain, using a real or hypothetical physical geography example of your choice, how a statistical method can be used to test for 'association' (relationship) between two variables.

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[Total: 20]

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