

## ADVANCED SUBSIDIARY GCE GEOGRAPHY A

Geographical Investigation

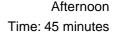
**TUESDAY 20 MAY 2008** 

Candidates answer on the question paper Additional materials (enclosed): An Insert

Additional materials (required):

None







Candidate Forename					Candidate Surname						
Centre Number							Candidate Number				

## **INSTRUCTIONS TO CANDIDATES**

- Write your name in capital letters, your Centre Number and Candidate Number in the boxes above.
- Use blue or black ink. Pencil may be used for graphs and diagrams only.
- Read each question carefully and make sure that you know what you have to do before starting your answer.
- Answer all the questions.
- Do **not** write in the bar codes.
- Do not write outside the box bordering each page.
- Write your answer to each question in the space provided.

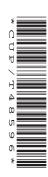
## **INFORMATION FOR CANDIDATES**

- The number of marks for each question 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				
Qu.	Mark			
1				
2				
3				
TOTAL				

This doc	ument co	nsists of	8	printed	pages	and	an	Insert.
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## Answer all questions.

Sta	ate the	e title of yo	ur Ge	eographic	al Inv	estigatio	on b 	elow:							
1	(a)	Describe investigat		usefulne	ess o	f each	of	two	types	of	data	used	in	your	geographical
															[10]

(b)	To what extent did the findings of your geographical investigation relate to geographical theories?	al
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	[10	0]
	[Total: 20	0]

2	(a)	With reference to <b>either</b> Fig. 1 <b>or</b> Fig. 2 (Insert) suggest how you would take account of risks when planning to collect data from this location.
		[4.0]

(b)	Explain the advantages and disadvantages of <b>two</b> sampling methods.
	[10]
	[Total: 20]

**3** Fig. 3 shows the environmental degradation and mean age of buildings in two cities of similar size.

Site	City A		City B			
number	Environmental degradation (out of 50)*	Mean age of buildings (years)	Environmental degradation (out of 50)*	Mean age of buildings (years)		
1	35	95	24	35		
2	22	34	26	75		
3	26	38	12	60		
4	46	67	18	40		
5	37	108	23	49		
6	34	95	35	82		
7	21	49	25	126		
8	40	125	27	56		
9	23	75	20	34		
10	9	15	18	102		
11	38	44	34	78		
12	34	78	14	18		
13	29	57	23	32		
14	39	12	13	20		
15	41	48	20	28		

<sup>\* 1 =</sup> low and 50 = high environmental degradation

Fig. 3 Environmental degradation and mean age of buildings in two cities of similar size

(a)	What are the advantages and disadvantages of using pie charts to compare the differences in the environmental degradation of these two cities?

	[10]
(b)	Suggest and justify <b>one</b> method of analysing the relationship between environmental degradation and the mean age of buildings in <b>city A</b> .

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[Total: 20]

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