



**ADVANCED SUBSIDIARY GCE**  
**GEOGRAPHY A**  
 Geographical Investigation

**2682/01**

Candidates answer on the question paper

**OCR Supplied Materials:**  
None

**Other Materials Required:**  
None

**Tuesday 19 May 2009**  
**Afternoon**

**Duration:** 45 minutes



Candidate Forename		Candidate Surname	
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Centre Number						Candidate Number				
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**INSTRUCTIONS TO CANDIDATES**

- Write your name clearly in capital letters, your Centre Number and Candidate Number in the boxes above.
- Use 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.
- Write your answer to each question in the space provided, however additional paper may be used if necessary.

**INFORMATION FOR CANDIDATES**

- The number of marks is given in brackets [ ] at the end of each question or part question.
- 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.
- The total number of marks for this paper is **60**.
- This document consists of **8** pages. Any blank pages are indicated.

FOR EXAMINER'S USE	
Qu.	Mark
1	
2	
3	
TOTAL	

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- [10]

- (b)** Describe how your investigation could have been improved by the use of data not collected as part of the fieldwork by your school/college.

..... [10]

**[Total: 20]**

- 2 Study Fig. 1 which shows the strategy developed by a group of 12 students investigating factors affecting rural migration.

Sampling	Systematic sampling. 10 villages varying in size from 300 to 3000 people. Villages located up to 40 miles from a town with a population of 120 000 people. Villages situated on a mixture of A and B roads.
Dates, times and types of data collection	7 students working in 5 villages: Wednesday 5th November 2008 (evening) Door-to-door survey
	5 students working in 5 villages: Friday 7th November 2008 (09:00 – 15:00) On-street survey at village shops and centre of village
Planned sample size	400. Same number in each village.
Risk assessment	Being knocked over by cars Mugging
Additional information to collect	Village services Environmental attractiveness of villages (rating 1 to 5) Village population

**Fig. 1 Strategy for Data Collection**

With reference to Fig. 1, identify the limitations of this strategy and explain how it could have been improved.

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**[20]**

**[Total: 20]**

**Turn over**

- 3 (a) Study Fig.2 which shows data for two different locations that are being compared in a geographical investigation.

Time	Location A		Location B	
	Temperature (°C)	Wind speed (km/h)	Temperature (°C)	Wind speed (km/h)
00:00	6	8	3	18
04:00	7	7	3	30
08:00	8	7	7	42
12:00	12	10	15	60
16:00	10	11	12	55
20:00	8	9	6	43
24:00	4	5	4	40

**Fig. 2 Temperature and wind speed at two locations**

Describe and justify an appropriate way of comparing the data for the two locations using **one** of the following methods of representation: scattergraph, line graph or bar chart.

You may use a sketch diagram if you wish.



..... [10]

**[Total: 20]**



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