

**ADVANCED GCE
GEOGRAPHY A**
Investigative Skills
FRIDAY 6 JUNE 2008

2686

Morning
Time: 1 hour 30 minutes

Additional materials (enclosed): An Insert
OS Map Extract

Additional materials (required):
Answer Booklet (8 page)



INSTRUCTIONS TO CANDIDATES

- Write your name in capital letters, your Centre Number and Candidate Number in the spaces provided on the Answer Booklet.
- Read each question carefully and make sure you know what you have to do before starting your answer.
- Answer **two** questions.
- Write your answers in blue or black ink.

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 **90**.
- 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, diagrams and examples of places you have studied, provided they illustrate your answer.

This document consists of **3** printed pages, **1** blank page, **1** Insert and a Map Extract.

Answer **two** questions.

- 1 (a) Study the 1:50 000 O.S. Map extract of Salisbury showing an area in which an A level geographical investigation is to be undertaken.
- (i) State an appropriate title for a geographical investigation which could be undertaken within the area of the map extract. Outline **two** sets of data that you would need to collect for your investigation. [5]
 - (ii) Explain how geographical ideas that you have studied influenced your choice of title. [10]
 - (iii) Describe and justify how you would use sampling methodologies to collect the data sets identified in (i). [15]
- (b) Fig. 1 shows a questionnaire created by a group of students as part of a geographical investigation into the shopping patterns in a town. Assess the strengths and weaknesses of this questionnaire and suggest improvements. [15]
- 2 (a) Study photograph Fig. 2, which shows a sand dune area.
- (i) State **three** pieces of information that you would add to the photograph for it to be a valuable resource in a finished report. Briefly outline how any **two** of these would be useful to your study. [5]
 - (ii) Photographs are valuable sources of secondary data. Describe how photographs such as this one could provide sources of data to enhance an investigation of this area. [10]
 - (iii) Fig. 3 shows primary data collected on this dune area. Describe and explain how you could represent this data. You should include diagrams. [15]
- (b) Students investigated the relationship between wind speeds and distance from the sea on this dune system. Describe and explain how spatial sampling could generate this data. [15]
- 3 (a) Study Fig. 4(a) and 4(b), which show average weekly earnings in part of South-East England.
- (i) Describe the advantages and disadvantages of using the choropleth map in Fig. 4(a) to show the data in Fig. 4(b). [10]
 - (ii) Outline an alternative method of showing this data on a map. [5]
 - (iii) Describe and explain how a correlation technique would help in the statistical analysis of the data in Fig. 4(b). [15]
- (b) To what extent is statistical testing vital in any geographical investigation? [15]

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