

General Certificate of Education
January 2008
Advanced Subsidiary Examination



GENERAL STUDIES (SPECIFICATION B)
Unit 3 Space

GSB3

Friday 18 January 2008 9.00 am to 10.15 am

For this paper you must have:

- an 8-page answer book
- a Source Booklet enclosed as an insert
- graph paper
- a calculator
- drawing instruments.

Time allowed: 1 hour 15 minutes

Instructions

- Use blue or black ink or ball-point pen.
- Write the information required on the front of your answer book. The *Examining Body* for this paper is AQA. The *Paper Reference* is GSB3.
- Answer **all** questions.
- Do all rough work in the answer book. Cross through any work you do not want to be marked.

Information

- The maximum mark for this paper is 60.
- The marks for questions are shown in brackets.
- Parts (b), (d), (e), (f) and (g) should be answered in continuous prose. In these questions you will be marked on your ability to use good English, to organise information clearly and to use specialist vocabulary where appropriate.

There are no questions printed on this page

Study **Sources 1 to 4** provided in the separate booklet and then answer **all** of the following questions.

Total for this paper: 60 marks

1 Look carefully at **Sources 1, 2, 3** and **4**.

Source 1 shows the International Passenger Survey for 1998 to 2006.

Source 2 shows noise complaints received by Environmental Health Officers for 2001 to 2004.

Source 3 shows passengers, area and population affected by noise around selected UK airports in 2004.

Source 4 shows a web page from 'Climatecare', July 2006.

(a) Using **Source 1** construct a line graph as follows:

(i) draw **one** line showing the UK residents' visits abroad from 1998 to 2006

(ii) and on the **same graph**, a second line, showing the overseas residents' visits to the UK for the same period. *(6 marks)*

(b) Suggest possible reasons for the increasing trend of UK residents' visits overseas. *(6 marks)*

(c) (i) In 2004 what percentage of the total amount of noise complaints received was about domestic premises? (**Source 2**) *(2 marks)*

(ii) What was the percentage increase for the noise complaints received about aircraft from 2003 to 2004? (**Source 2**) *(2 marks)*

(iii) Using the data in **Source 2**, suggest **two** reasons for the increasing trend in the total number of noise complaints received. *(2 marks)*

(d) Why might the data in **Source 3** be of limited value and to whom? *(9 marks)*

(e) Why might new businesses and industries decide **not** to locate in cities or towns? *(9 marks)*

(f) 'Projected growth in air travel means we should plan further expansion of airports in the UK.' How far do you agree with this statement? *(12 marks)*

(g) 'We are aware of what needs to be done to safeguard our environment, but we are not doing it.' Using **Source 4** as a starting point how far do you agree with this assertion? *(12 marks)*

END OF QUESTIONS

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