| Surname | | Other Names | |
|---|---|---|---|
| Centre Number | | | Candidate Number | | | | | | | | | |
| Candidate Signature | | | | | | | | | | | | |

For Examiner's Use

General Certificate of Education
January 2007
Advanced Subsidiary Examination

ASSESSMENT and QUALIFICATIONS ALLIANCE

**GEOGRAPHY (SPECIFICATION A) GGA2**
**Unit 2 Core Concepts In Human Geography**

Monday 15 January 2007 9.00 am to 10.00 am

**For this paper you must have:**
- the colour insert (enclosed).

You may use a calculator.

Time allowed: 1 hour

| For Examiner's Use | | | |
|---|---|---|---|
| Question | Mark | Question | Mark |
| 1 | | 3 | |
| 2 | | | |
| Total (Column 1) → | | | |
| Total (Column 2) → | | | |
| TOTAL | | | |
| Examiner's Initials | | | |

## Instructions

- Use blue or black ink or ball-point pen. You may use pencil for maps, diagrams and graphs.
- Fill in the boxes at the top of this page.
- Answer **all** questions.
- Answer the questions in the spaces provided.
- Do all rough work in this 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.
- You will be marked on your ability to use an appropriate form and style of writing, to organise relevant information clearly and coherently, and to use specialist vocabulary where appropriate. The legibility of your handwriting and the accuracy of your spelling, punctuation and grammar will also be considered.

LEAVE MARGIN BLANK

Answer **all** questions in the spaces provided.

**1** (a) Study **Figures 1a** and **1b**, which show internal migration in England and Wales between 2003 and 2004.

**Figure 1a**

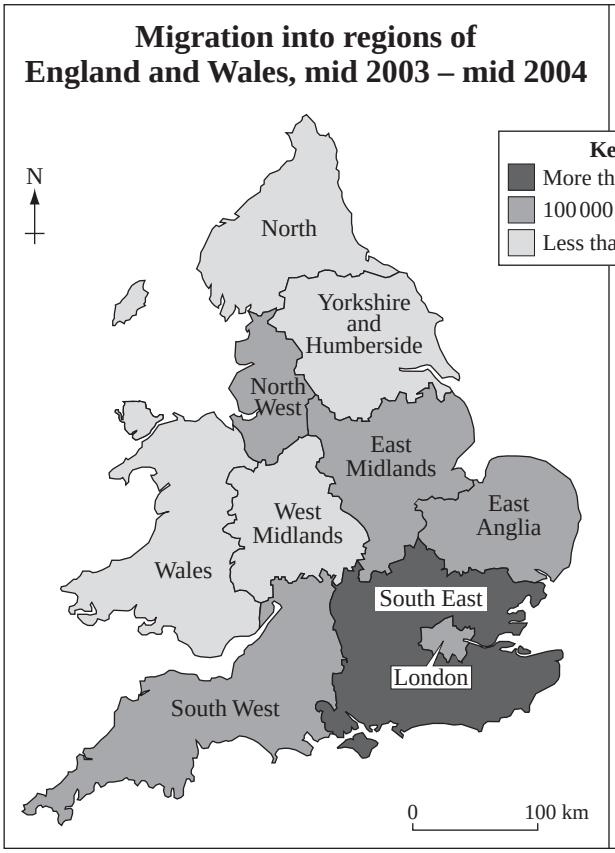
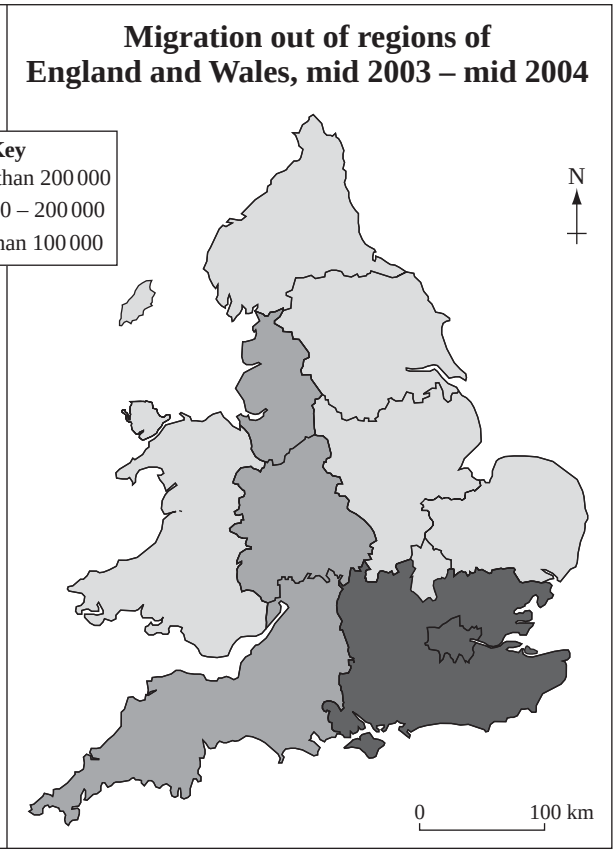



**Figure 1b**




(i) Using **Figures 1a** and **1b**, state **one** region which has experienced net migration loss in its population, and **one** which has experienced net migration gain in its population.

Loss .....

Gain .....

*(2 marks)*

LEAVE MARGIN BLANK

(ii) Outline factors that might encourage migration at a national scale.

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*(3 marks)*

(b) How can migration be classified?

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*(5 marks)*

**Question 1 continues on the next page**

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(c) The population of the UK has changed over the last 100 years as a result of both natural increase and migration. Examine the factors influencing natural population change in the UK over the last 100 years.

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*(10 marks)*

**20**

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**2** (a)

Figure **2a**, a table showing the population and annual retail turnover figures for selected settlements in the Luton area in the early 1990s, is not reproduced here due to third-party copyright constraints.

(i) Describe the relationship between population and annual retail turnover.

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*(2 marks)*

(ii) Outline how Reilly's Law could be used to establish Luton's sphere of influence.

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*(3 marks)*

**Question 2 continues on the next page**

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(iii) Outline **one or more** methods that may be used to identify the actual sphere of influence of a settlement.

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*(5 marks)*

(b) Suburbanisation has occurred to such an extent between Luton and Dunstable that in **Figure 2b** it is difficult to determine the boundary between the two settlements. Explain why suburbanisation has occurred in many MEDC cities.

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*(10 marks)*

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**Turn over for the next question**

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**3** (a) Study **Figure 3**, on the insert, a map and an aerial photograph showing the location of The Oxford Science Park.

(i) Using the map, describe the situation of The Oxford Science Park.

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*(2 marks)*

(ii) Use the photograph to comment on the layout of the science park.

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*(3 marks)*

(iii) Outline the costs and benefits of a location such as this for a science park.

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*(5 marks)*

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(b) Examine the economic and environmental impacts of de-industrialisation in **one or more** areas of the UK you have studied.

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*(10 marks)*

**20**

**END OF QUESTIONS**

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| Question 3 | Figure 3: | The Oxford Science Park. |

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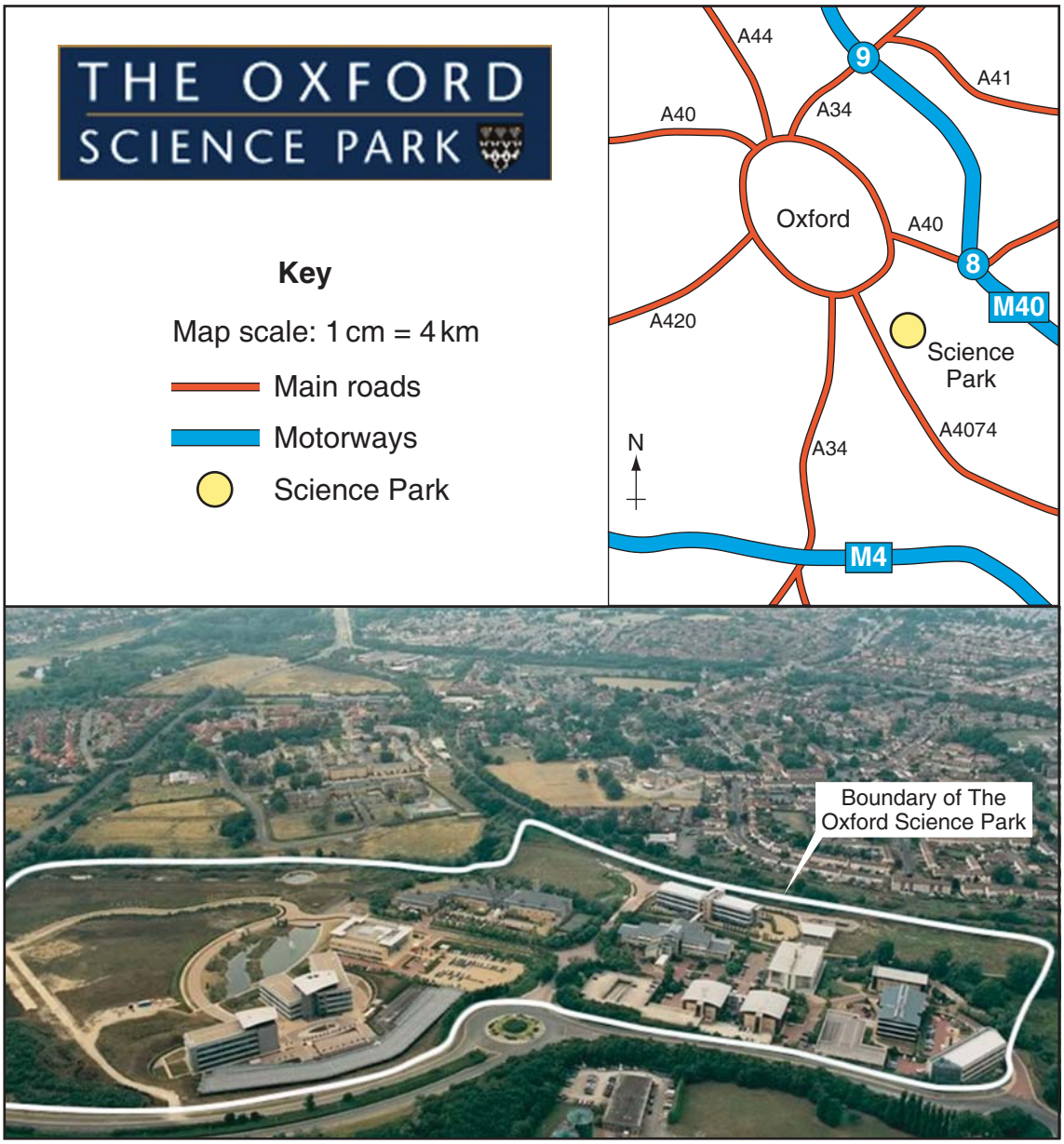
**GEOGRAPHY (SPECIFICATION A)** **GGA2**
**Unit 2 Core Concepts in Human Geography**

# Colour insert

**Figure 2b**

**Turn over ▶**

**Figure 3**

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