

Surname						Other Names					
Centre Number						Candidate Number					
Candidate Signature											

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General Certificate of Education
 January 2005
 Advanced Subsidiary Examination



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

GGA2

Thursday 13 January 2005 Morning Session

In addition to this paper you will require:
 the colour insert (enclosed).
 You may use a calculator.

For Examiner's Use			
Number	Mark	Number	Mark
1		7	
2		8	
3		9	
4			
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6			
Total (Column 1)	→		
Total (Column 2)	→		
TOTAL			
Examiner's Initials			

Time allowed: 1 hour

Instructions

- Use blue or black ink or ball-point pen for written answers. You may use pencil for maps, diagrams and graphs.
- Fill in the boxes at the top of this page.
- Answer **three** questions in the spaces provided: **two** from Sections A, B and C and **one** from Section D.
- **Each question attempted must be from a different topic area.**
- Do all rough work in this book. Cross through any work you do not want marked.

Information

- The maximum mark for this paper is 50.
- Each question in Sections A, B and C is worth 15 marks.
- Each question in Section D is worth 20 marks.
- Mark allocations are shown in brackets.
- You will be assessed 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 degree of legibility of your handwriting and the level of accuracy of your spelling, punctuation and grammar will also be taken into account.
- Answers should relate to your own geographical studies. These may relate to fieldwork.

Advice

- You are advised to spend about 35 minutes on **Sections A–C** and about 25 minutes on **Section D**.

Answer **only two** questions from Sections A, B and C.
Answer **only one** question from Section D.

SECTION A

If you choose this section, answer **either** Question 1 **or** Question 2.
If you answer a question from this section, you must **not** answer Question 7 in Section D.
Each question carries 15 marks.

POPULATION DYNAMICS

1

Total for this question: 15 marks

(a) **Figure 1** shows the pattern of population density in Japan.

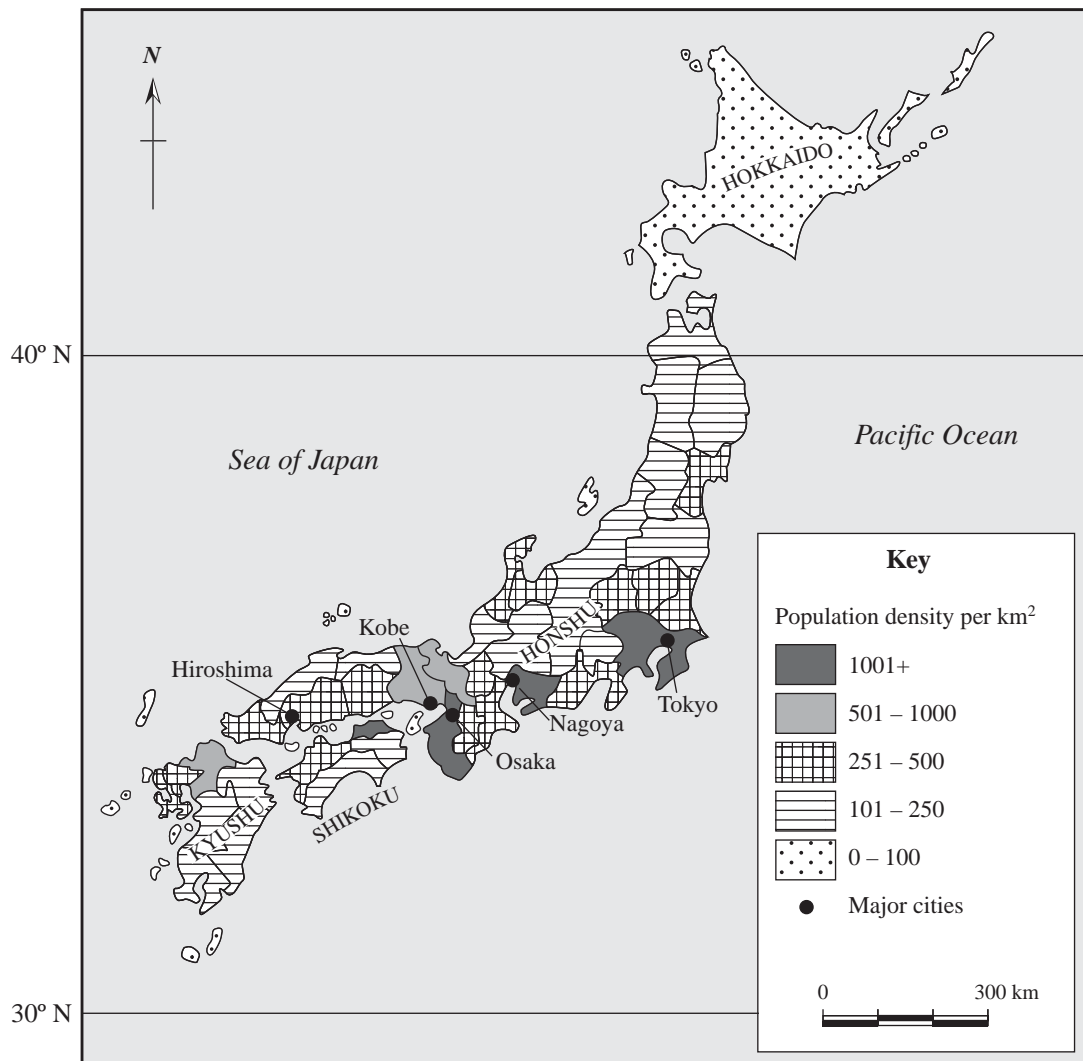


Figure 1

(i) Describe the pattern of population density shown in **Figure 1**.

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(3 marks)

(ii) Suggest reasons why some regions of Japan have very high population densities.

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(5 marks)

QUESTION 1 CONTINUES ON THE NEXT PAGE

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(b) Examine the main factors responsible for large areas of low population density on a global scale.

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(7 marks)

NO QUESTIONS APPEAR ON THIS PAGE

TURN OVER FOR THE NEXT QUESTION

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2

Total for this question: 15 marks

- (a) **Figure 2** shows how birth rates, death rates and natural increase changed in Mexico between 1950 and 2000.

Figure 2, a graph showing birth rates, death rates and natural increase changes in Mexico between 1950 and 2000, from 'Philips Geographical Digest' (1992) Octopus Publishing Group, has not been reproduced here due to third-party copyright constraints.

- (i) Using evidence from **Figure 2**, state the stages of the demographic transition model into which Mexico fitted in 1950 and 2000.

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(3 marks)

(ii) Suggest reasons for the variations in natural increase shown in **Figure 2** between 1950 and 2000.

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(5 marks)

(b) Explain why the pattern of population change in some countries does not follow that predicted by the demographic transition model.

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SECTION B

If you choose this section, answer **either** Question 3 **or** Question 4.
If you answer a question from this section, you must **not** answer Question 8 in Section D.
Each question carries 15 marks.

SETTLEMENT PROCESSES AND PATTERNS

3

Total for this question: 15 marks

- (a) **Figures 3a** and **3b** give information about a village in south-east England. **Figure 3a** gives census data and **Figure 3b** gives the results of a 25% sample survey conducted to show the age of housing in the village.

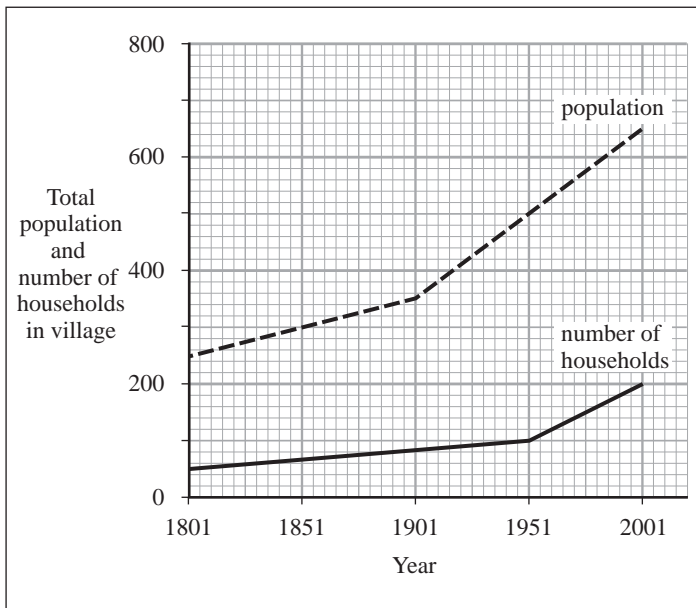


Figure 3a

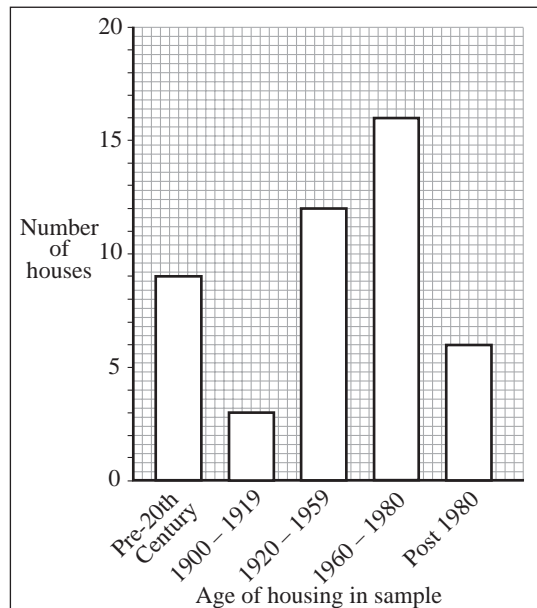


Figure 3b

- (i) Describe the changes shown in **Figure 3a**.

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(3 marks)

(ii) Use evidence from **Figures 3a** and **3b** to suggest why this village would conform to the characteristics of a suburbanised village.

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(5 marks)

(b) There are plans to extend existing rural settlements and to create new villages within south-east England before 2016. Examine the issues considered by decision-makers when selecting sites for such new developments.

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4

Total for this question: 15 marks

(a) **Figure 4** (*insert*) shows advertising for a residential development in Northamptonshire.

(i) State evidence from **Figure 4** that indicates that this residential development is in the rural-urban fringe.

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(3 marks)

(ii) Outline some of the advantages which might result from such a residential development.

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(5 marks)

- (b) Examine the issues regarding the use of brownfield sites for additional housing in a town or city in the UK.

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(7 marks)

15

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SECTION C

If you choose this section, answer **either** Question 5 **or** Question 6.
If you answer a question from this section, you must **not** answer Question 9 in Section D.
Each question carries 15 marks.

ECONOMIC ACTIVITY

5

Total for this question: 15 marks

(a) **Figure 5** shows the Rostow model adapted to several countries.

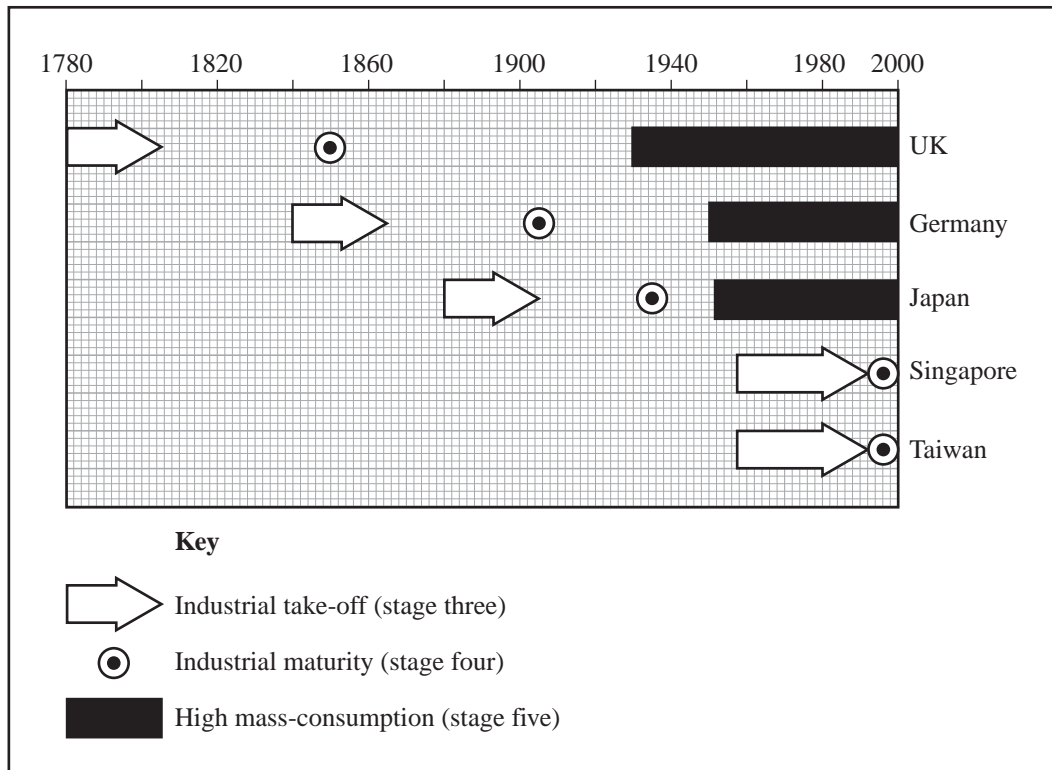


Figure 5

(i) State the differences between the patterns of economic development in the countries shown in **Figure 5**.

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(3 marks)

(ii) Suggest reasons for the differences identified in (a)(i).

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(5 marks)

(b) Using examples, examine the regional problems which might result from a country experiencing de-industrialisation.

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6

Total for this question: 15 marks

(a) **Figure 6** (*insert*) shows the situation of, and gives information relating to, Maasmechelen Village, a retail park in Belgium.

(i) Use the map in **Figure 6** to describe the situation of Maasmechelen Village.

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(3 marks)

(ii) With the help of **Figure 6**, outline the positive economic and environmental consequences of the retail park for the local area.

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(5 marks)

- (b) Referring to an area in the UK, explain why the patterns of retailing have changed in recent years.

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(7 marks)



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SECTION D

Answer **one** question from this section, **either** Question 7, Question 8 **or** Question 9, on the lined pages that follow.

7 POPULATION DYNAMICS

You must **not** answer Question 7 if you have answered a question from Section A.

How useful is Lee's model in explaining migration at regional, national and international scales? (20 marks)

8 SETTLEMENT PROCESSES AND PATTERNS

You must **not** answer Question 8 if you have answered a question from Section B.

"Over time, shanty towns within cities of the LEDW change for the better." Use one or more examples to support this statement. (20 marks)

9 ECONOMIC ACTIVITY

You must **not** answer Question 9 if you have answered a question from Section C.

To what extent has recent growth in manufacturing industry in the UK been spatially selective? (20 marks)

END OF QUESTIONS

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Question 1: Figure 1: With permission: Japan 21

Question 2: Figure 2: *Philip's Certificate Atlas and Philip's Geographical Digest*; Octopus Publishing Group Ltd

Question 3: Figure 3: www.buckscc.gov.uk © crown copyright

Question 6: Figure 6: Maasmechelen Village; www.valueretail.com; Value Retail PLC

QUESTION
NUMBER

Write the question number in the left-hand margin.

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ASSESSMENT and
QUALIFICATIONS
ALLIANCE

Colour Insert



Figure 4
(for use with Question 4)

Turn over ►

Figure 6, showing the situation of, and giving information relating to, Maasmechelen Village, a retail park in Belgium, from www.valueretail.com, has not been reproduced here due to third-party copyright constraints.