

Surname						Other Names					
Centre Number						Candidate Number					
Candidate Signature											

For Examiner's Use

General Certificate of Education
June 2007
Advanced Subsidiary Examination



GEOGRAPHY (SPECIFICATION B)
Unit 1 The Dynamics of Change

GGB1

Friday 25 May 2007 1.30 pm to 2.30 pm

You will need no other materials.
You may use a calculator.

Time allowed: 1 hour

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. Additional lines have been included so that you can cross through any work you do not want to be marked. You do not have to fill all of the space provided to gain maximum marks.
- Give sketch maps, diagrams and specific examples, where appropriate.

Information

- The maximum mark for this paper is 60.
- The marks for questions are shown in brackets.
- You are expected to use a calculator where appropriate.
- 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.

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Question	Mark	Question	Mark
1		3	
2		4	
Total (Column 1) →			
Total (Column 2) →			
TOTAL			
Examiner's Initials			

(b) How did your results help to improve your understanding of the topic or environment investigated?

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(5 marks)

10

Turn over for the next question

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Total for this question: 16 marks

2 (a) In relation to river studies, what is meant by the term ‘knick point’?

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(2 marks)

(b) Describe and suggest reasons for variations in valley long profiles.

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(8 marks)

- (c) Draw and label **two** different valley cross profiles found along the course of a river. For **one** of these profiles, explain how processes of river erosion have contributed to its formation.

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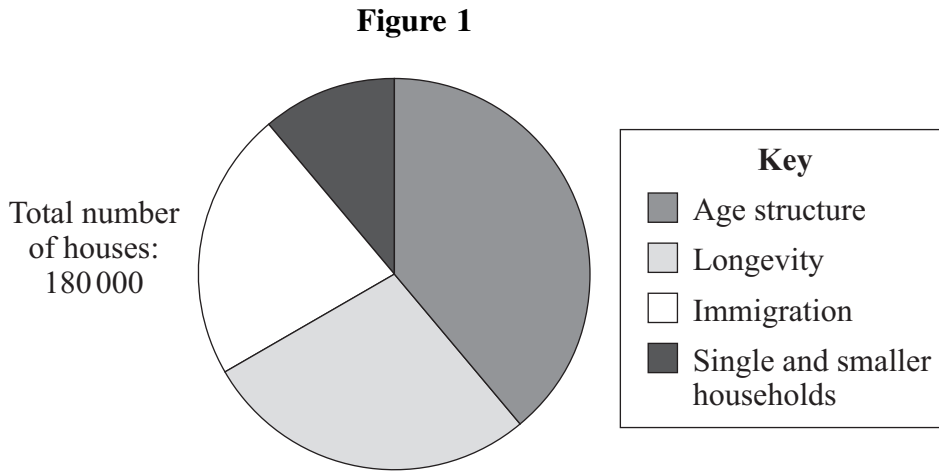
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(6 marks)

Total for this question: 17 marks

- 3 (a) A report published in 2005 predicted that 180 000 extra houses would be needed in the UK each year up to 2021 in order to satisfy demands caused by social and demographic changes.

Figure 1 shows major causes of increased demand for houses.



- (i) What is longevity and why does it lead to an increase in demand for houses?

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(3 marks)

(ii) Estimate how many extra houses are needed as a result of:

longevity

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(2 marks)

single and smaller households.

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(2 marks)

Question 3 continues on the next page

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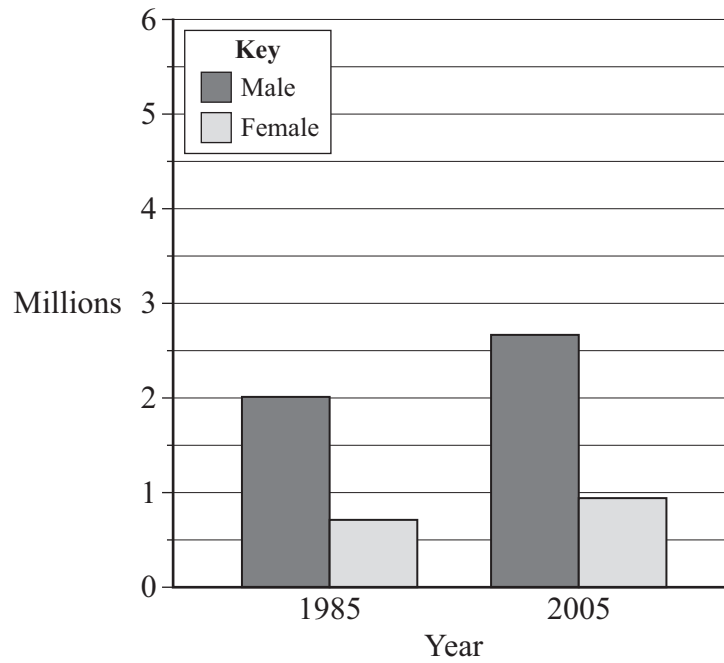
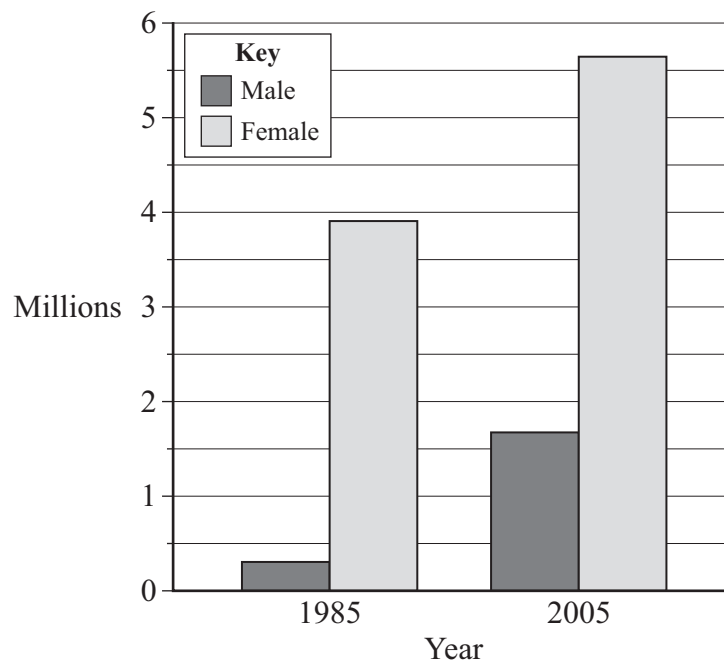
(10 marks)

17

Turn over for the next question

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Total for this question: 17 marks

4 (a) Study **Figures 2a** and **2b**.**Figure 2a****Self-employment****Figure 2b****Part-time Employment**

Describe the changes in employment shown in **Figures 2a** and **2b**.

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(6 marks)

(b) In 2000 15% of males and 24% of females worked in some form of flexible working arrangement, such as part-time and home-working.

What are the advantages to **employers** of such arrangements?

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(4 marks)

Question 4 continues on the next page

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