

Surname		Other Names	
Centre Number		Candidate Number	
Candidate Signature			

For Examiner's Use

General Certificate of Education
 January 2009
 Advanced Subsidiary Examination



GEOGRAPHY (SPECIFICATION B)
Unit 1 The Dynamics of Change

GGB1

Monday 12 January 2009 9.00 am to 10.00 am

For this paper you must have:

- the colour insert (enclosed).

You may use a calculator.

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

Time allowed: 1 hour

Instructions

- Use black ink or black 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.
- You must answer the questions in the spaces provided. Answers written in margins or on blank pages will not be marked.
- Do all rough work in this book. Cross through any work you do not want to be marked.
- 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 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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(10 marks)

(Extra space)

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1 (c) Describe **two** ways in which human activity could **decrease** the lag time of a storm hydrograph.

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(4 marks)

Turn over ►



Total for this question: 10 marks

2 With reference to an investigation that you have undertaken:

2 (a) State **one** hypothesis and describe how you collected the accurate data required to test that hypothesis.

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(5 marks)

(Extra space)

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

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(5 marks)

(Extra space)

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10

Turn over for the next question

Turn over ►



(8 marks)

(Extra space)

Question 3 continues on the next page

Turn over ►



Turn over for the next question

**DO NOT WRITE ON THIS PAGE
ANSWER IN THE SPACES PROVIDED**

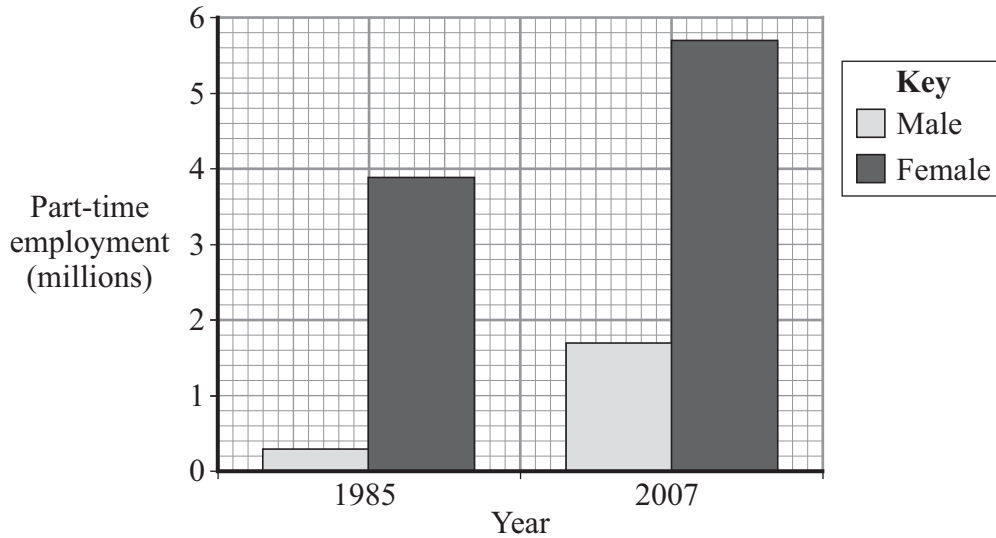
Turn over ▶



Total for this question: 17 marks

- 4 (a) **Figure 2** shows part-time employment in 1985 and 2007.

Figure 2



- 4 (a) (i) Using data from **Figure 2**, complete the table below.

Part-time employment	1985 (millions)	2007 (millions)	Change (millions)	% change
Male	0.3			
Female	3.9			
Total	4.2	7.4	3.2	

(4 marks)



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Colour Insert

Turn over ►

Figure 1

