

Centre No.						Paper Reference						Surname	Initial(s)	
Candidate No.						<b>6</b>	<b>4</b>	<b>7</b>	<b>4</b>	<b>/</b>	<b>0</b>	<b>1</b>	Signature	

Paper Reference(s)

**6474/01**

**Edexcel GCE**  
**Geography B**  
**Advanced**

Unit 4: Global Challenge  
 Tuesday 24 January 2006 – Afternoon  
 Time: 2 hours

Examiner's use only

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Team Leader's use only

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**Materials required for examination**

Nil

**Items included with question papers**

Resource Booklet

Question Number	Leave Blank
Section A	
1	
2	
3	
Section B	
4	
5	
6	
Section C	
7	
8	
9	
Total	

**Instructions to Candidates**

In the boxes above, write your centre number, candidate number, your surname, initial(s) and signature.  
 Answer **THREE** questions, choosing **ONE** from **Section A on page 2**, **ONE** from **Section B on page 10** and **ONE** from **Section C on page 18**. For each section, indicate which question you are answering by marking the box (☒).  
 If you change your mind put a line through the box (☒) and then mark your new answer with a cross (⊗).  
 Include diagrams and sketch maps in your answers where these are helpful.

**Information for Candidates**

The marks for individual questions and the parts of questions are shown in round brackets: e.g. (2).  
 There are 9 questions in this question paper.  
 Questions in Section A and B are worth 25 marks; questions in Section C are worth 30 marks.  
 The total mark for this paper is 80.  
 There are 28 pages in this question paper. Any blank pages are indicated.

**Advice to Candidates**

You must ensure that your answers to parts of questions are clearly indicated by (a) or (b).  
 Quality of written communication will be assessed within your answers.

**Turn over**

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**For each section, choose which question you intend to answer and put a cross in the box at the top of the writing page. If you change your mind about an answer, put a line through the box and then mark your new answer with a cross.**

**Section A**

**The Natural Environment**

**Answer ONE question only.**

**You are advised to spend approximately 35 minutes on this question.**

1. Study Figure 1. It shows air masses experienced over the British Isles.
- (a) Describe and explain the influence of these air masses on the weather of the British Isles. (12)
- (b) Examine the management problems caused by the variability of the weather in the British Isles. (13)

**(Total 25 marks)**

**Q1**

2. Study Figure 2. It shows the possible consequences of global warming in North and South America.
- (a) Examine the possible consequences shown in Figure 2. (12)
- (b) Assess the attempts of **one** country to reduce the impacts of global warming. (13)

**(Total 25 marks)**

**Q2**

3. Study Figure 3. It shows the present condition and changing capacity of three types of ecosystem.

Choose **one** of the ecosystem types:

- (a) explain its scorecard results; (12)
- (b) examine the conservation difficulties it faces. (13)

**(Total 25 marks)**

**Q3**

**(Total for Section A: 25 marks)**





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(Total 25 marks)

Section A



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**Section B**

**Population and the Economy**

**Answer ONE question only.**

**You are advised to spend approximately 35 minutes on this question.**

4. Study Figure 4. It shows contrasting government policies on population growth in selected countries.

(a) Suggest reasons for the two contrasting policies. (10)

(b) Compare any **two** countries in terms of the ways they have attempted to manage population growth and their success in doing so. (15)

**(Total 25 marks)**

**Q4**

5. Study Figure 5. It shows a migration model.

(a) With reference to examples, analyse the main causes of international migration shown in Figure 5. (12)

(b) Evaluate the costs and benefits of international migration to **receiving** host countries. (13)

**(Total 25 marks)**

**Q5**

6. Study Figure 6. It gives information about the production and trade in bananas.

(a) Examine the patterns of production and trade in bananas. (10)

(b) With reference to examples drawn from **one** industry, analyse the factors that have caused its global distribution to change in recent years. (15)

**(Total 25 marks)**

**Q6**

**(Total for Section B: 25 marks)**







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Section B

**(Total 25 marks)**



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**Section C**

**Cross Unit Questions**

**Answer ONE question only.**

**You are advised to spend approximately 45 minutes on this question.**

7. Study Figure 7. It shows key global threats posed by human activities.

Select **one** of the threats:

(a) explain how human activities have led to it; (15)

(b) with reference to examples, evaluate different approaches to the management of your chosen threat. (15)

**(Total 30 marks)**

**Q7**

8. Study Figure 8. It shows the linkages that make MEDCs and LEDCs interdependent.

(a) With reference to **either** linkages A **or** linkages B, explain how they have developed. (15)

(b) With reference to examples, examine the relationships between a country's level of economic development and the size of its ecological footprint. (15)

**(Total 30 marks)**

**Q8**

9. Study Figure 9. It shows pathways to a more sustainable future.

(a) Explain why these pathways are needed. (15)

(b) For **two** of the pathways, evaluate the success of actions taken by governments and organisations to achieve a more sustainable future. (15)

**(Total 30 marks)**

**Q9**

**(Total for Section C: 30 marks)**



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Chosen Question Number: **Question 7**      **Question 8**      **Question 9**   
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Section C

(Total 30 marks)

**TOTAL FOR PAPER: 80 MARKS**

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