

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 12 June 2007 – Afternoon

Time: 2 hours

Examiner's use only

--	--	--

Team Leader's use only

--	--	--

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

**Materials required for examination**

Nil

**Items included with question papers**

Resource Booklet

**Instructions to Candidates**

In the boxes above, write your centre number, candidate number, your surname, initials and signature. Check that you have the correct question paper.

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 indicate your new question with a cross (☒).

Include diagrams and sketch maps in your answers where these are helpful.

Do not return the Resource Booklet with the question paper.

**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.

This publication may be reproduced only in accordance with Edexcel Limited copyright policy. ©2007 Edexcel Limited.

Printer's Log. No.  
**M26096A**

W850/S6474/57570 5/5/5/2



**Turn over**

Leave  
blank

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 indicate your new  
question 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.

- (a) (i) Describe the weather conditions shown.  
(ii) In what ways would the weather conditions of a typical winter anticyclone be similar and different to those shown in Figure 1?

(12)

- (b) With reference to specific examples, assess the value of short and long term forecasting in predicting weather events.

(13)

(Total 25 marks)

2. Study Figure 2.

- (a) Using Figure 2 and your own knowledge, examine the physical factors responsible for the distribution of different global biomes.

(12)

- (b) With reference to **either** forest **or** grassland **or** marine ecosystems, evaluate their environmental importance.

(13)

(Total 25 marks)

3. Study Figure 3.

- (a) Describe and explain the trends shown.

(12)

- (b) With reference to specific examples, explain how the level of development may affect ecosystem management.

(13)

(Total 25 marks)

(Total for Section A: 25 marks)





Leave blank

A large rectangular area containing 25 horizontal dotted lines, intended for writing or drawing.





Leave  
blank

A large rectangular area with a dotted line for writing.











<p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	Leave blank			
	<p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<p>Section A</p> <p><input type="text"/></p> <p><input type="text"/></p>		
			<b>(Total 25 marks)</b>	



M 2 6 0 9 6 A 0 9 2 8



Leave  
blank

**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.

(a) Suggest reasons for the different trends shown.

**(10)**

(b) With reference to specific examples, examine the national challenges posed by declining fertility.

**(15)**

**(Total 25 marks)**

**5.** Study Figure 5.

(a) Analyse the patterns shown.

**(10)**

(b) With reference to specific examples, assess the effectiveness of different approaches to managing international migration.

**(15)**

**(Total 25 marks)**

**6.** Study Figure 6.

(a) Suggest reasons for the global pattern shown.

**(10)**

(b) With reference to a named country, evaluate the environmental and social impacts of net inward investment.

**(15)**

**(Total 25 marks)**

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







Dotted lines for writing

Leave blank















Leave  
blank

**Section C**

**Cross Unit Questions**

**Answer ONE question only.**

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

**It is important that you use examples to support your arguments.**

7. Study Figure 7.

(a) Assess the implications of the trends shown.

**(15)**

(b) Evaluate the role of **one** of the following in helping to create a brighter global future:

- new technologies
- green growth
- conservation of key environments.

**(15)**

**(Total 30 marks)**

8. Study Figure 8.

(a) Assess the global implications of the trends shown.

**(15)**

(b) With reference to specific examples, evaluate possible ways of reducing global differences in wealth.

**(15)**

**(Total 30 marks)**

9. Study Figure 9.

(a) Assess the implications of this data for the environment and for people.

**(15)**

(b) With reference to examples of global environmental problems, explain why it is difficult to gain international agreement on how to solve them.

**(15)**

**(Total 30 marks)**

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











Leave blank

A large rectangular box containing 30 horizontal dotted lines for writing.









Leave  
blank

A large rectangular area with a dotted line border, intended for writing.







**BLANK PAGE**

