Centre No.					Pape	r Refer	ence			Surname	Initial(s)
Candidate No.			6	4	7	4	/	0	1	Signature	

6474/01

Edexcel GCE

Geography B

Advanced

Unit 4: Global Challenge

Tuesday 14 June 2005 – Afternoon

Time: 2 hours

Materials	required	for	examination

Nil

Items included with question papers

Resource Booklet

Instructions to Candidates

In the boxes above, write your centre number and candidate number, your surname, initial(s) and signature.

Answer THREE questions, choosing ONE from each of the sections A on page 2, B on page 10 and C on page 18. For each section, indicate which question you are answering by marking the box (\boxtimes) . If you change your mind about an answer, put a line through the box (\boxtimes) and then mark your new question with a cross (\boxtimes) .

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 Sections 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. ©2005 Edexcel Limited.

 $\frac{\text{Printer's Log. No.}}{M21568A}$



Turn over



Examiner's use only

Team Leader's use only

Section

2

3 Section B

4 5

6 Section 7

8 9

W850/S6474/57570 7/7/3/2/2/2

	Leave blank
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 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, which shows the weather for 7 August 2003.	
(a) Describe and suggest reasons for the meteorological conditions which led to the	
pattern of weather shown for the British Isles. (12)	
(b) With reference to examples, assess the problems and benefits of summer heatwaves for both people and the environment.	
(13)	Q1
(Total 25 marks)	
2. Study Figure 2, which shows two ecoclines.	
(a) With reference to either ecocline A or ecocline B, explain how and why the vegetation changes with latitude.	
(12)	
(b) For any global ecosystem, evaluate the relative importance of physical and human factors in influencing its distribution.	
(13)	Q2
(Total 25 marks)	
3. Study Figure 3, which shows global variations in the cost of conservation.	
(a) Using Figure 3 and your own knowledge, assess the arguments for and against using economic cost as the main criterion for funding conservation areas. (12)	
(b) With reference to named conservation areas, discuss some of the problems experienced with their management.	
(13)	Q3
(Total for Section A. 25 marks)	
(Total for Section A: 25 marks)	



Vrite your answer to Section	n A nere:	





 	 	 •••••
 	 	 ••••••

L



 	 	 •••••
 	 	 ••••••

	Leave blank
	Section A
(Total 25 marks)	



	Section B	Lea
	Population and the Economy	
	Answer ONE question only	
	You are advised to spend approximately 35 minutes on this question.	
4.	Study Figure 4, which shows global variations in the average number of children born per woman.	
	(a) Suggest reasons for the pattern shown. (12)	
	(b) With reference to examples, evaluate the ways in which countries try to manage their birth rates.	
	(13)	Q
	(Total 25 marks)	
5.	Study Figure 5, which highlights some of the issues concerning immigration into the UK.	
	(a) Using Figure 5 and your own knowledge, explain why people in host countries have conflicting views about immigration. (12)	
	(b) Evaluate the costs and benefits of emigration for source countries. (13)	Q
	(Total 25 marks)	
6.	Study Figure 6, which gives details of a recent example of the global shift of call centre employment to Asia.	
	(a) Evaluate the reasons for such global shifts in manufacturing and/or services. (12)	
	(b) Examine the impacts of the global shift on the environment and economy of one of the following:	
	Either • a region in a MEDC	
	Or • a NIC (newly industrialised country)	
	(13)	Q
	(Total 25 marks)	
	(Total for Section B: 25 marks)	



hosen Question Number: rite your answer to Section	n B here:	Question 5	Question 6



•••••	•••••	•••••			•••••	
				•••••		
	•••••	•••••	•••••	•••••	• • • • • • • • • • • • • • • • • • • •	
•••••						
	•••••	•••••			•••••	
			•••••	••••••	•••••	
				•••••		
			•••••	••••••		
			•••••	•••••		
					•••••	



Leave blank



b

	_
	Leave blank



	 ••••••	•••••	••••••		 •••••	
	 ••••••	•••••			 	
•••••	 	•••••			 •••••	
	 ••••••	•••••	••••••	•••••	 •••••	
	 		•••••		 	
	 			•••••	 	
	 ••••••	•••••			 	



	Leave blank
	Section B
(Total 25 marks)	



Lea	
	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, which shows the Great Divide between rich and poor nations.
	(a) Examine the environmental and economic implications of the Great Divide as shown
	in Figure 7. (14)
	(b) Discuss some of the ways in which the Great Divide might be narrowed between rich
Q	and poor nations. (16)
	(Total 30 marks)
	8. Study Figure 8, which shows the barometer of sustainability. Sustainability is measured using the 'Egg of Wellbeing'.
	(a) Describe and suggest reasons for the pattern of results shown in Figure 8. (14)
Q	(b) For either human wellbeing or ecosystem wellbeing (see Figure 8), evaluate the strategies countries are using to work towards the goal of improved sustainability. (16)
	(Total 30 marks)
	9. Study Figure 9, which shows four views about people's relationship with the global environment.
	(a) With reference to examples, examine the validity of each of the four views A to D. (14)
	(b) With reference to one of the following global issues
	• biodiversity loss
	 global warming economic globalisation
Q	assess which of the four views best fits the current global situation between people and the environment.
ıv	(16)
	(Total 30 marks)



hosen Question Number: rite your answer to Section	C here:	Question 8	Question 9
	•••••		

•••••	 •••••				
	 	•••••	•••••	••••••	 •••••
	 				 •••••
	 •••••				 ••••••
	 				 •••••

L



••••••	 •••••	 	

L



	 •••••	 	
•••••	 •••••	 •••••	 ,
	 •••••	 	

	Leave blank
	Section C
(Total 30 marks)	
TOTAL FOR PAPER: 80 MARKS	
END	









