

Write your name here

Surname

Other names

Centre Number

Candidate Number

Edexcel GCE

Geography

Advanced Subsidiary

Unit 1: Global Challenges



Friday 21 May 2010 – Morning
Time: 1 hour 30 minutes

Paper Reference
6GE01/01

You must have:
Resource Booklet (enclosed)

Total Marks

Instructions

- Use **black** ink or ball-point pen.
- **Fill in the boxes** at the top of this page with your name, centre number and candidate number.
- Answer **all** questions in Section A and **ONE** in Section B.
- Answer the questions in the spaces provided
– *there may be more space than you need.*

Information

- The total mark for this paper is 90.
- The marks for **each** question are shown in brackets
– *use this as a guide as to how much time to spend on each question.*
- Questions labelled with an **asterisk** (*) are ones where the quality of your written communication will be assessed
– *you should take particular care on these questions with your spelling, punctuation and grammar, as well as the clarity of expression.*

Advice

- Read each question carefully before you start to answer it.
- Keep an eye on the time.
- Spend approximately one hour on Section A and 30 minutes on Section B.
- Check your answers if you have time at the end.

Turn over ►

M34128RA

©2010 Edexcel Limited.

1/1/1/2/



edexcel 
advancing learning, changing lives

SECTION A

Answer ALL questions.

You must use the Resource Booklet.

You are advised to spend approximately one hour on Section A.

Some questions must be answered with a cross in a box ☒. If you change your mind about an answer, put a line through the box ☒ and then mark your new answer with a cross ☒.

1 Study Figure 1.

(a) Describe the distribution of areas at risk from **two or more** hazards.

(2)

.....

.....

.....

.....

(b) Distinguish between a natural hazard and a natural disaster.

(2)

.....

.....

.....

.....

(c) Identify the Philippines disaster hotspot in Figure 1. Put a cross in the correct box.

(1)

- A**
- B**
- C**
- D**
- E**



(d) Explain how physical and human factors have made the Philippines a disaster hotspot.

(5)

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

(Total for Question 1 = 10 marks)



2 Study Figure 2.

(a) What is the main cause of the current global rise in sea-level? Put a cross in the correct box.

(1)

- A change in the Earth's orbit
- The melting of Antarctic ice
- Undersea plate movement
- Thermal expansion of the oceans
- A decrease in sun-spot activity

(b) Suggest how the physical geography of some coastal areas makes them more at risk from rising sea levels than others.

(3)

.....

.....

.....

.....

.....

.....

(c) Suggest how the human geography of areas such as Bangladesh or the Maldives makes them especially vulnerable to sea-level rise.

(3)

.....

.....

.....

.....

.....

.....



(d) Explain why it is difficult to predict future sea-level rise.

(4)

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

(Total for Question 2 = 11 marks)



3 Study Figure 3.

(a) Identify the country or region showing the greatest reduction in total greenhouse gas emissions. Put a cross in the correct box.

(1)

- USA
- Europe
- China
- Russia
- Japan

(b) What is meant by the term 'total greenhouse gas emissions'?

(2)

.....

.....

.....

.....

(c) Describe how human activity contributes to the increased level of emissions of **one** named greenhouse gas.

(3)

Named greenhouse gas

.....

.....

.....

.....

.....

.....



(d) Explain why some countries lack enthusiasm for implementing global agreements to manage climate change.

(5)

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

(Total for Question 3 = 11 marks)



4 Study Figure 4.

(a) Describe the distribution of eastern European migrants living in London.

(2)

.....

.....

.....

.....

(b) Suggest reasons why some rural parts of the UK have attracted high numbers of eastern European migrants.

(4)

.....

.....

.....

.....

.....

.....

.....

.....

.....



(c) Name **two** eastern European EU countries that could be source regions for these migrants.

(2)

1

2

(d) Explain the positive and negative impacts of out-migration for eastern European source countries.

(5)

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

(Total for Question 4 = 13 marks)



5 Study Figure 5.

(a) What is meant by sustainable urban living? Put a cross in the correct box.

(1)

- Allowing urban sprawl to continue
- Managing a city for the welfare of future generations
- The conversion of farmland into housing areas
- Shanty town growth on the edges of developing cities
- Banning new economic activity from city centres

(b) Choose **two** of the methods shown in Figure 5 and describe how each might contribute towards sustainable urban living.

(4)

1

.....

.....

.....

2

.....

.....

.....



(c) Explain why some megacities are making greater progress than others towards the goal of sustainable urban living.

(5)

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

(Total for Question 5 = 10 marks)



6 Study Figure 6.

(a) State **two** pieces of evidence that this is an ethical purchase.

(2)

1

2

(b) Describe the limitations of ethical purchasing strategies for producers and consumers.

(3)

.....
.....
.....
.....
.....
.....



(c) Explain how globalisation has led to the exploitation of workers in some countries.

(5)

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

(Total for Question 6 = 10 marks)

TOTAL FOR SECTION A = 65 MARKS



SECTION B

Answer ONE question in this section.

Use the evidence provided in the Resource Booklet and your own ideas.
You are advised to spend approximately 30 minutes on Section B.

***7** Study Figure 7.

(a) Using Figure 7 and your own knowledge, explain why some places have a high level of landslide and avalanche hazard risk. (10)

(b) Explain why the economic losses caused by natural hazards have generally risen over time whereas the number of lives lost has fallen. (15)

(Total for Question 7 = 25 marks)

***8** Study Figure 8.

(a) Suggest why some groups and communities view the melting of Greenland's ice sheet as an opportunity rather than a threat. (10)

(b) Examine the ecological impacts of global warming for Arctic areas. (15)

(Total for Question 8 = 25 marks)

***9** Study Figure 9.

(a) Suggest reasons why the 'globalisation scores' shown vary so greatly. (10)

(b) Explain how globalisation affects internal and international migration flows. (15)

(Total for Question 9 = 25 marks)

***10** Study Figure 10.

(a) Using Figure 10 and your own knowledge, suggest why people in Britain often need to consult a wide range of records when studying their roots. (10)

(b) Explain how social and economic factors have led to changes in the UK's population age structure. (15)

(Total for Question 10 = 25 marks)



Handwriting practice area with 20 horizontal dotted lines.



Handwriting practice area with 25 horizontal dotted lines.



Handwriting practice area with 20 horizontal dotted lines.



Handwriting practice area with 25 horizontal dotted lines.



Blank writing area with horizontal dotted lines.

TOTAL FOR SECTION B = 25 MARKS
TOTAL FOR PAPER = 90 MARKS

