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Surname	Other names
Centre Number	Candidate Number
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Edexcel GCE	
Geography	
Advanced Subsidiary	
Unit 1: Global Challenges	
Friday 21 May 2010 – Morning	Paper Reference
Time: 1 hour 30 minutes	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.

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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)

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(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)

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

(3)

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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)

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

(3)

Named greenhouse gas

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

(5)

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(Total for Question 3 = 11 marks)



4 Study Figure 4.

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

(2)

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

(4)

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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)

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

(5)

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(Total for Question 5 = 10 marks)



6 Study Figure 6.

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

(2)

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

(3)

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

(5)

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(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 25 horizontal dotted lines.

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

