

Write your name here	
Surname	Other names
Centre Number	Candidate Number
Edexcel GCE	
<h1>Geography</h1> <h2>Advanced Subsidiary</h2> <h3>Unit 1: Global Challenges</h3>	
New Template Exemplar Time: 1 hour 30 minutes	Paper Reference 6GE01/01
You must have: Resource Booklet	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 with your spelling, punctuation and grammar, as well as the clarity of expression, on these questions.*

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) Global hazards can be hydro-meteorological or geophysical. Arrange the following hazards into these two groups by putting the letters A to D into the table provided.

(2)

- A earthquakes
- B tropical cyclones
- C volcanic eruptions
- D stormy coasts

hydro-meteorological	geophysical

(b) What evidence suggests that location **X** is a disaster hotspot?

(2)

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(c) Explain why earthquakes and volcanoes frequently occur in the same areas.

(3)

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(d) Describe and explain the distribution of tropical storms.

(4)

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(Total for Question 1 = 11 marks)



2 Study Figure 2.

(a) Describe the general pattern of temperature change from

(2)

1000 until 1900

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since 1900.

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(b) Suggest **two** ways of investigating medium and longer term climate change, before global temperature records were available (from 1861).

(2)

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(c) Climate change may have natural and human causes. Arrange the following into these two groups by putting the letters A to F into the table provided.

(2)

A damage to the ozone layer over the Antarctic

B changes in solar output

C volcanic eruptions

D deforestation in the tropics

E changes in the earth's orbit

F exhaust fumes from motor vehicles

natural	human



(d) Explain how evidence from the graph might support arguments for **both**

(4)

natural causes of climate change

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human causes for global warming.

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(Total for Question 2 = 10 marks)



3 Study Figure 3.

(a) Describe **two** of the changes shown on the map of the Arctic.

(2)

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(b) What advantages might rising temperatures bring to the Arctic?

(3)

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(c) Explain **one** emerging **environmental** concern in the Arctic.

(4)

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4 Study Figure 4(a).

(a) (i) Which EU country was the **source** of most immigrants to the UK?

(1)

(ii) Suggest reasons for this flow.

(2)

(b) (i) Which EU country was the **destination** for most UK emigration?

(1)

(ii) Suggest reasons for this flow.

(2)



(c) Which of the following population movements is best described as **economic** migration?

Put a cross in the most appropriate box.

(1)

- people forced to leave a country to escape from famine
- those who arrive claiming to be victims of persecution
- people travelling abroad to find work elsewhere
- people entering a country unofficially, without proper checks
- those who retire to 'a place in the sun'

(d) Study Figure 4(b).

Explain why the UK is a 'global hub' for international migration.

(4)

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(Total for Question 4 = 11 marks)



5 Study Figure 5.

(a) Which of the following best describes urbanisation?

Put a cross in the most appropriate box.

(1)

- the rapid growth of cities
- the growth of slum settlements on the edge of cities
- the growth in the proportion of people living in cities
- jobs and housing attracting people from the countryside
- people moving out into the suburbs

(b) Suggest an appropriate term for the housing area **A**.

(1)

(c) Compare the sites and buildings of the two housing areas shown.

(4)

Area **A**

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Area **B**

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(d) Explain the likely consequences of the urban growth shown in the photograph.

(4)

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(Total for Question 5 = 10 marks)



6 Study Figure 6.

(a) Match the patterns of lights from settlements in each of the following places with their description, by putting the letters X, Y and Z into the table provided.

(2)

- X in the main urban areas
- Y along the banks of a major river
- Z following the coast

place	description
UK	
Mediterranean	
Egypt	

(b) Suggest why most of Africa is in darkness, *switched off* from development.

(4)

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(c) Explain the consequences of this lack of development for people in the poorer parts of Africa.

(4)

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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) Suggest reasons for the trends in natural disasters shown in the graph. (10)

(b) Choose **one named** area of the world and explain why it is considered a disaster hotspot. (15)

(Total 25 marks)

***8** Study Figure 8.

(a) Suggest what this survey, carried out in the USA, shows about people's views on global warming. (10)

(b) Explain how people are attempting to deal with the effects of global warming at **either** a local **or** a global scale. (15)

(Total 25 marks)

***9** Study Figure 9.

(a) Suggest reasons for the contrasting population patterns in these two suburbs. (10)

(b) Examine the effects of a greying population on health and welfare services. (15)

(Total 25 marks)

***10** Study Figure 10.

(a) Suggest why the various groups shown hold differing views about this global trade. (10)

(b) Explain how people can manage the environmental and social costs of globalisation for a better world. (15)

(Total 25 marks)

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Vertical handwriting practice area with 20 horizontal dotted lines.





Lined writing area with horizontal dotted lines.



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Blank lined area for writing answers.

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

