

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) Identify **two** types of major hydro-meteorological hazard other than different types of storm.

(2)

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(b) Which is the correct statement of the disaster risk equation?

Put a cross in the correct box.

(1)

A	$\frac{\text{Hazards} \times \text{Capacity to cope}}{\text{Vulnerability}}$	<input type="checkbox"/>
B	$\frac{\text{Hazards} \times \text{Vulnerability}}{\text{Capacity to cope}}$	<input type="checkbox"/>
C	$\frac{\text{Capacity to cope} \times \text{Vulnerability}}{\text{Hazards}}$	<input type="checkbox"/>
D	$\frac{\text{Coping potential} \times \text{Vulnerability}}{\text{Risk capacity}}$	<input type="checkbox"/>



(c) How might global warming increase hurricane disaster risk?

(3)

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(d) Explain how human factors have contributed to the increased reporting of earthquake disasters.

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(Total for Question 1 = 11 marks)



2 Study Figure 2.

(a) Identify which **three** of the following actions are examples of climate change mitigation.

(3)

- A building higher flood walls
- B constructing wind turbines
- C improving flood warning systems
- D improving hurricane monitoring
- E using recycling schemes
- F greater use of nuclear power

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(b) Describe the strengths and weaknesses of adaptation as a way of managing climate change.

(4)

Strengths

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Weaknesses

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(c) Suggest reasons why the economic impacts of climate change in the continent of Africa are complex.

(5)

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(Total for Question 2 = 12 marks)



3 Study Figure 3.

(a) Which region has most areas showing a predicted decrease in flood risk?

Put a cross in the correct box.

(1)

- A South-east England
- B South-west England
- C North-east England
- D Midlands
- E Wales

(b) Explain **two** ways in which climate change may lead to an increase in river flooding.

(4)

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(c) Explain why future changes in global sea level are hard to predict.

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(Total for Question 3 = 10 marks)



4 Study Figure 4.

(a) Which European country has the largest number of Tesco stores outside the UK? (1)

(b) Identify **two** continents which have no Tesco stores.

Put a cross in the correct box. (1)

- A Asia and Africa
- B Asia and Europe
- C North America and South America
- D South America and Africa
- E North America and Africa

(c) Suggest reasons why Tesco stores have not been opened in some continents. (3)

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(d) Using examples, describe the strategies that TNCs use to expand their global businesses.

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(Total for Question 4 = 10 marks)



5 Study Figure 5.

(a) Identify the year in which net migration (the difference between immigration and emigration) was at its greatest.

Put a cross in the correct box.

(1)

- A** 2006
- B** 2004
- C** 2002
- D** 2000
- E** 1998

(b) State the reason immigration to the UK rose sharply in 2004.

(1)

(c) Compare the immigration and emigration trends shown.

(3)

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(d) Explain why some retired British people have chosen to live overseas in recent years.

(5)

(Total for Question 5 = 10 marks)



6 Study Figure 6.

(a) Identify which **two** of the following statements are most likely to apply to the 1901 family.

(2)

- W** The mother describes herself as 'Asian British'
- X** Three generations live in the same house
- Y** The eldest child works full time in a local textile factory
- Z** All the children aspire to study at university

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(b) State **one** reason for falling fertility in the UK since 1901.

(1)

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(c) What research sources could be used to investigate social and economic changes in a local population?

(4)

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(d) Explain why many European nations, such as the UK, have experienced large-scale immigration from their former colonies since the 1950s.

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(Total for Question 6 = 12 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 why some places are at more risk than others of experiencing a major volcanic disaster. (10)
- (b) Explain why the Philippines and California multiple hazard hotspots are affected by disasters in different ways. (15)

(Total for Question 7 = 25 marks)

***8** Study Figure 8.

- (a) Suggest reasons for the differences in carbon dioxide emissions shown. (10)
- (b) Examine the evidence used to investigate long, medium and short-term climate change. (15)

(Total for Question 8 = 25 marks)

***9** Study Figure 9.

- (a) Explain how technological innovations have contributed to a 'shrinking world' for many people. (10)
- (b) Using examples, examine how nations are classified into different types of global groupings. (15)

(Total for Question 9 = 25 marks)

***10** Study Figure 10.

- (a) Suggest reasons for the changes shown in the size and distribution of megacities. (10)
- (b) Using examples, explain the challenges of rapid megacity growth. (15)

(Total for Question 10 = 25 marks)



Indicate which question you are answering by marking a cross . If you change your mind, put a line through the box and then indicate your new question with a cross .

Chosen Question Number:

Question 7

Question 8

Question 9

Question 10

A series of horizontal dotted lines for writing answers.



Handwriting practice area with 25 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.



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

