



## 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 . 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)

1 .....

2 .....

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

Put a cross in the correct box.

(1)

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

(5)

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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

1 .....

2 .....

3 .....

(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.

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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)

1 .....

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2 .....

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

(5)

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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)

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(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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**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.

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**(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

1 .....

2 .....

(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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## 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)**

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**\*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)**

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**\*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)**

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**\*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)**

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

