

# Monday 10 June 2024 - Afternoon

## A Level Geography

H481/03 Geographical debates

Time allowed: 2 hours 30 minutes

#### You must have:

- the OCR 12-page Answer Booklet
- the Resource Booklet (inside this document)

#### You can use:

- a ruler (cm/mm)
- · a scientific or graphical calculator



- Use black ink. You can use an HB pencil, but only for graphs and diagrams.
- Write your answer to each question in the Answer Booklet. The question numbers must be clearly shown.

81 319<sub>181</sub>

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- Fill in the boxes on the front of the Answer Booklet.
- Section A: Choose two topics. Answer both parts of the question from each topic.
- Section B: Choose two topics. Answer the question from each topic.
- Section C: Choose two topics. Answer one question from each topic.
- Use the Resource Booklet to answer the questions in Section A.

#### **INFORMATION**

- The total mark for this paper is **108**.
- The marks for each question are shown in brackets [ ].
- Quality of extended response will be assessed in questions marked with an asterisk (\*).
- This document has 8 pages.

#### **ADVICE**

- Try to answer every part of each question you choose.
- Read each question carefully before you start your answer.



#### **Section A**

Choose two topics and answer both parts of the question from each topic.

## **Topic 3.1 – Climate Change**

1 (a)	Identify <b>three</b> limitations of <b>Fig. 1</b> as a source of information about carbon trading schemes.	[3]			
(b)	Explain how homes may be adapted to reduce risks from increased temperatures.	[6]			
Topic 3.2 – Disease Dilemmas					
2 (a)	Identify <b>three</b> limitations of <b>Fig. 2</b> as a source of information about infectious and deadly diseases.	[3]			
(b)	Explain how the geographical area covered by <b>one</b> natural hazard has influenced the risk of outbreak of <b>one</b> named disease.	[6]			
Topic 3.3 – Exploring Oceans					
3 (a)	Identify <b>three</b> limitations of <b>Fig. 3</b> as a source of information about the food web in an inter-tide zone.	al <b>[3]</b>			
(b)	Explain how oceans spread pollution around the globe.	[6]			
Topic 3.4 – Future of Food					
4 (a)	Identify <b>three</b> limitations of <b>Fig. 4</b> as a source of information about trends in global food securi from 2005 to 2020.	ity <b>[3]</b>			
(b)	Explain the role of the World Trade Organisation (WTO) in influencing global food security.	[6]			

### Topic 3.5 – Hazardous Earth

5

(a) Identify three limitations of Fig. 5 as a source of information about destructive plate boundaries.

[3]

(b) Explain how volcanic eruptions at hot spots result in distinctive landforms.

[6]

#### Section B - Synoptic questions

Choose **two topics** and answer **the** question from **each** topic. You must use your knowledge and understanding from across the course of study to answer these questions.

#### **Topic 3.1 – Climate Change**

Examine how the debates of climate change have been influenced by global management strategies to protect the carbon and water cycles. [12]

#### Topic 3.2 - Disease Dilemmas

7 Examine how patterns of diseases are affected by social inequality.

[12]

#### Topic 3.3 - Exploring Oceans

8 Examine how the globalisation of oceans influences issues relating to **either** human rights **or** territorial integrity. [12]

#### Topic 3.4 - Future of Food

9 Examine how global food production is influenced by patterns of either trade or migration. [12]

#### **Topic 3.5 – Hazardous Earth**

**10** Examine how earthquakes could influence human activity in **one** landscape system you have studied. **[12]** 

#### **Section C**

Choose two topics and answer one question from each topic.

Topic	3.1	<ul><li>Climate</li></ul>	Change
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11\* 'ACs and EDCs contribute to similar anthropogenic GHG emissions over different time periods.'Evaluate the extent to which you agree with this statement. [33]

Or

12\* Evaluate the relative strengths of different types of physical evidence that suggest the world has become warmer.[33]

#### Topic 3.2 - Disease Dilemmas

13\* Evaluate the extent to which cultural factors increase the risk of non-communicable disease. [33]

Or

14\* 'Mitigation strategies to combat global pandemics will always be compromised by physical barriers.'
Discuss.

[33]

#### Topic 3.3 - Exploring Oceans

**15\*** 'The impacts of climate change on oceans create greater threats for tropical island communities than Arctic indigenous peoples.'

To what extent do you agree?

[33]

Or

**16\*** 'The use of ocean resources will never be sustainable.' How far do you agree?

[33]

#### Topic 3.4 - Future of Food

**17\*** 'Physical threats to food security in dryland areas are greater than human threats.' Discuss.

[33]

Or

18\* 'The issues created by globalisation of the food industry are greater than the opportunities.'To what extent do you agree with this statement? [33]

## Topic 3.5 – Hazardous Earth

**19\*** 'The impacts of tectonic activity on a country are mainly environmental.' Discuss.

[33]

Or

**20\*** 'Human factors contribute more than physical factors to the risks posed by severe tectonic hazards.'

How far do you agree? [33]

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