



Oxford Cambridge and RSA

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

INSTRUCTIONS

- 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.
- 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.

2

Section A

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

Topic 3.1 – Climate Change

1

- (a) Identify **three** limitations of **Fig. 1** 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 **three** limitations of **Fig. 2** as a source of information about infectious and deadly diseases. [3]
- (b) Explain how the geographical area covered by **one** natural hazard has influenced the risk of outbreak of **one** named disease. [6]

Topic 3.3 – Exploring Oceans

3

- (a) Identify **three** limitations of **Fig. 3** as a source of information about the food web in an inter-tidal zone. [3]
- (b) Explain how oceans spread pollution around the globe. [6]

Topic 3.4 – Future of Food

4

- (a) Identify **three** limitations of **Fig. 4** as a source of information about trends in global food security from 2005 to 2020. [3]
- (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

- 6 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 – Climate Change

- 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]

END OF QUESTION PAPER

BLANK PAGE

BLANK PAGE

**Copyright Information**

OCR is committed to seeking permission to reproduce all third-party content that it uses in its assessment materials. OCR has attempted to identify and contact all copyright holders whose work is used in this paper. To avoid the issue of disclosure of answer-related information to candidates, all copyright acknowledgements are reproduced in the OCR Copyright Acknowledgements Booklet. This is produced for each series of examinations and is freely available to download from our public website (www.ocr.org.uk) after the live examination series. If OCR has unwittingly failed to correctly acknowledge or clear any third-party content in this assessment material, OCR will be happy to correct its mistake at the earliest possible opportunity.

For queries or further information please contact The OCR Copyright Team, The Triangle Building, Shaftesbury Road, Cambridge CB2 8EA.

OCR is part of Cambridge University Press & Assessment, which is itself a department of the University of Cambridge.