Oxford Cambridge and RSA

Friday 6 June 2025 – Morning

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.

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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 responses to climate change. **[3]**

(b) Explain how humans influence the global mean energy balance. **[6]**

Topic 3.2 – Disease Dilemmas

2

(a) Identify **three** limitations of **Fig. 2** as a source of information about alcohol-related deaths. **[3]**

(b) Explain how physical barriers affect dealing with disease. **[6]**

Topic 3.3 – Exploring Oceans

3

(a) Identify **three** limitations of **Fig. 3** as a source of information about piracy. **[3]**

(b) Explain how wave and tidal energy can be used as flow resources. **[6]**

Topic 3.4 – Future of Food

4

(a) Identify **three** limitations of **Fig. 4** as a source of information about soil moisture. **[3]**

(b) Explain how the globalisation of the food industry creates opportunities. **[6]**

Topic 3.5 – Hazardous Earth

5

(a) Identify **three** limitations of **Fig. 5** as a source of information about the relationship between disaster and response. **[3]**

(b) Explain the different scales used to measure earthquake magnitude. **[6]**

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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 formation of landforms within **one** landscape system you have studied can be modified by climate change (coastal, glaciated or dryland). **[12]**

Topic 3.2 – Disease Dilemmas

7 Examine how the eradication of disease can be affected by issues of **either** human rights **or** territorial integrity. **[12]**

Topic 3.3 – Exploring Oceans

8 Examine how pollution in the ocean can be affected by **either** global trade **or** global migration. **[12]**

Topic 3.4 – Future of Food

9 Examine how food production can affect informal representations of place. **[12]**

Topic 3.5 – Hazardous Earth

10 Examine how volcanic eruptions can affect stores in the carbon cycle. **[12]**

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Section C

Choose **two** topics and answer **one** question from **each** topic.

Topic 3.1 – Climate Change

11* 'Climate modelling is essential for an effective human response to climate change.' Discuss. **[33]**

Or

12* To what extent do different agendas shape the debates of climate change over time? **[33]**

Topic 3.2 – Disease Dilemmas

13* Evaluate the advantages and disadvantages of strategies used to respond to disease outbreaks. **[33]**

Or

14* Assess the relative importance of economic factors in influencing the spread of disease. **[33]**

Topic 3.3 – Exploring Oceans

15* Assess the extent to which socio-economic factors influence the use of oceans. **[33]**

Or

16* Evaluate the extent to which the use of biological ocean resources will ever be sustainable. **[33]**

Topic 3.4 – Future of Food

17* Assess the extent to which contrasting levels of economic development determine the success of strategies to improve food security. **[33]**

Or

18* To what extent is food security of global significance? **[33]**

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Topic 3.5 – Hazardous Earth

19* ‘Explosive volcanic eruptions generate the most dangerous hazards.’
To what extent is this true? **[33]**

Or

20* Evaluate the extent to which earthquakes generate distinctive hazards. **[33]**

END OF QUESTION PAPER

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