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.

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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 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]**

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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 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]**

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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

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