

OXFORD CAMBRIDGE AND RSA EXAMINATIONS

Thursday 11 June 2020 – Afternoon

A Level Geography

H481/03 Geographical debates

**Time allowed: 2 hours 30 minutes
plus your additional time allowance**

YOU MUST HAVE:

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

YOU CAN USE:

**a ruler (cm/mm)
a scientific or graphical calculator**

READ INSTRUCTIONS OVERLEAF



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 (*).

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. 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 shrinking ice as a result of climate change. [3]**
- (b) Explain the role and possible bias of the media in shaping the public image of climate change. [6]**

TOPIC 3.2 – Disease Dilemmas

- 2 (a) Identify THREE limitations of FIG. 2 as a source of information about survival rates for common cancers in the UK. [3]**
- (b) Explain cultural causes of non-communicable diseases. [6]**

TOPIC 3.3 – Exploring Oceans

- 3 (a) Identify THREE limitations of FIG. 3 as a source of information about the world's oceans. [3]**
- (b) Explain factors that influence the biodiversity in inter-tidal ecosystems. [6]**

TOPIC 3.4 – Future of Food

- 4 (a) Identify THREE limitations of FIG. 4 as a source of information about the predicted impact of climate change on world food prices since 2010. [3]**
- (b) Explain how globalisation creates the issue of food miles. [6]**

TOPIC 3.5 – Hazardous Earth

- 5 (a) Identify THREE limitations of FIG. 5 as a source of information about mitigation against vulnerability to hazards from earthquakes. [3]**
- (b) Explain the features of shallow-focus earthquakes. [6]**

SECTION B – Synoptic questions

Choose TWO TOPICS. 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 Assess how responses to climate change are affected by issues of EITHER human rights OR territorial integrity. [12]**

TOPIC 3.2 – Disease Dilemmas

- 7 Assess how the global distribution of communicable disease is affected by EITHER global trade OR global migration. [12]**

TOPIC 3.3 – Exploring Oceans

- 8 Assess how pollution in oceans is influenced by players driving economic change. [12]**

TOPIC 3.4 – Future of Food

- 9 Assess how attempts to increase food production can affect water cycles. [12]**

TOPIC 3.5 – Hazardous Earth

- 10 Assess how impacts of volcanic eruptions can affect place identity. [12]**

SECTION C

Choose TWO TOPICS. Answer ONE question from EACH topic.

TOPIC 3.1 – Climate Change

**11* ‘Changes in anthropogenic greenhouse gas emissions since the pre-industrial era reflect economic development at a national scale.’
Discuss. [33]**

OR

12* Assess the success of adaptation strategies to reduce the vulnerability of human populations at risk from climate change. [33]

TOPIC 3.2 – Disease Dilemmas

13* Evaluate the extent to which mitigation strategies can successfully reduce the outbreak and impacts of non-communicable disease. [33]

OR

14* ‘Disease eradication depends on the sustainable use of medicines from nature.’ To what extent do you agree? [33]

TOPIC 3.3 – Exploring Oceans

15* To what extent are oceans hazardous obstacles to human activities? [33]

OR

16* Examine the extent to which the use of ocean energy and mineral resources is sustainable. [33]

TOPIC 3.4 – Future of Food

17* Examine the extent to which food is a geopolitical commodity. [33]

OR

18* To what extent are the views of Malthus and Boserup relevant to food security in the 21st century? [33]

TOPIC 3.5 – Hazardous Earth

19* ‘The impacts of earthquake activity vary with levels of economic development.’ How far do you agree with this statement? [33]

OR

20* ‘Over time the ability to manage hazards from volcanic activity increases.’ Examine the extent to which this statement is true. [33]

END OF QUESTION PAPER



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