

OCR

Oxford Cambridge and RSA

Accredited

A Level Geography

H481/03 Geographical debates

Sample Question Paper

Date – Morning/Afternoon

Time allowed: 2 hours 30 minutes

You must have:

- the Resource Booklet
- the OCR 12-page Answer Booklet
(OCR 12 sent with general stationary)

You may use:

- a ruler (cm/mm)
- a piece of string
- a scientific or graphical calculator



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INSTRUCTIONS

- Use black ink. You may use an HB pencil for graphs and diagrams
- Section A: Choose **two topics** and answer **both parts** of the question from **each** topic.
- Section B – Synoptic questions: Choose **two topics** and answer **the** question from **each** selected topic. You must use your knowledge and understanding from across the course of study to answer these questions.
- Section C: Choose **two topics** and answer **one** question from **each** topic.
- Write your answer to each question in the Answer Booklet.
- Additional paper may be used if required but you must clearly show your candidate number, centre number and question number(s).
- Do **not** write in the bar codes.
- The separate Resource Booklet will be found inside this document.

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 (*).
- This document consists of **8** pages.

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 with the data evidence in **Fig. 1**. [3]
 - (b) Explain how shrinking ice sheets show the world has warmed since the late-nineteenth century. [6]

Topic 3.2 – Disease Dilemmas

- 2
- (a) Identify three limitations with the data evidence in **Fig. 2**. [3]
 - (b) Explain how global patterns of temperature and precipitation affect patterns of disease. [6]

Topic 3.3 – Exploring Oceans

- 3
- (a) Identify three limitations with the data evidence in **Fig. 3**. [3]
 - (b) Explain the global distribution of warm and cold ocean surface currents. [6]

Topic 3.4 – Future of Food

- 4
- (a) Identify three limitations with the data evidence in **Fig. 4**. [3]
 - (b) Explain the physical conditions necessary for growing food. [6]

Topic 3.5 – Hazardous Earth

- 5
- (a) Identify three limitations with the data evidence in **Fig. 5**. [3]
 - (b) Explain the features and processes at divergent plate boundaries. [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 climate change may be impacting the carbon cycle in the Arctic tundra. [12]

Topic 3.2 – Disease Dilemmas

- 7 'It is more challenging to mitigate against communicable diseases in areas with human rights or territorial integrity conflicts.'

For **either** human rights conflicts **or** territorial integrity conflicts, how far do you agree with the statement?

[12]

Topic 3.3 – Exploring Oceans

- 8 Assess how the use of oceans is affected by **either** the global system of trade **or** the global system of migration. [12]

Topic 3.4 – Future of Food

- 9 Assess how globalisation of the food industry affects stores in water systems. [12]

Topic 3.5 – Hazardous Earth

- 10 Examine how the risks from tectonic hazards affect place making processes. [12]

Section C

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

Topic 3.1 – Climate Change

11* 'The vulnerability of people to the impacts of climate change is mainly the result of economic factors.' Discuss.

[33]

OR

12* 'Physical factors influence climate change more than human factors.' Discuss.

[33]

Topic 3.2 – Disease Dilemmas

13* Assess the relative importance of social factors influencing the spread of disease.

[33]

OR

14* 'Increased global mobility is the most important influence on the spread of communicable diseases.' How far do you agree with this statement?

[33]

Topic 3.3 – Exploring Oceans

15* To what extent can ocean energy and sea-bed mineral resources be managed sustainably?

[33]

OR

16* How far do you agree that effects of climate change on oceans bring more opportunities than threats?

[33]

Topic 3.4 – Future of Food

17* 'Threats to food security are greatest in dryland areas.' Discuss.

[33]

OR

18* 'Imbalances in global food production have a greater impact on people than the environment.' Discuss.

[33]

Topic 3.5 – Hazardous Earth

19* Assess the importance of governments in reducing the risks of tectonic hazards over time.

[33]

OR

20* 'Earthquakes generate only local hazards.' Discuss.

[33]