

## 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 stationery)

**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]

**END OF QUESTION PAPER**

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