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**Geography**  
**Higher level and standard level**  
**Paper 2**

Monday 8 November 2021 (morning)

Candidate session number

1 hour

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**Instructions to candidates**

- Write your session number in the boxes above.
- Do not open this examination paper until instructed to do so.
- Section A: answer all questions.
- Section B: answer the question.
- Answers must be written within the answer boxes provided.
- The accompanying **geography resource booklet** is required for this examination paper.
- The maximum mark for this examination paper is **[40 marks]**.



### Section A

Answer **all** questions.

Answers must be written within the answer boxes provided.

When relevant, answers should refer to case studies or examples, and where appropriate include well-drawn maps or diagrams.

#### 1. Changing population

(a) Outline what is meant by the rate of natural increase. [2]

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.....

(b) Explain **one** political cause **and one** political consequence of forced migration. [2 + 2]

Political cause: .....

.....

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.....

Political consequence: .....

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(This question continues on the following page)



**(Question 1 continued)**

(c) Explain **two** policies that are used to promote gender equality.

[2 + 2]

Policy 1: .....

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Policy 2: .....

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## 2. Global climate — vulnerability and resilience

The graph shows the trend in flood events worldwide between 1980 and 2000.

**Key:**

— Flood events



(a) Describe the trend in flood events.

[2]

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(This question continues on the following page)



**(Question 2 continued)**

(b) Suggest **two** ways in which increased global temperatures can cause changes in sea levels.

[2 + 2]

Way 1: .....

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Way 2: .....

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(c) Explain **two** corporate strategies used to address global climate change.

[2 + 2]

Strategy 1: .....

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Strategy 2: .....

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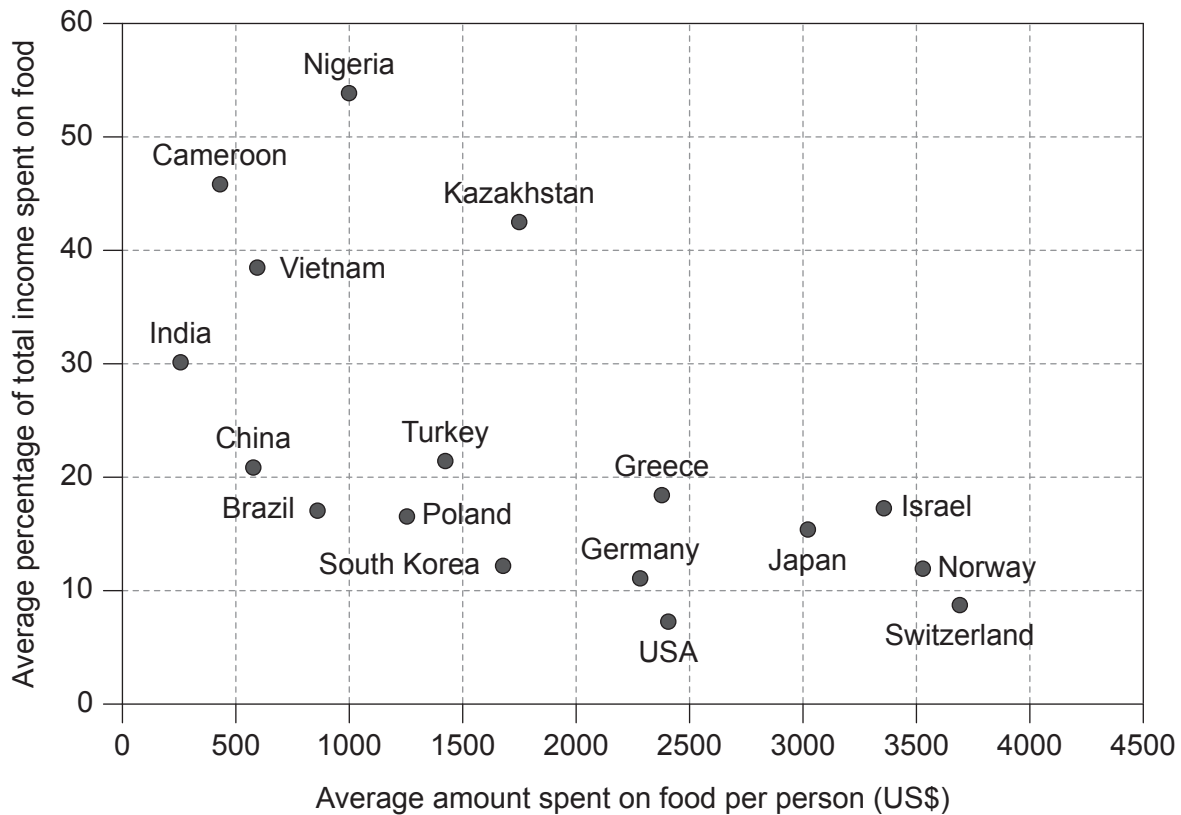
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### 3. Global resource consumption and security

The graph shows the average amount (in US\$) spent on food per person and the average percentage of total income spent on food for selected countries in 2017.



(a) Describe the relationship shown in the graph.

[2]

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(b) Suggest **one** reason for a recent change in the diets of people in middle-income countries.

[2]

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(This question continues on the following page)



**(Question 3 continued)**

(c) Explain **one** way in which ecological footprint measures an individual's resource consumption.

[2]

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(d) Explain **two** ways in which different resources are developed to support Boserup's optimistic view.

[2 + 2]

Way 1: .....

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Way 2: .....

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### Section B

Answer the following question.

4. Refer to the infographic on pages 2–3 of the accompanying resource booklet.

The infographic shows some of the present and future characteristics of global megacities.

(a) (i) Determine the range of hours lost in congestion per year in the selected megacities. [1]

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(ii) Identify **one** megacity that will see an estimated decline in population between 2017 and 2030. [1]

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(b) Describe the pattern of estimated GDP growth in Asian megacities between 2017 and 2030. [2]

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(This question continues on the following page)



**(Question 4 continued)**

- (c) To what extent does the infographic indicate that the consequences of megacity growth are always negative? [6]

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**References:**

2. Hugo Ahlenius, UNEP/GRID-Arendal <https://www.grida.no/resources/7199>. Source adapted.
3. Roser, M., and Ritchie, H., 2013. Food prices. [online] Available at: <https://ourworldindata.org/food-prices> [Accessed 30 September 2020]. Source adapted. Attribution 4.0 International (CC BY 4.0) <http://creativecommons.org/licenses/by/4.0/>.

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12EP10

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will not be marked.



12EP11

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will not be marked.



12EP12