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Geography
Higher level and standard level
Paper 2

Monday 7 November 2022 (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 **one physical** factor that can lead to an area having a high population density. [2]

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(b) Suggest **two** ways in which a demographic dividend can bring economic benefits to a country. [2 + 2]

Way 1:

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Way 2:

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(This question continues on the following page)



(Question 1 continued)

(c) Explain **two** ways in which environmental push factors lead to forced migration. [2 + 2]

Way 1:

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Way 2:

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2. Global climate — vulnerability and resilience

Refer to the map on page 3 of the accompanying resource booklet.

The map shows selected heatwave events in Europe from 2010 to 2020.

(a) Describe the distribution of the selected heatwave events shown on the map. [2]

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(b) Suggest **two human** factors that can increase vulnerability to extreme weather events. [2 + 2]

Factor 1:
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Factor 2:
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(This question continues on the following page)



(Question 2 continued)

(c) Explain **two** government-led strategies to reduce the causes of global climate change. [2 + 2]

Strategy 1:

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Strategy 2:

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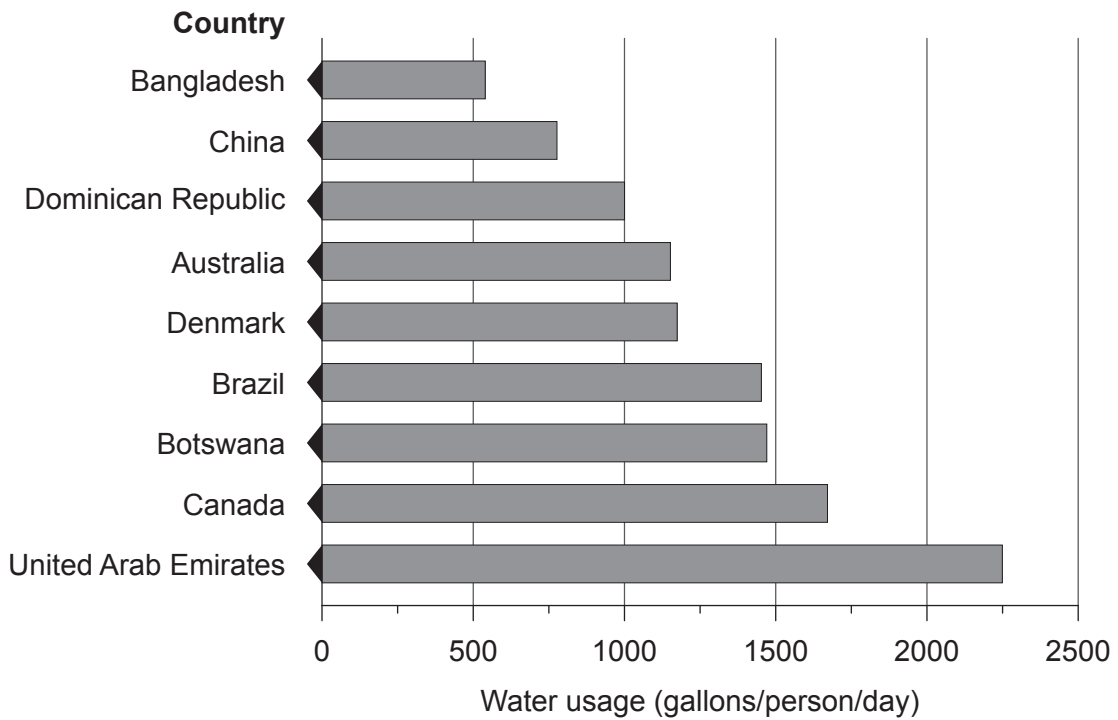


12EP05

Turn over

3. Global resource consumption and security

The graph shows daily water usage for selected countries in 2017.



(a) (i) State the daily water usage in gallons per person for the Dominican Republic. [1]

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(ii) Estimate the range of water usage. [1]

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(This question continues on the following page)



(Question 3 continued)

(b) Explain **two** aspects of Boserup's optimistic view of resource management. [2 + 2]

Aspect 1:

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Aspect 2:

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(c) Explain why the growth of the global middle class may lead to:

(i) increased water consumption; [2]

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(ii) changes in diet. [2]

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Section B

Answer the following question.

Answers must be written within the answer boxes provided.

4. Refer to the infographic on pages 4–5 of the accompanying resource booklet.

The infographic shows characteristics of the ageing population of the Republic of Ireland.

(a) State the female **and** male age groups that have the highest number of bed days used. [1 + 1]

Female age group:

Male age group:

(b) Suggest **one** weakness of the choropleth map in the infographic in the way it represents the old age dependency data. [2]

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(c) To what extent does the evidence in the infographic support the view that ageing is a significant issue for the Republic of Ireland? [6]

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References:

3. Data compiled by Water Footprint Calculator; Source: The Water Footprint Network.



12EP09

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12EP10

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12EP11

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12EP12