

Geography
Higher level and standard level
Paper 2

12 November 2025

Zone A morning | Zone B morning | Zone C morning

Candidate session number

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1 hour 15 minutes

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.
- Section C: answer one 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 **[50 marks]**.

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A001



Section A

Answer **all** questions.

Answers must be written within the answer boxes provided.

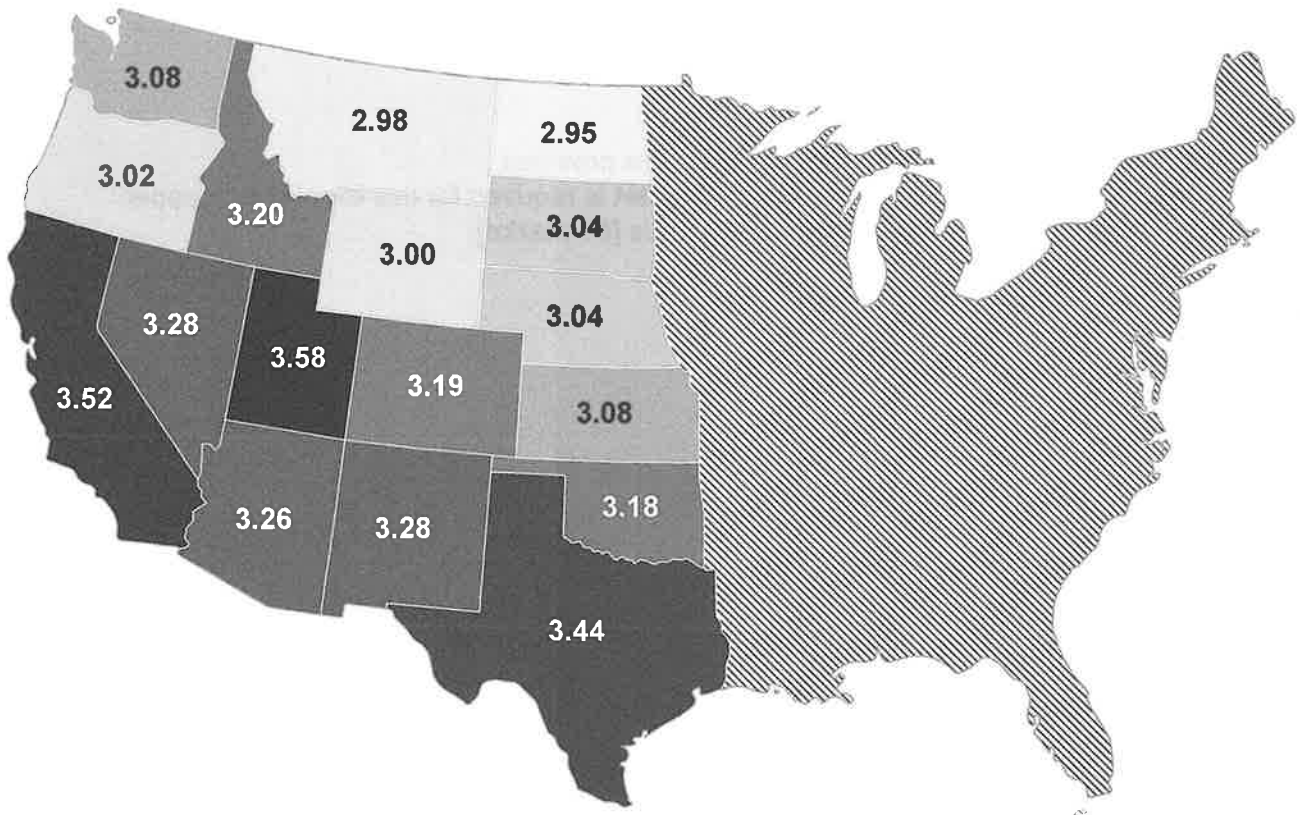
When relevant, answers should refer to case studies or examples, and where appropriate include well-drawn maps or diagrams.

1. Changing population

The map shows the average family size (average number of people per family) in selected states in the USA.

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(a) Describe the pattern of average family sizes shown on the map. [2]

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(This question continues on the following page)



(Question 1 continued)

(b) Suggest **two** reasons for the global trend towards smaller family sizes.

[2 + 2]

Reason 1:

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Reason 2:

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(c) Explain **two** ways in which an anti-natalist policy can be implemented.

[2 + 2]

Way 1:

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Way 2:

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2. Global climate – vulnerability and resilience

(a) Outline the origin of short-wave radiation **and** long-wave radiation.

[2]

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(b) Suggest **two** ways in which human activity is increasing methane in the atmosphere. [2 + 2]

Way 1:

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Way 2:

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(This question continues on the following page)



(Question 2 continued)

(c) Explain **two** ways in which climate change may impact ocean transport.

[2+2]

Way 1:

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Way 2:

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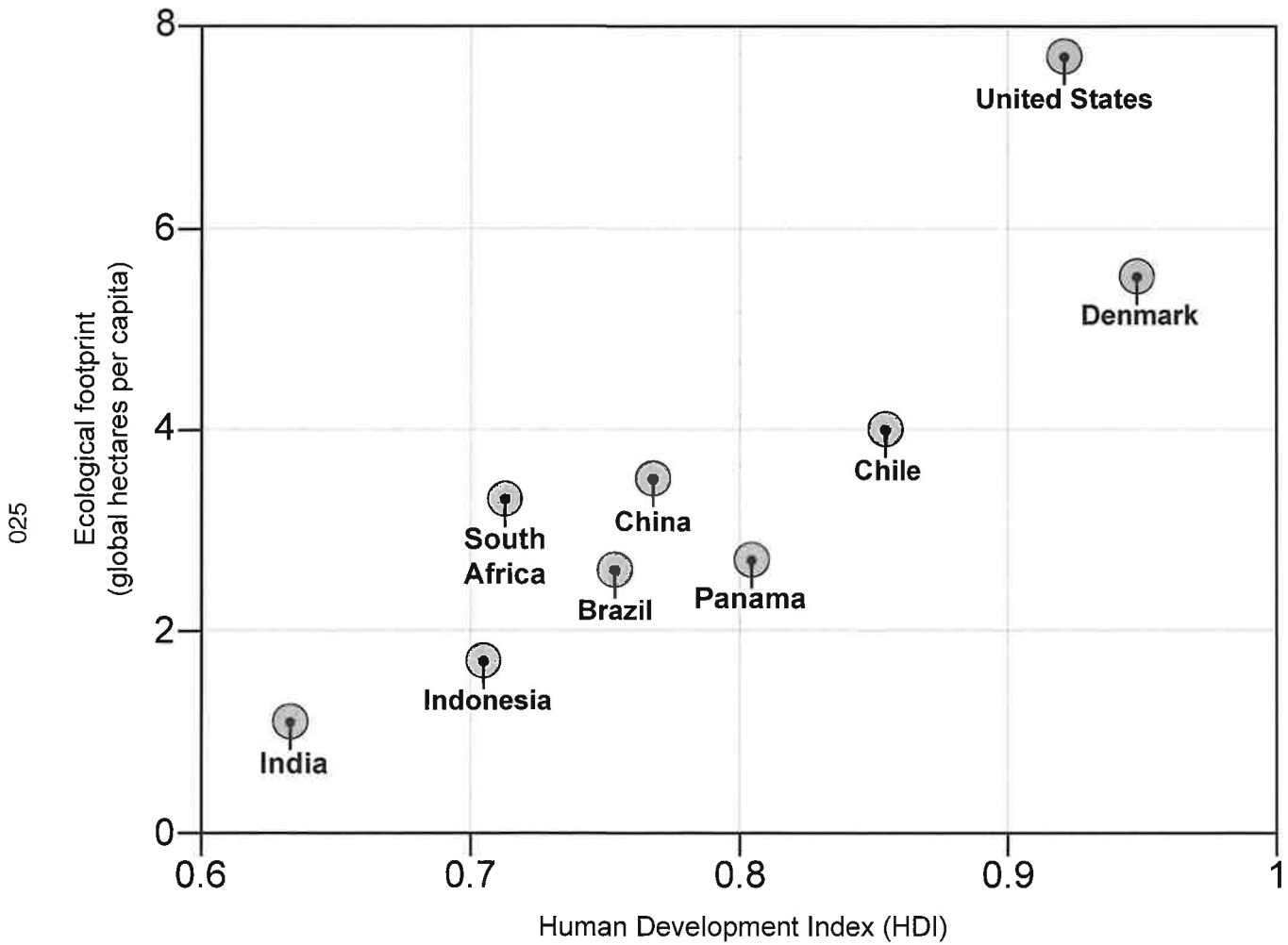


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3. Global resource consumption and security

The graph shows Human Development Index (HDI) rankings and ecological footprint (in global hectares per capita) data for selected countries.



(a) Describe the relationship between Human Development Index (HDI) ranking and ecological footprint.

[2]

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(Question 3 continued)

(b) Suggest **two** political reasons why some countries have difficulty reducing their ecological footprint.

[2 + 2]

Reason 1:

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Reason 2:

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(c) Explain **two** ways in which changes to energy pathways can improve national energy security.

[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 issues relevant to water insecurity in Afghanistan.

(a) (i) State the direction from Herat to Kabul. [1]

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(ii) State the difference in population, in millions, between 2015 and 2022. [1]

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(b) Suggest **one** way in which the photograph shows evidence of how the level of economic development affects water availability. [2]

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Section C

Answer **one** question.

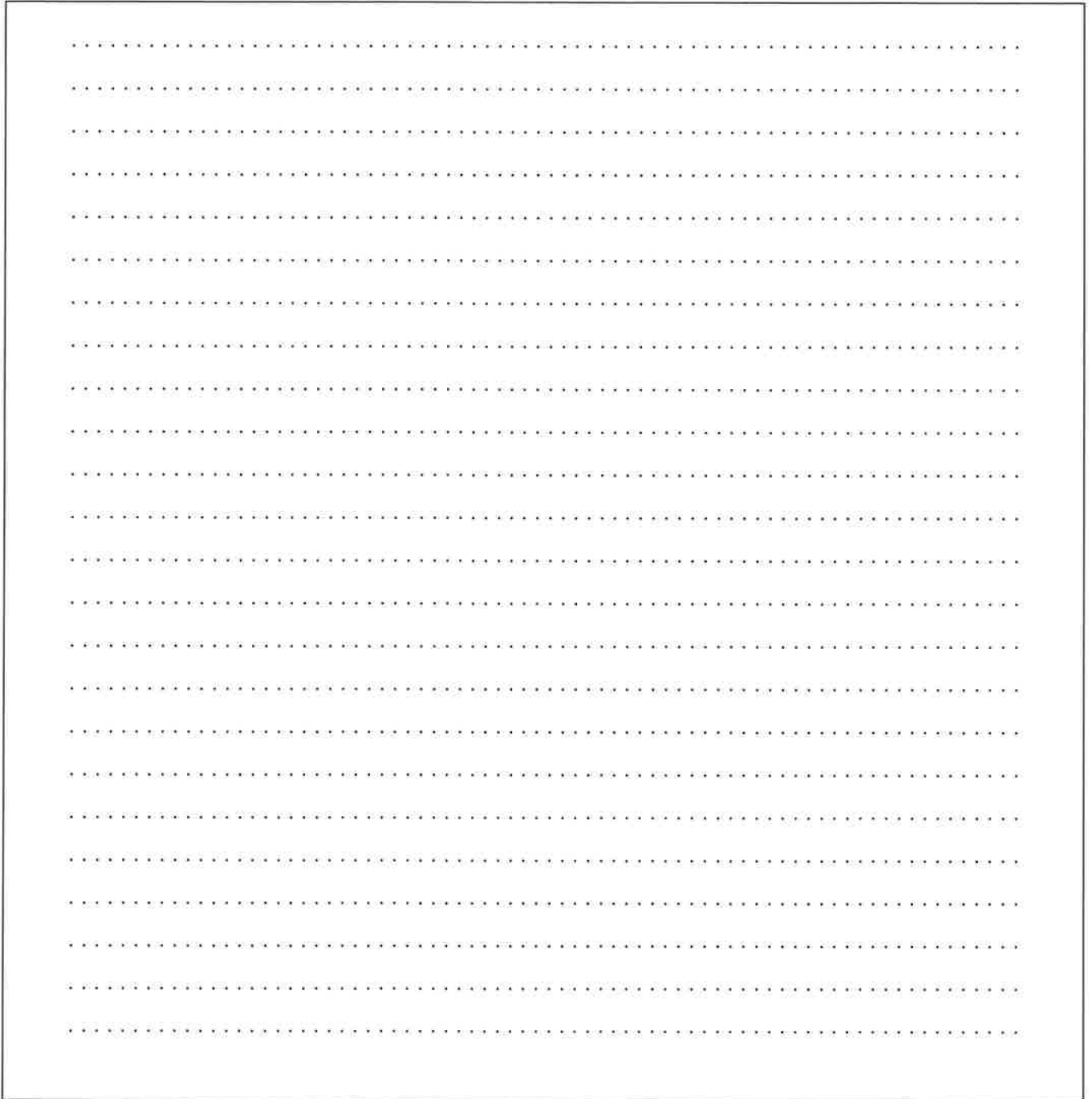
Where relevant, answers should refer to case studies or examples, and where appropriate include well-drawn maps or diagrams.

5. "Physical factors are the most important causes of uneven population distribution at a national scale." To what extent do you agree with this statement? [10]

6. "The most significant environmental impacts of climate change are on the hydrosphere." To what extent do you agree with this statement? [10]

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References:

1. Data Pandalas, n.d. *Average Household Size By State*. [online] Available at: <https://www.datapandalas.org/ranking/average-household-size-by-state#full-data> [Accessed 2 October 2024]. SOURCE ADAPTED.
 3. FootprintNetwork.org, n.d. *[Ecological footprint data]*. [online] Available at: <https://data.footprintnetwork.org/#/> [Accessed 2 October 2024]. SOURCE ADAPTED.
- World Population Review, n.d. *Human Development Index (HDI) by Country 2024*. [online] Available at: <https://worldpopulationreview.com/country-rankings/hdi-by-country> [Accessed 2 October 2024]. SOURCE ADAPTED.



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