

Geography
Higher level and standard level
Paper 2

Monday 16 May 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]**.

Please **do not** write on this page.

Answers written on this page
will not be marked.

9 pages



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

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

The map shows the distribution of population in Venezuela.

- (a) Outline the distribution of the Venezuelan states with population densities of above 100 persons per km².

[2]

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- (b) Explain **two** physical reasons why some areas have a low population density.

[2 + 2]

Reason 1:

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Reason 2:

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Answers written on this page
will not be marked.



12EP02



12EP11

(Question 1 continued)

- (c) Explain **one** cultural reason **and one** economic reason why fertility rates are decreasing.

[2 + 2]

Cultural reason:

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Economic reason:

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References:

3. UN Habitat., 2016. *Slum Almanac 2015-2016: Tracking Improvement in the Lives of Slum Dwellers*. [pdf online] Nairobi: UNON Publishing Service Station. Available at: https://unhabitat.org/sites/default/files/download-manager-files/Slum%20Almanac%202015-2016_PSUP.pdf [Accessed 4 June 2020].



12EP10



12EP03

Turn over

2. Global climate – vulnerability and resilience

(a) Outline what is meant by terrestrial albedo.

[2]

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(b) Suggest how climate change may cause spatial changes in:

(i) biomes;

[2]

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(ii) animal migration patterns.

[2]

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12EP04

(Question 4 continued)

(c) To what extent does the evidence in the infographic support the view that e-waste is a global problem?

[6]

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12EP09

Section B

Answer the following question.

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

The infographic shows aspects of global e-waste.

- (a) (i) State the range for e-waste generated (in kg per person) for the countries shown. [1]

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- (ii) Identify which raw material is produced in the largest amount when e-waste is recycled. [1]

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- (b) Describe the relationship between GNI per person and average growth rate of EEE consumption. [2]

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12EP08

(Question 2 continued)

- (c) Explain **two** ways in which higher temperatures could increase the incidence of health hazards on people. [2 + 2]

Way 1:

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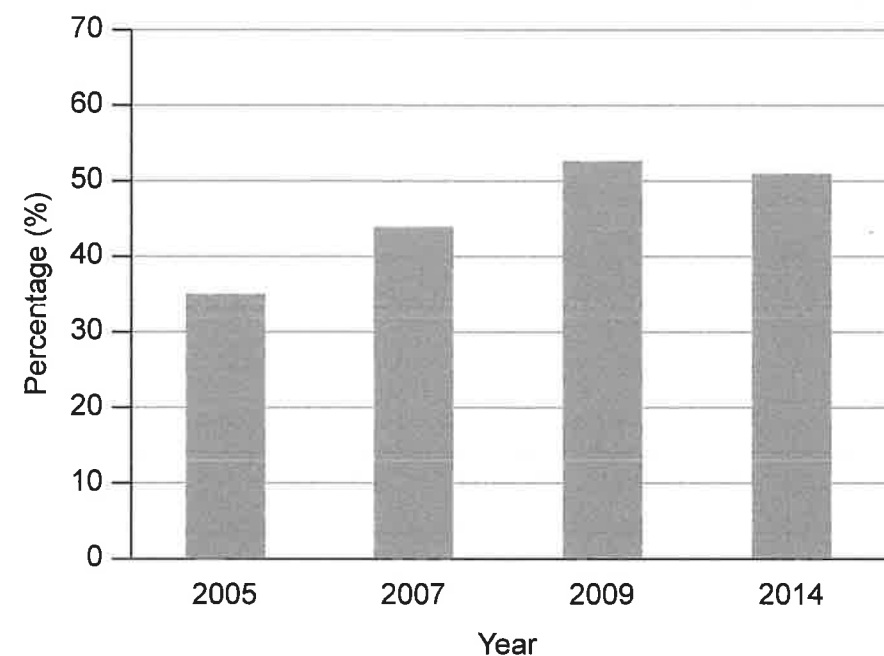


12EP05

Turn over

3. Global resource consumption and security

The graph shows changes in the percentage of the population of Lesotho living in slums.



- (a) Describe the trends shown in the slum populations of Lesotho between 2005 and 2014. [2]

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- (b) Suggest **two** reasons why progress towards access to safe water has been slow in some regions. [2 + 2]

Reason 1:

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Reason 2:

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(This question continues on the following page)



12EP06

(Question 3 continued)

- (c) Explain **one** economic advantage **and** **one** environmental advantage of the circular economy. [2 + 2]

Economic advantage:

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Environmental advantage:

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12EP07

Turn over