



Geography Higher level and standard level Paper 2

6 November 2023

Zone A morning | Zone B morning | Zone C morning

Candidate session number

--	--	--	--	--	--	--	--	--	--

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]**.



16 pages

8823–5204

© International Baccalaureate Organization 2023



16EP01



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 graph on page 2 of the accompanying resource booklet.

The graph shows changes in population by age group for a European country from 1950 to 2020.

- (a) (i) Identify the age group with the greatest increase in population from 1950 to 2020. [1]

.....

.....

- (ii) Estimate the change, in millions, in the number of young dependents (ages 0–15) from 1950 to 2020. [1]

.....

.....

(This question continues on the following page)



(Question 1 continued)

- (b) Suggest **two** economic reasons why this country might need a pro-natalist policy. [2 + 2]

Economic reason 1:

.....

.....

Economic reason 2:

.....

.....

.....

- (c) Explain **two** positive consequences of the rapid population growth of a megacity. [2 + 2]

Positive consequence 1:

.....

.....

Positive consequence 2:

.....

.....

.....



16EP03

Turn over

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

Answers written on this page
will not be marked.



16EP04

2. **Global climate — vulnerability and resilience**

- (a) Outline **one** way in which patterns of animal migration are affected by climate change. [2]

.....

.....

.....

.....

- (b) Suggest **two** ways in which social differences may lead to increased vulnerability to climate change. [2 + 2]

Way 1:

.....

.....

.....

Way 2:

.....

.....

.....

- (c) Explain **two** ways in which corporate strategies can help address climate change issues. [2 + 2]

Way 1:

.....

.....

.....

Way 2:

.....

.....

.....



3. Global resource consumption and security

Refer to the photograph and graph on page 3 of the accompanying resource booklet.

The photograph shows a solar energy farm in Palm Springs, California, USA. The graph shows sunshine hours per day in the same location.

- (a) State **two physical** factors that make this place a good location for a solar energy farm.

[1 + 1]

Physical factor 1:

Physical factor 2:

- (b) Explain **two** reasons why some countries decide not to utilize nuclear power.

[2 + 2]

Reason 1:

Reason 2:

(This question continues on the following page)



(Question 3 continued)

(c) Explain **two** ways in which nations can improve their water security.

[2 + 2]

Way 1:

.....

.....

.....

.....

Way 2:

.....

.....

.....

.....



16EP07

Turn over

Section B

Answer the following question.

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

The infographic shows characteristics of internally displaced people (IDPs) in two world regions.

- (a) (i) State the difference between the two regions in the number of new displacements in 2020. [1]

.....

.....

- (ii) State the type of map used to show the displacement events in 2020 for the two regions. [1]

.....

.....

- (b) Most Sub-Saharan African countries have a low gross domestic product (GDP) per person. Suggest **one** reason why governments of these countries have a limited ability to deal with the **environmental** impacts of internally displaced people (IDPs). [2]

.....

.....

.....

.....

(This question continues on the following page)



(c) To what extent does the evidence in the infographic support the view that recent internal displacements of people in both regions have similar characteristics?

[illegible]

Answer **one** question.

5. "Changes in the global energy balance are primarily the result of natural processes rather than human activity." To what extent do you agree with this statement? [10]

6. "The growth of the new global middle class is the main threat to the resource security of places." To what extent do you agree with this statement? [10]

[illegible]





Handwriting practice area with 20 horizontal dotted lines.



16EP13

Turn over

Blank lined area for writing.



Handwriting practice area with 25 horizontal dotted lines.



16EP15

Turn over

A blank sheet of lined paper with horizontal ruling lines.

