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Geography
Higher level and standard level
Paper 2

Thursday 9 May 2019 (morning)

Candidate session number

1 hour 15 minutes

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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.
- 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]**.



Section A

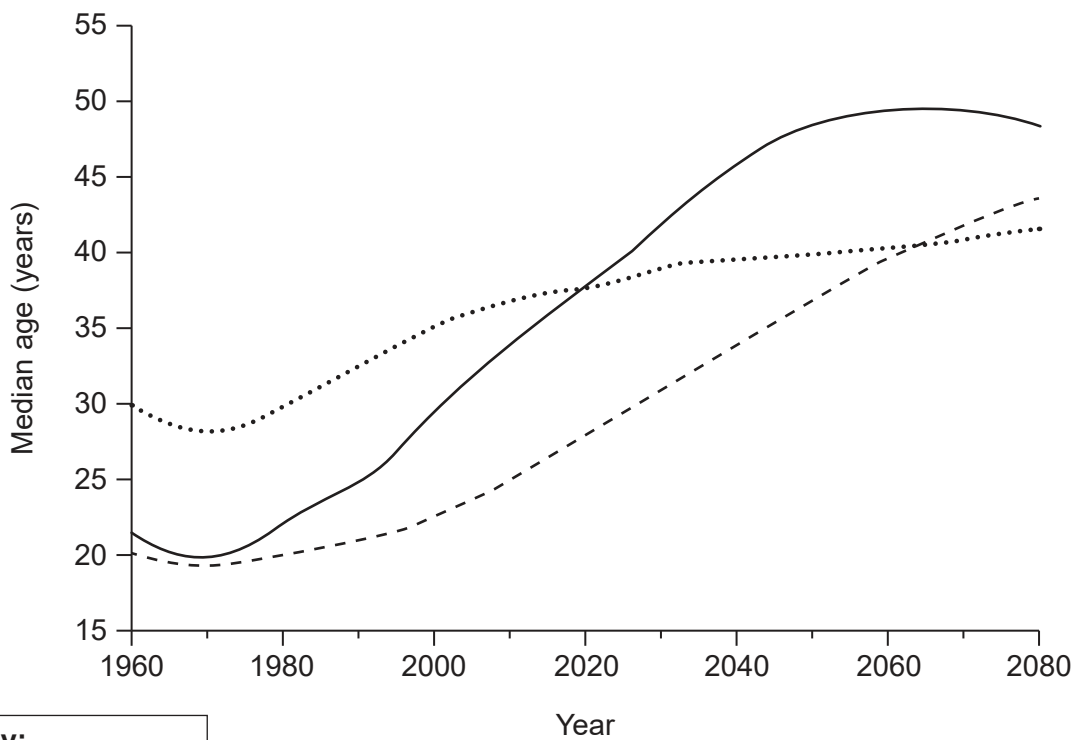
Answer **all** questions.

Answers must be written in the 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 graph shows actual and projected changes in the median population age of three countries between 1960 and 2080.



Key:
----- Country A
———— Country B
..... Country C

[Source: © International Baccalaureate Organization 2019]

(a) State the median age for Country B in the year 2000. [1]

.....
.....

(This question continues on the following page)



16EP02

(Question 1 continued)

(b) State which country has the greatest projected increase in median age **between** 2010 and 2040. [1]

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.....

(c) Explain **one** reason why the median age of a population could decrease. [2]

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.....

(d) Explain **one** environmental consequence of **one named** forced migration. [3]

Named example of forced migration:

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Environmental consequence:

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(e) Explain **one** policy designed to prevent human trafficking. [3]

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16EP03

Turn over

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

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

The map shows total greenhouse gas emissions from agriculture.

- (a) Describe the regional distribution of high total greenhouse gas emissions from agriculture. [2]

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- (b) Explain **two** reasons why increased **trade** by emerging economies has led to increased greenhouse gas emissions. [2+2]

Reason 1:

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Reason 2:

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(This question continues on the following page)



16EP04

(Question 2 continued)

- (c) Explain how carbon offset schemes **and** carbon trading might lead to a global reduction in greenhouse gas emissions. [2+2]

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16EP05

Turn over

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

Answers written on this page
will not be marked.



16EP06

3. Global resource consumption and security

(a) Describe what is meant by “embedded water”. [2]

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(b) Explain **two** reasons why diets are changing in middle-income countries. [2+2]

Reason 1:
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Reason 2:
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(c) Suggest **two** ways in which declining water availability might threaten a country’s energy security. [2+2]

Way 1:
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.....
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Way 2:
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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 Syrian refugees in the US.

(a) (i) Estimate the number of Syrian refugees that have settled in Pennsylvania (labelled X).

[1]

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.....

(ii) Determine the increase in the number of Syrian refugees admitted to the US between 2013 and 2014.

[1]

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.....

(b) Using evidence from the population pyramid **only**, explain **one** possible challenge faced by the US government in resettling Syrian refugees.

[2]

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(This question continues on the following page)



16EP08

(Question 4 continued)

(c) To what extent does the infographic offer a flawed representation of the scale of Syrian resettlement in the US?

[6]

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16EP09

Turn over

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. “Of all the demographic challenges nations face, ageing is the most serious.” To what extent do you agree with this statement? [10]

- 6. “Responding to climate change is more important than working towards the UN Sustainable Development Goals.” To what extent do you agree with this statement? [10]

[Large empty box for writing answers]



16EP10

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16EP11

Turn over

A large rectangular area containing 25 horizontal dotted lines, intended for writing answers.



16EP12

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16EP13

Turn over

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16EP14

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16EP15

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16EP16