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Diploma Programme
Programme du diplôme
Programa del Diploma

Geography
Higher level and standard level
Paper 2

Thursday 9 May 2019 (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

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Section A

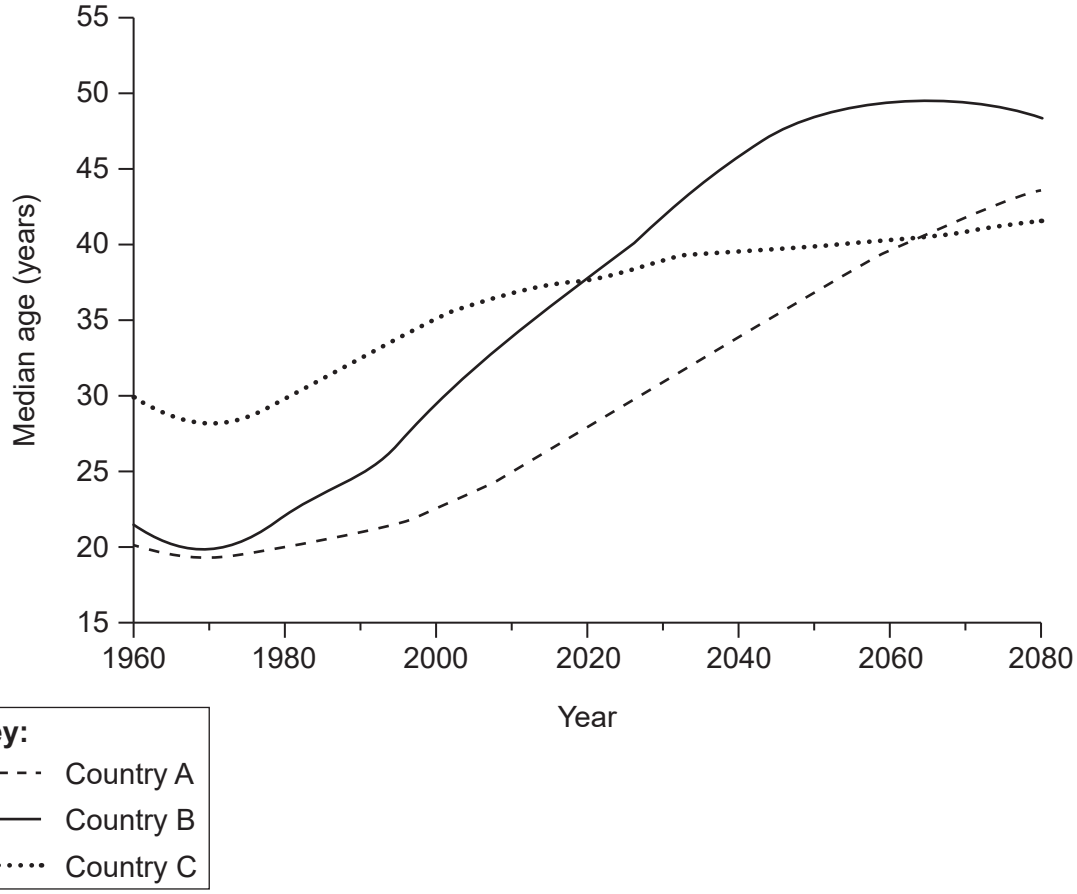
Answer **all** questions.

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.



[Source: © International Baccalaureate Organization 2019]

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

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(This question continues on the following page)

(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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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)

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

Answers written on this page
will not be marked.

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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Way 2: . . . . . .

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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)

(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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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]