



No part of this product may be reproduced in any form or by any electronic or mechanical means, including information storage and retrieval systems, without written permission from the IB.

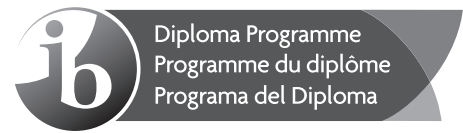
Additionally, the license tied with this product prohibits commercial use of any selected files or extracts from this product. Use by third parties, including but not limited to publishers, private teachers, tutoring or study services, preparatory schools, vendors operating curriculum mapping services or teacher resource digital platforms and app developers, is not permitted and is subject to the IB's prior written consent via a license. More information on how to request a license can be obtained from <http://www.ibo.org/contact-the-ib/media-inquiries/for-publishers/guidance-for-third-party-publishers-and-providers/how-to-apply-for-a-license>.

Aucune partie de ce produit ne peut être reproduite sous quelque forme ni par quelque moyen que ce soit, électronique ou mécanique, y compris des systèmes de stockage et de récupération d'informations, sans l'autorisation écrite de l'IB.

De plus, la licence associée à ce produit interdit toute utilisation commerciale de tout fichier ou extrait sélectionné dans ce produit. L'utilisation par des tiers, y compris, sans toutefois s'y limiter, des éditeurs, des professeurs particuliers, des services de tutorat ou d'aide aux études, des établissements de préparation à l'enseignement supérieur, des fournisseurs de services de planification des programmes d'études, des gestionnaires de plateformes pédagogiques en ligne, et des développeurs d'applications, n'est pas autorisée et est soumise au consentement écrit préalable de l'IB par l'intermédiaire d'une licence. Pour plus d'informations sur la procédure à suivre pour demander une licence, rendez-vous à l'adresse <http://www.ibo.org/fr/contact-the-ib/media-inquiries/for-publishers/guidance-for-third-party-publishers-and-providers/how-to-apply-for-a-license>.

No se podrá reproducir ninguna parte de este producto de ninguna forma ni por ningún medio electrónico o mecánico, incluidos los sistemas de almacenamiento y recuperación de información, sin que medie la autorización escrita del IB.

Además, la licencia vinculada a este producto prohíbe el uso con fines comerciales de todo archivo o fragmento seleccionado de este producto. El uso por parte de terceros —lo que incluye, a título enunciativo, editoriales, profesores particulares, servicios de apoyo académico o ayuda para el estudio, colegios preparatorios, desarrolladores de aplicaciones y entidades que presten servicios de planificación curricular u ofrezcan recursos para docentes mediante plataformas digitales— no está permitido y estará sujeto al otorgamiento previo de una licencia escrita por parte del IB. En este enlace encontrará más información sobre cómo solicitar una licencia: <http://www.ibo.org/es/contact-the-ib/media-inquiries/for-publishers/guidance-for-third-party-publishers-and-providers/how-to-apply-for-a-license>.



# 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]**.



## Section A

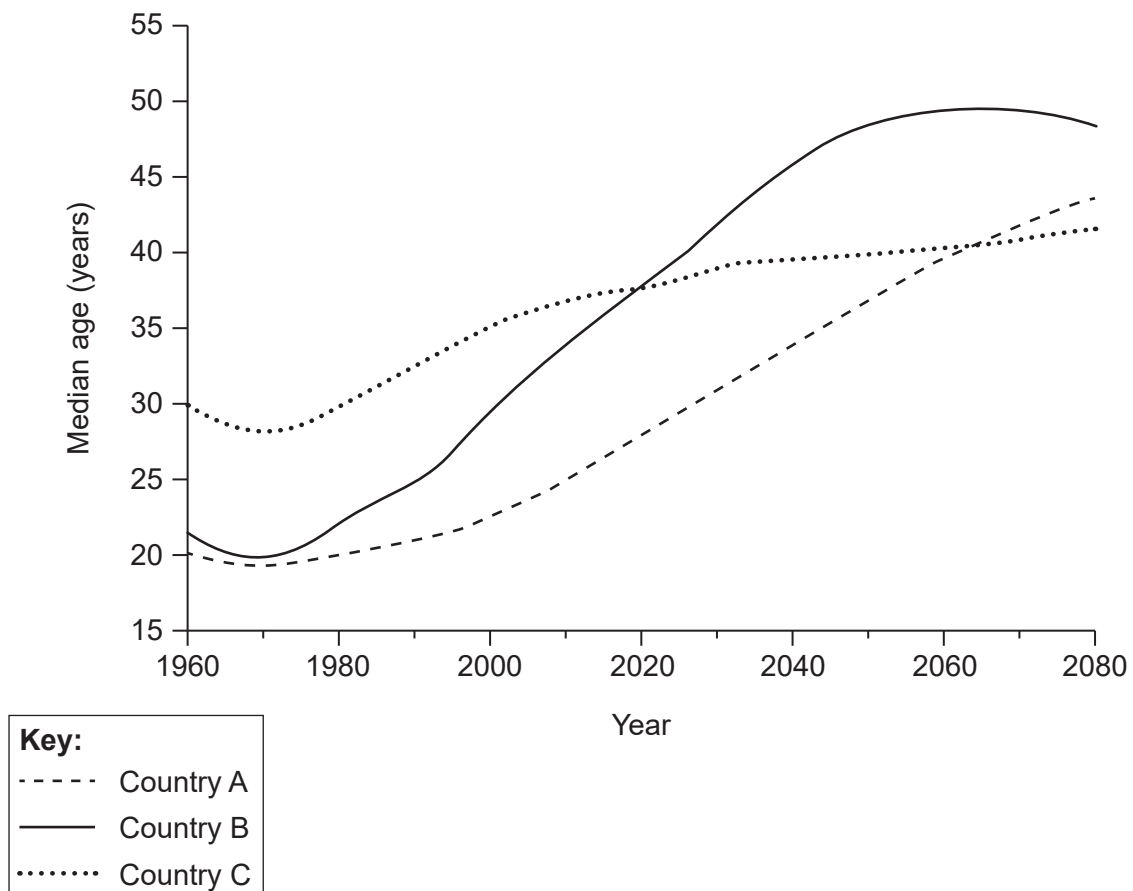
Answer **all** questions.

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]

.....

.....

(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]

.....  
.....

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

[2]

.....  
.....  
.....  
.....

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

[3]

Named example of forced migration: .....

.....

Environmental consequence: .....

.....  
.....  
.....  
.....  
.....

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

[3]

.....  
.....  
.....  
.....  
.....  
.....



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]

.....

.....

.....

.....

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

Reason 1: .....

.....

.....

.....

Reason 2: .....

.....

.....

.....

(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]

.....

.....

.....

.....

.....

.....

.....

.....



16EP05

Turn over

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]

.....

.....

.....

.....

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

Reason 1: .....

.....

.....

.....

Reason 2: .....

.....

.....

.....

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

Way 1: .....

.....

.....

.....

Way 2: .....

.....

.....

.....





### 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]

.....  
.....

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

[1]

.....  
.....

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

[2]

.....  
.....  
.....  
.....

(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]

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....



16EP09

Turn over



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



16EP11

Turn over

A large rectangular area containing horizontal dotted lines for writing.



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



16EP13

Turn over

A large rectangular area containing horizontal dotted lines for writing.



A large rectangular area containing horizontal dotted lines for writing.



16EP15

Turn over



A large rectangular area containing horizontal dotted lines for writing.

