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School code

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School name

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Given name/s

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Family name

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Attach your
barcode ID label here

Book

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of

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books used

External assessment 2022

Question and response book

Geography

Time allowed

- Planning time — 15 minutes
- Working time — 120 minutes

General instructions

- Answer all questions in this question and response book.
- Write using black or blue pen.
- QCAA-approved calculator permitted.
- Planning paper will not be marked.

Section 1 (35 marks)

- 5 short response questions

Section 2 (16 marks)

- 1 extended response question





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Section 1

Instructions

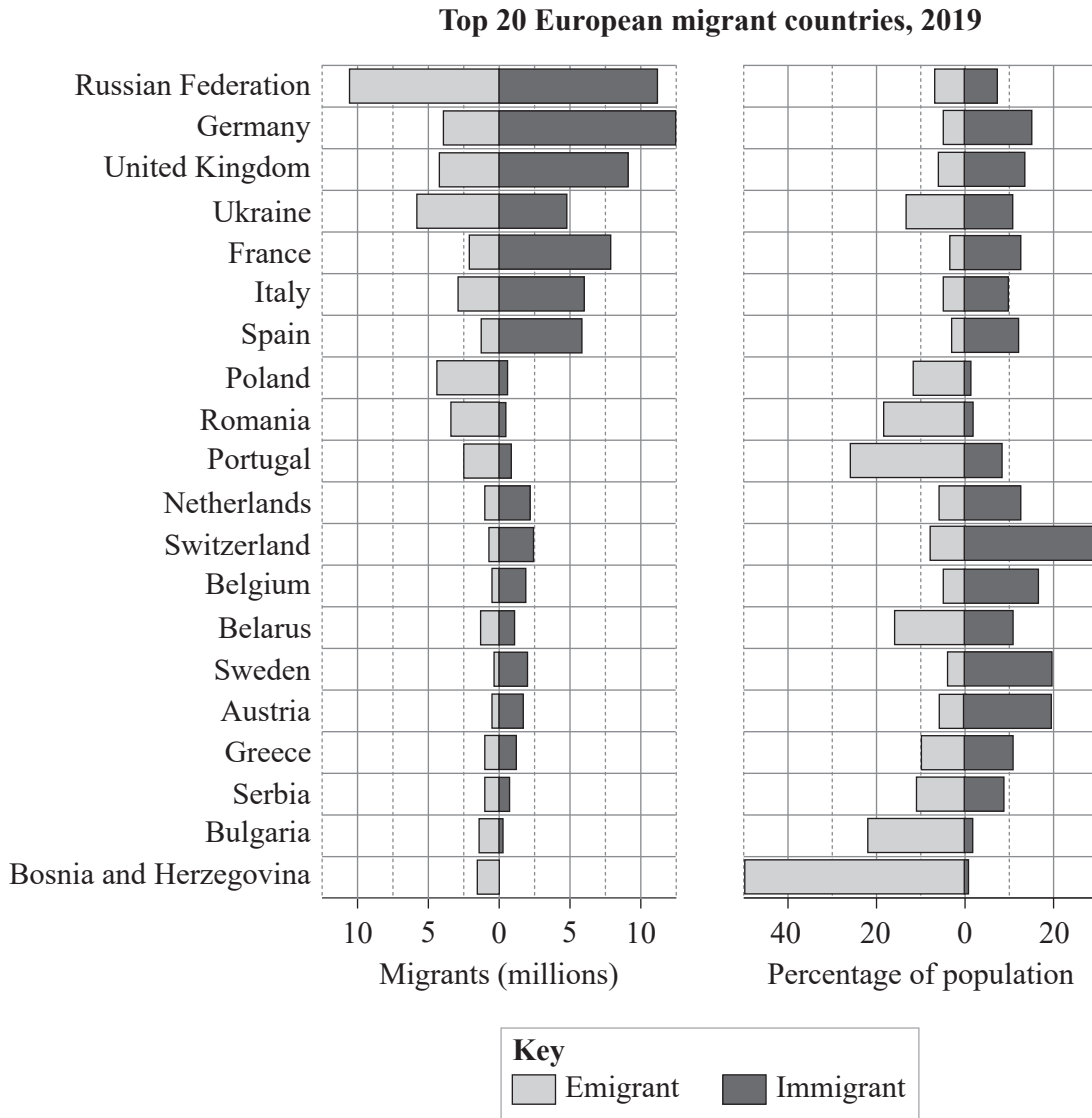
- If you need more space for a response, use the additional pages at the back of this book.
 - On the additional pages, write the question number you are responding to.
 - Cancel any incorrect response by ruling a single diagonal line through your work.
 - Write the page number of your alternative/additional response, i.e. See page ...
 - If you do not do this, your original response will be marked.
 - This section has five questions and is worth 35 marks.
-

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QUESTION 1 (5 marks)

Use evidence from the graph to identify two patterns of migration. Describe an impact of each pattern on a relevant country's population.



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QUESTION 2 (4 marks)

Refer to the population map to explain why Bangladesh has the highest population density in the region. Explain one implication for people and one implication for place in Bangladesh as a result of high population density.

Population per country (millions), 2018

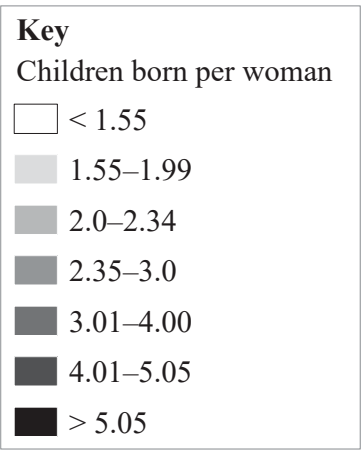
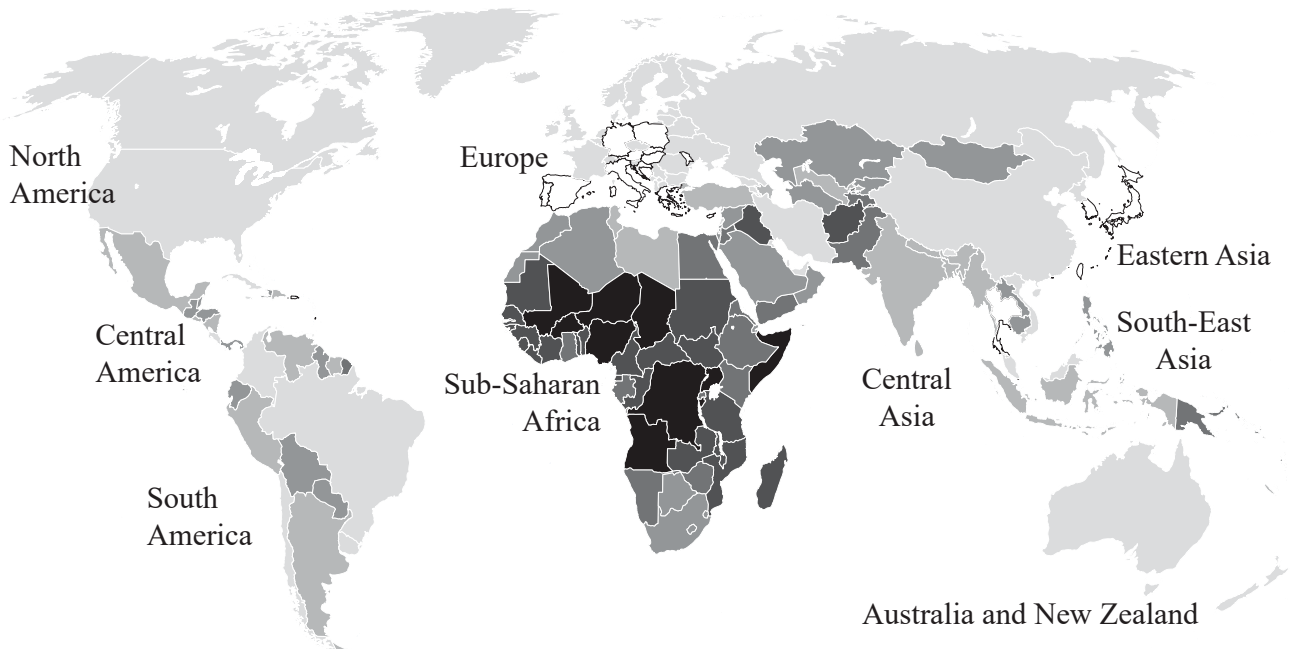


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QUESTION 3 (6 marks)

Analyse global patterns for fertility rates shown in the map to make an inference about a geographical challenge for countries where fertility rates are below replacement fertility.

Total fertility rate, 2019



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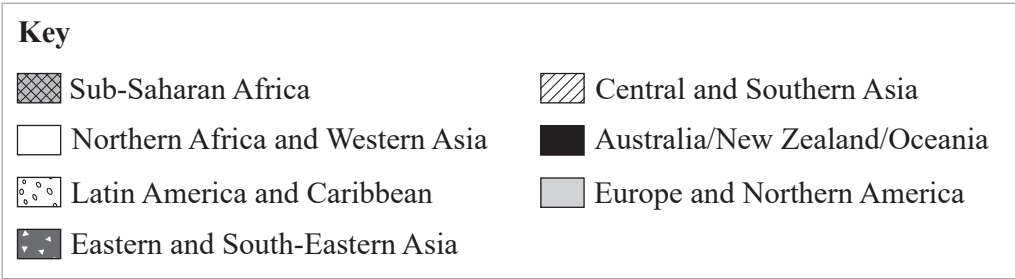
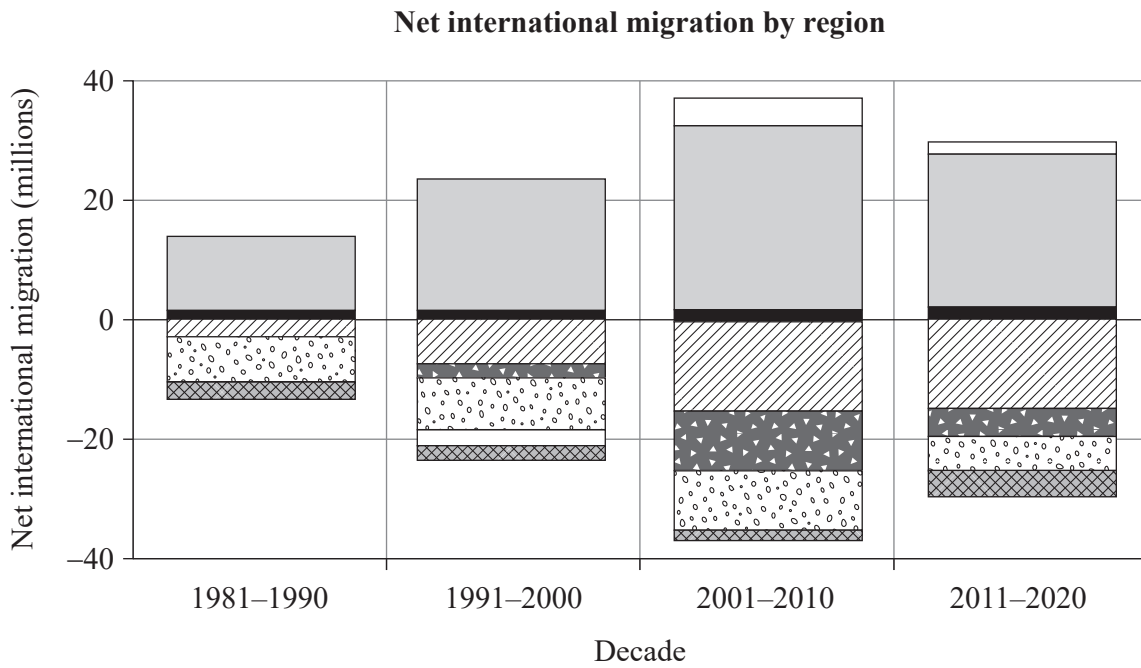
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QUESTION 4 (8 marks)

Analyse the graph to describe trends in international migration over time. For two different regions, suggest an explanation for the trend and make an inference about an impact for each of these regions.



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QUESTION 5 (12 marks)

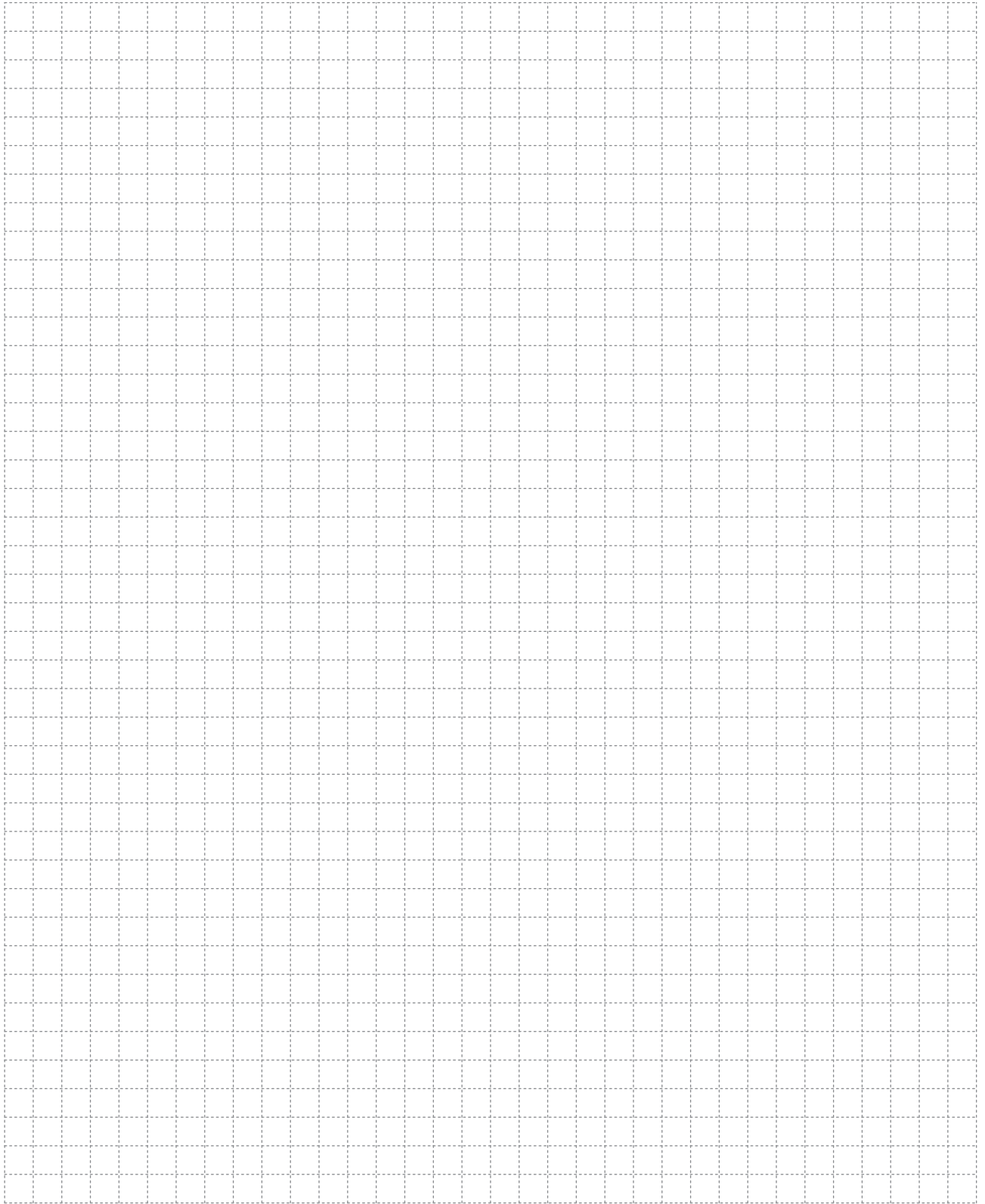
- a) Construct a graph on the grid provided on the next page to show the relationship between the two sets of data for Mexico in the table.

[7 marks]

Urban population and percentage of population experiencing food security, Mexico, 2018

State	Urban population (millions)	Urban population food security (%)
Baja California	3.26	85
Campeche	0.508	49
Chiapas	1.71	29
Chihuahua	3.03	78
Colima	0.542	70
Guanajuato	3.76	67
Guerrero	1.43	10
Hidalgo	0.89	25
Jalisco	5.95	79
Mexico State	11.24	89
Michoacán	2.22	56
Morelos	1.06	54
Nuevo León	5.15	88
Oaxaca	0.996	13
Puebla	3.08	57
Quintana Roo	1.57	81
San Luis Potosí	1.52	51
Sinaloa	1.88	61
Sonora	2.29	71
Tabasco	0.750	53
Tlaxcala	0.449	40

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Note: If you make a mistake in the graph, cancel it by ruling a single diagonal line through your work and use the additional response space at the back of this question and response book.

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b) Analyse the graph you constructed in Question 5a) to interpret the relationship evident. Infer how this relationship might impact internal migration in Mexico.

[5 marks]

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Section 2

Instructions

- This section has one question and is worth 16 marks.
- Respond in 450–600 words.

QUESTION 6 (16 marks)

Analyse Stimulus 1–5 in the stimulus book to make inferences about a geographical challenge arising in the West Africa Sahel region. Based on your analysis, make generalisations about the impacts of the identified challenge for people or places.

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ADDITIONAL PAGE FOR STUDENT RESPONSES

Write the question number you are responding to.

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ADDITIONAL PAGE FOR STUDENT RESPONSES

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**ADDITIONAL PAGE FOR STUDENT RESPONSES**

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ADDITIONAL PAGE FOR STUDENT RESPONSES

Write the question number you are responding to.

A large grid of dashed lines, intended for students to write their responses to questions. The grid consists of approximately 30 columns and 40 rows of small squares.

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References

Question 1

Adapted from International Organization for Migration 2019, ‘Top 20 European migrant countries in 2019’ in *World migration report 2020*, p. 88, https://publications.iom.int/system/files/pdf/wmr_2020.pdf.

Question 2

Data from Worldometer, *Asian Countries by population (2021)*, www.worldometers.info/population/countries-in-asia-by-population/

Question 3

Data from United Nations Population Division 2022, ‘Birth rate, 2021’ in Roser, M 2017, *Fertility rate*, OurWorldInData.org, <https://ourworldindata.org/fertility-rate>

Question 4

Adapted from United Nations Department of Economic and Social Affairs, Population Division 2019, ‘Net international migration by SDG region, 1980–1990, 1990–2000, 2000–2010, and 2010–2020’ in *World Population Prospects 2019: Highlights*, p. 33, https://population.un.org/wpp/Publications/Files/WPP2019_Highlights.pdf. Used under a Creative Commons license (CC BY 3.0 IGO)

Question 5

Population data sourced from Instituto Nacional de Estadística Geografía e Informática 2020, ‘Mexico: States and Major Cities’, *City Population*, www.citypopulation.de/en/mexico/cities.

Food security data sourced from Statista 2019, ‘Number of population considered vulnerable due to food deprivation in Mexico in 2018, by state’, www.statista.com/statistics/1043140/mexico-number-population-food-deprivation-state.



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