

Please write clearly in block capitals.

Centre number

Candidate number

Surname \_\_\_\_\_

Forename(s) \_\_\_\_\_

Candidate signature \_\_\_\_\_

I declare this is my own work.

# INTERNATIONAL GCSE GEOGRAPHY

## Paper 2 Challenges in the Human Environment

Time allowed: 1 hour 30 minutes

### Materials

For this paper you must have:

- a ruler with millimetre measurements
- a calculator, which you are expected to use where appropriate.

### Instructions

- Use black ink or black ball-point pen.
- Fill in the boxes at the top of this page.
- Answer **all** questions in **Sections A** and **B**.
- Answer **one** question from **Section C**, **either** Question 3 **or** Question 4.
- You must answer the questions in the spaces provided.  
Do not write outside the box around each page or on blank pages.
- If you need extra space for your answer(s), use the lined pages at the end of this book. Write the question number against your answer(s).
- All working must be shown.
- Do all rough work in this book. Cross through any work you do not want to be marked.

### Information

- The maximum mark for this paper is 80.
- The marks for questions are shown in brackets.
- You **may use** a bilingual dictionary for this exam.
- You may **not** use an English dictionary.

For Examiner's Use	
Question	Mark
1	
2	
3	
4	
<b>TOTAL</b>	



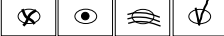
**Section A – Urban issues and challenges**


Answer **all** questions in the spaces provided.


You must answer **all** questions in this section.

For the multiple-choice questions, shade the circle next to the correct answer.

CORRECT METHOD 

WRONG METHODS 

If you want to change your answer you must cross out your original answer as shown. 

If you wish to return to an answer previously crossed out, ring the answer you now wish to select as shown. 

**0 1 . 1** Which of the following is correct?

Shade **one** circle only.

A megacity is a city with a population of at least:

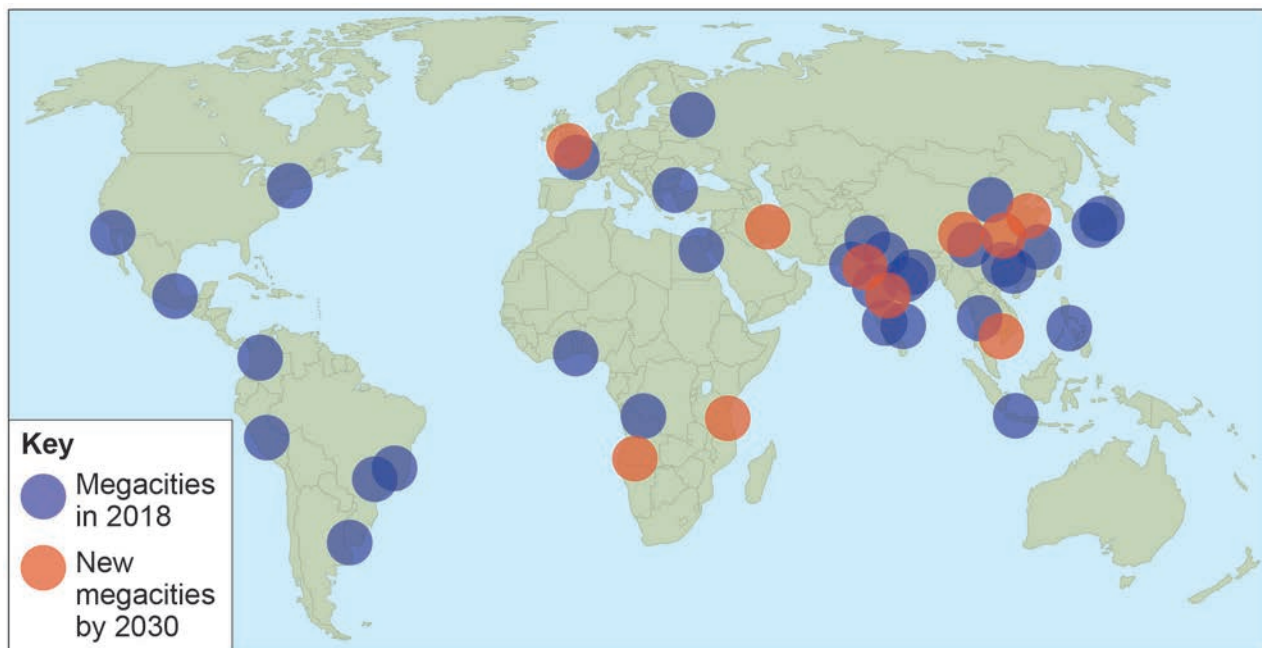
**[1 mark]**

- A** 5 million
- B** 10 million
- C** 15 million
- D** 20 million



Study **Figure 1**, a map showing megacities of the world in 2018 and 2030 (predicted).

**Figure 1**



**0 1 . 2** Describe the location of the new megacities (2030) shown in **Figure 1**.

[2 marks]

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**0 1 . 3** Give **two** push factors of migration.

[2 marks]

1 

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2 

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Question 1 continues on the next page

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0 1 . 4

'International migration has played an important part in developing the character of the world's cities.'

Discuss this statement with reference to **either** London **or** New York.

**[4 marks]**

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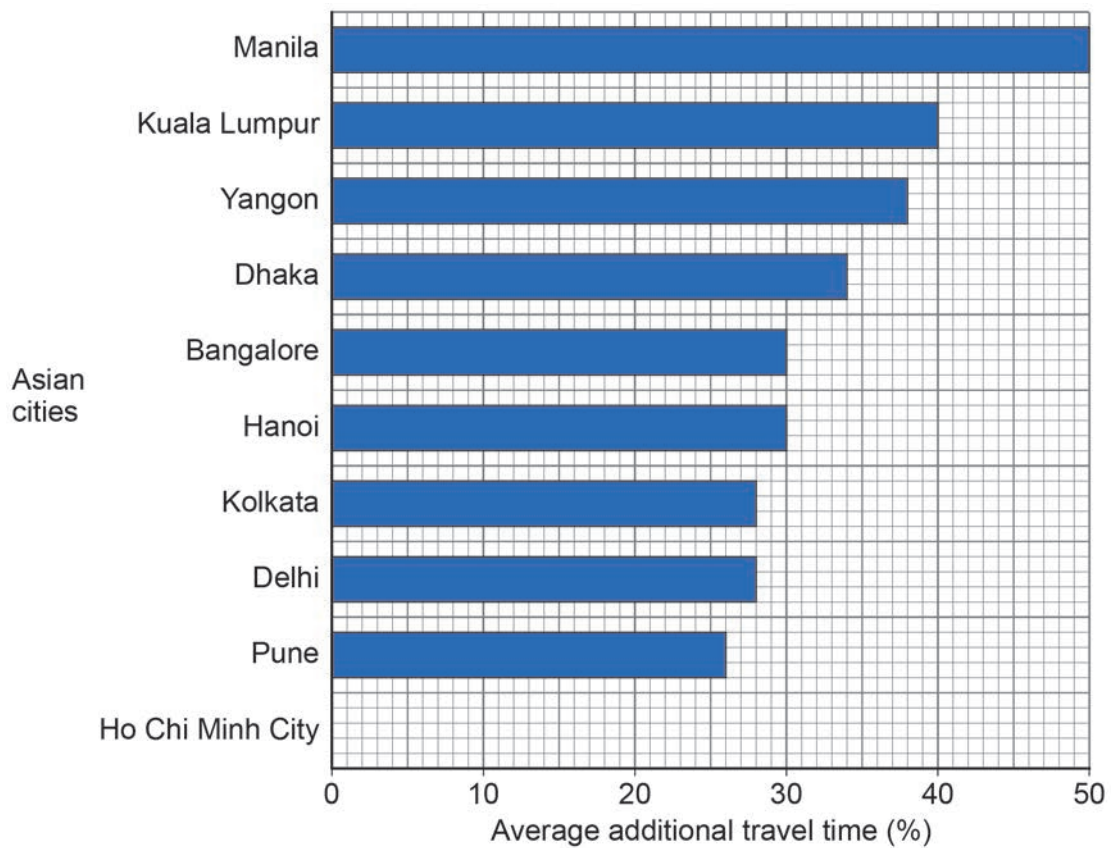
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Study **Figure 2**, a bar chart showing average additional travel time (%) in the ten most congested cities in Asia (2019).

**Figure 2**



**0 1 . 5** Complete the bar chart in **Figure 2** using the information below.

[1 mark]

City	Average additional travel time
Ho Chi Minh City	24%

**0 1 . 6** Which of the following is correct?

Shade **one** circle only.

The percentage average additional travel time in Bangalore is:

[1 mark]

A 20%

B 30%

C 40%

D 50%

**0 1 . 7** Suggest why managing traffic congestion in cities is a challenge.

[4 marks]

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Study **Figure 3**, a photograph showing an example of urban greening.

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**Figure 3**







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ANSWER IN THE SPACES PROVIDED**

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**Section B – The changing economic world**

Answer **all** questions in the spaces provided.

You must answer **all** questions in this section.

Study **Figure 4**, a table showing the number of doctors per 1000 people for selected countries.

**Figure 4**

Country	Doctors per 1000 people
Bangladesh	0.6
Burkina Faso	0.1
China	2.0
France	3.3
Germany	4.2
India	0.9
Thailand	0.8
UK	2.8
USA	2.6

**0 2 . 1** Use **Figure 4** to identify which **one** of the following statements is correct.

Shade **one** circle only.

**[1 mark]**

- A** China has fewer doctors per 1000 people than India.
- B** Germany has the highest number of doctors per 1000 people.
- C** The UK has the same number of doctors per 1000 people as the USA.
- D** The USA has more doctors per 1000 people than France.



0 2 . 2

Suggest **two** limitations of using the data in **Figure 4** to compare levels of development.

[2 marks]

1 \_\_\_\_\_

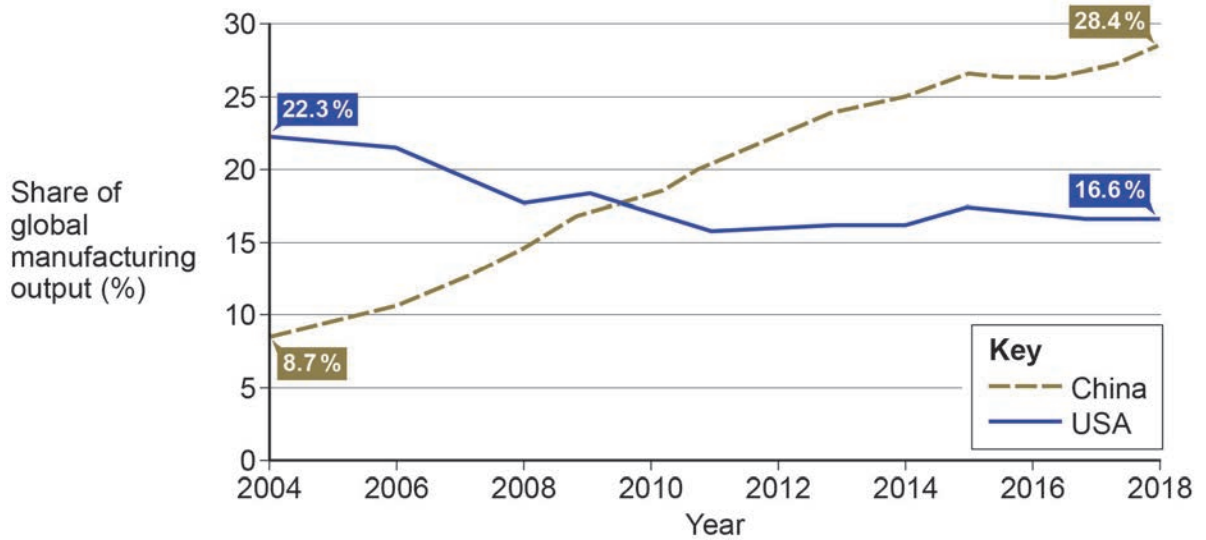
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Study **Figure 5**, a graph showing the share of global manufacturing output for China and the USA (2004–2018).

**Figure 5**



0 2 . 3

Compare the share of global manufacturing output of China and the USA from 2004 to 2018.

[2 marks]

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0 2 . 4

Suggest **two** ways that the development of manufacturing industry can encourage economic development.

[2 marks]

1 \_\_\_\_\_

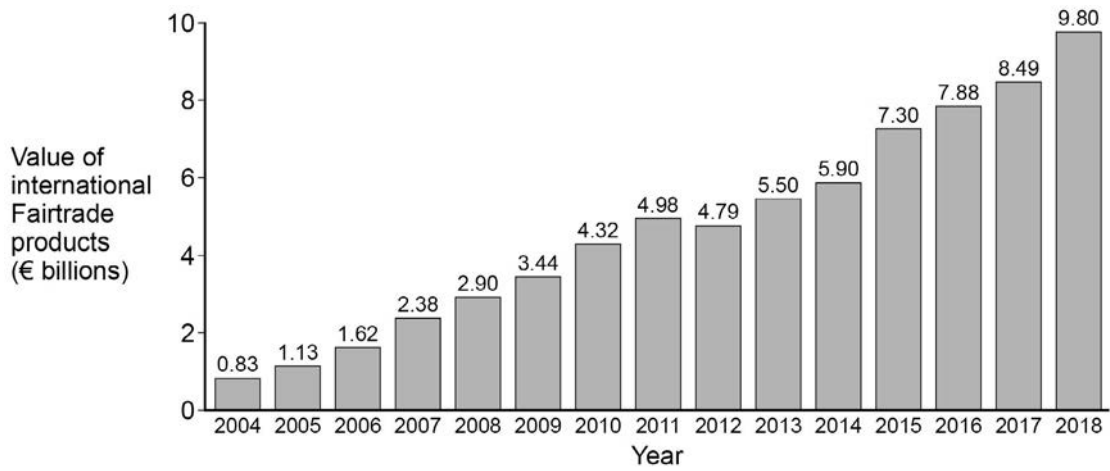
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Study **Figure 6**, a bar chart showing the value of international Fairtrade products 2004–2018.

**Figure 6**



0 2 . 5

Explain how Fairtrade can reduce the development gap.

Use **Figure 6** and your own knowledge.

[4 marks]

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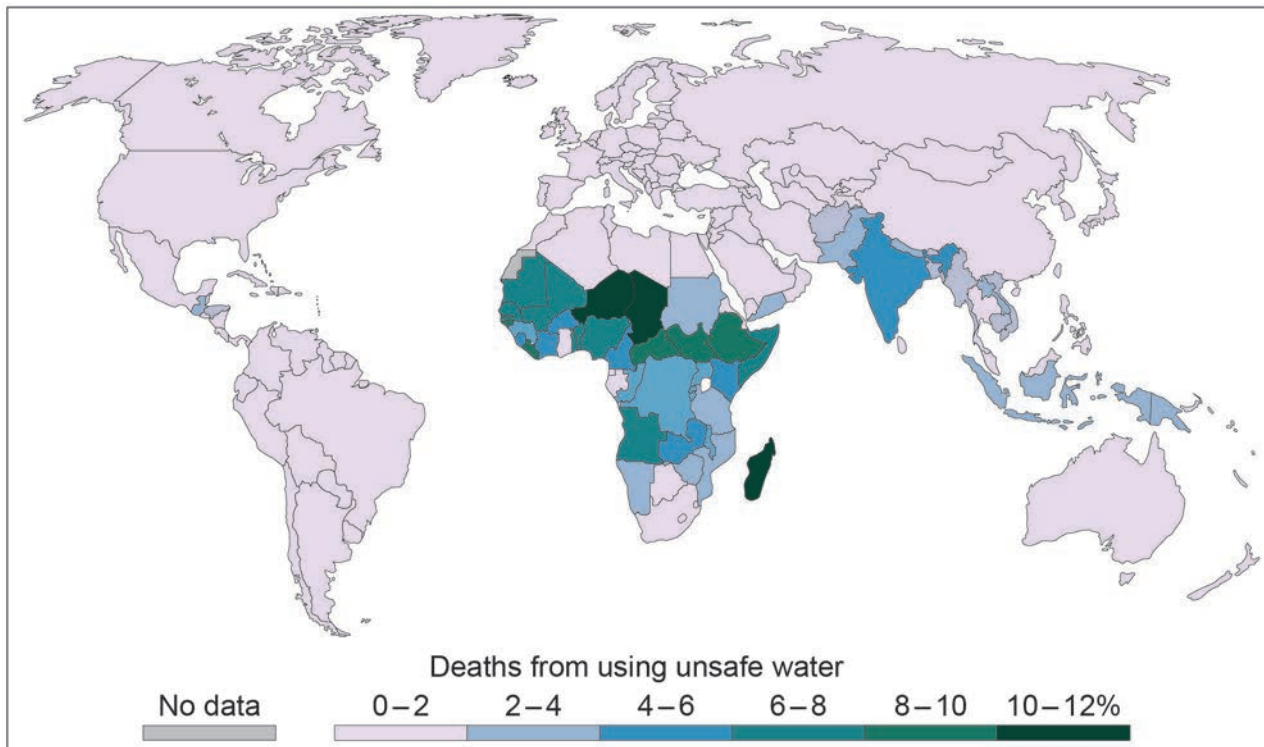


**Section C – Global issues****Water and energy resources or Population and communication**

You must answer **one** question from this section, **either** Question 3 **or** Question 4.

**Question 3 – Water and energy resources**

Study **Figure 7**, a map showing the percentage of deaths from using unsafe water resources (2017).

**Figure 7**

0 3 . 1

'There are significant global differences in the number of deaths from using unsafe water resources.'

Use **Figure 7** to discuss this statement.

[4 marks]

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0 3 . 2

Suggest **two** reasons why some countries have higher levels of unsafe water.

[2 marks]

1 \_\_\_\_\_

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2 \_\_\_\_\_

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0 3 . 3

Suggest how water shortages might affect food production.

[4 marks]

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**0 3 . 4** State what is meant by water conservation and water recycling.

**[2 marks]**

Water conservation \_\_\_\_\_

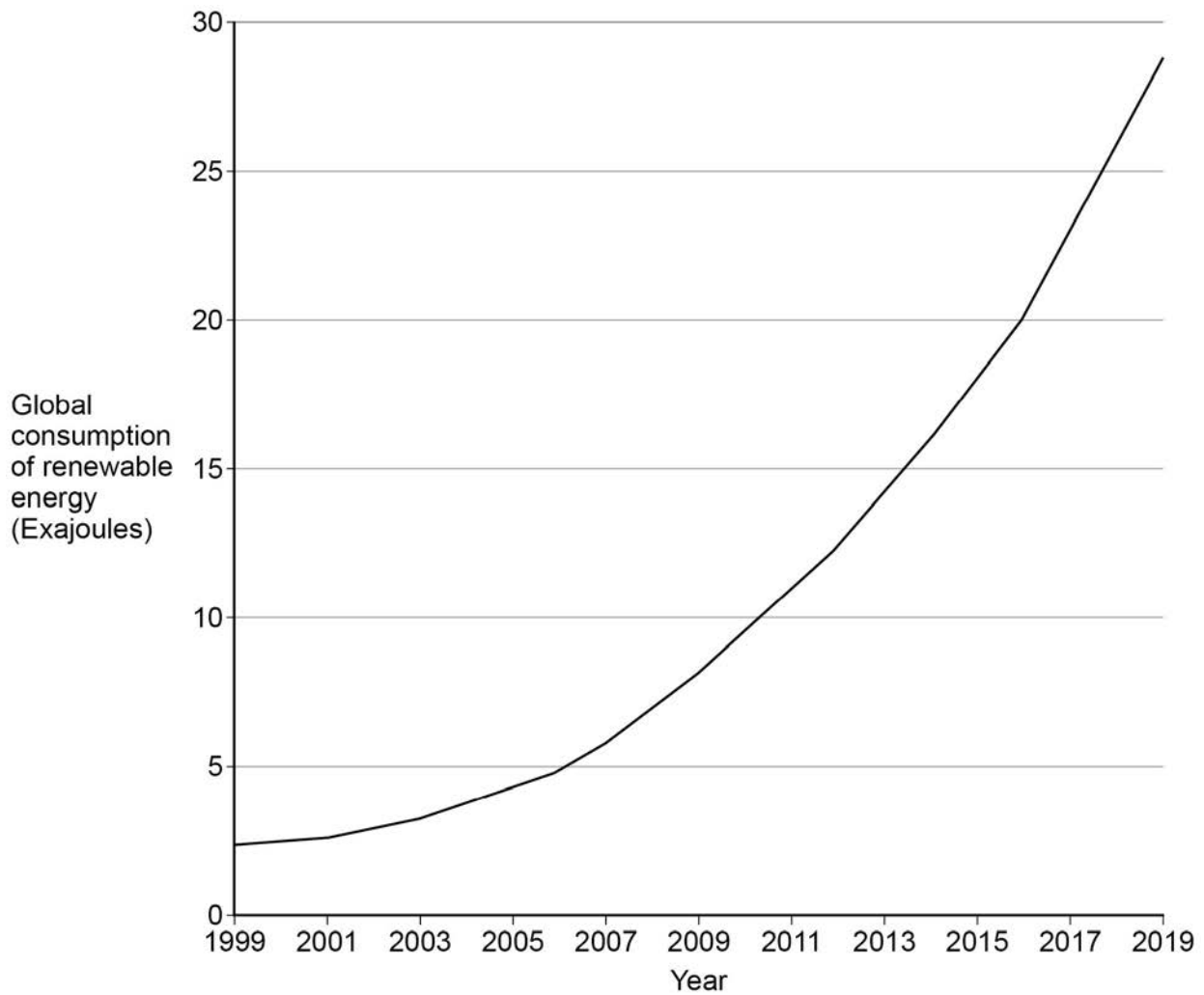
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Water recycling \_\_\_\_\_

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Study **Figure 8**, information about the global consumption of renewable energy between 1999 and 2019.

**Figure 8**



03.5

Describe the change to the global consumption of renewable energy between 1999 and 2019.

[2 marks]

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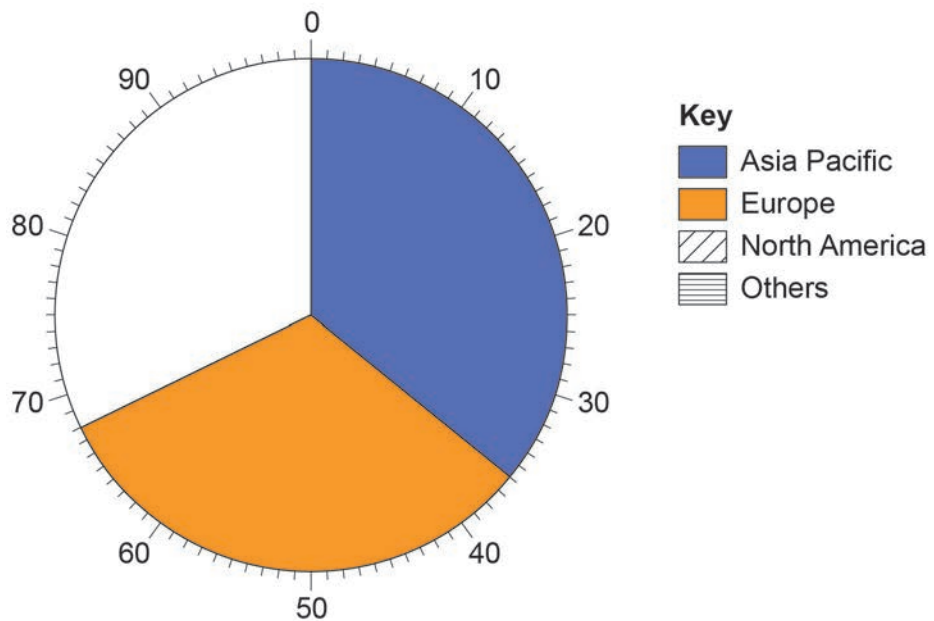
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03.6

Complete the pie chart using the information in the table below.

[2 marks]

Region	Renewable energy consumption 2019 (%)
North America	25
Others	7



03.7

Give **two** examples of renewable energy sources.

[2 marks]

1 \_\_\_\_\_

2 \_\_\_\_\_

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Study **Figure 9**, photographs showing an open cast coal mine and a large-scale hydro-electricity power scheme.

**Figure 9**

Open cast coal mine



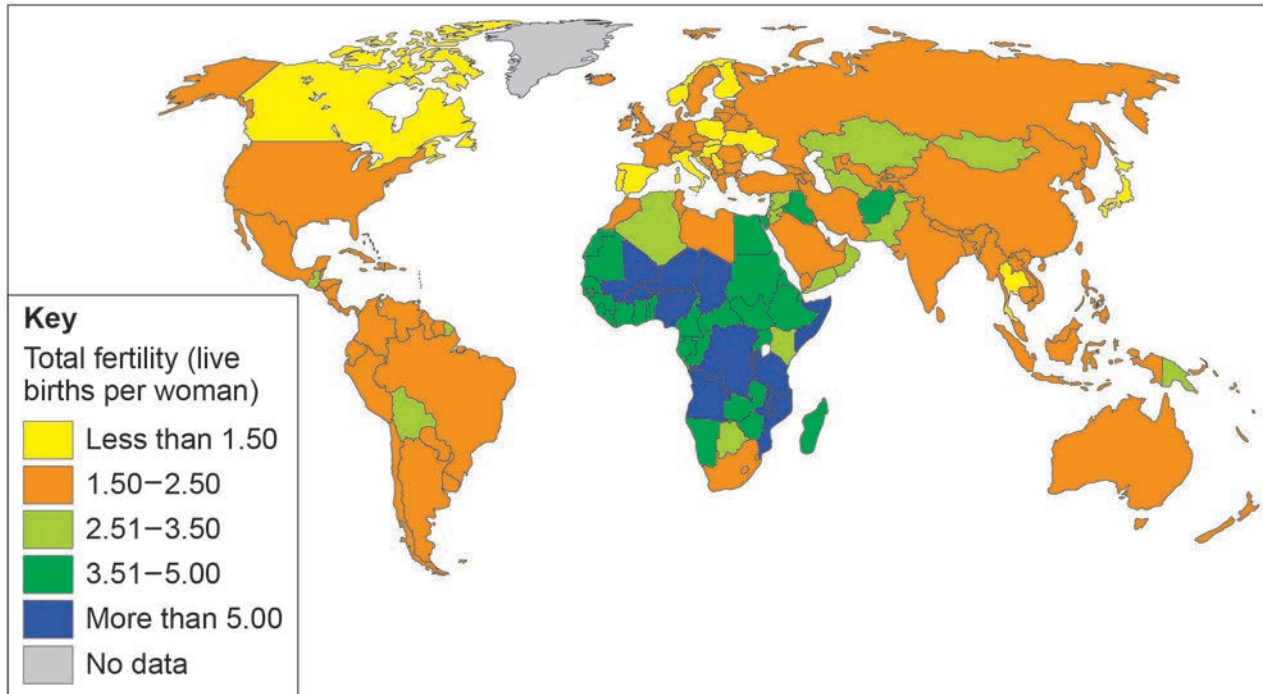
Hydro-electricity power scheme





**Question 4 – Population and communication**

Study **Figure 10**, a map showing global differences in fertility rates (2020).

**Figure 10**

0 4 . 1

'There are significant global differences in fertility rates.'

Use **Figure 10** to discuss this statement.

**[4 marks]**

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0 4 . 2

Suggest **two** reasons why some countries have higher fertility rates.

**[2 marks]**

1 \_\_\_\_\_

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2 \_\_\_\_\_

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0 4 . 3

Suggest how population change might affect the balance between population and resources.

**[4 marks]**

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0 4 . 4

In relation to international migration, state what is meant by economic migrants and asylum seekers.

**[2 marks]**

Economic migrants \_\_\_\_\_

\_\_\_\_\_

Asylum seekers \_\_\_\_\_

\_\_\_\_\_

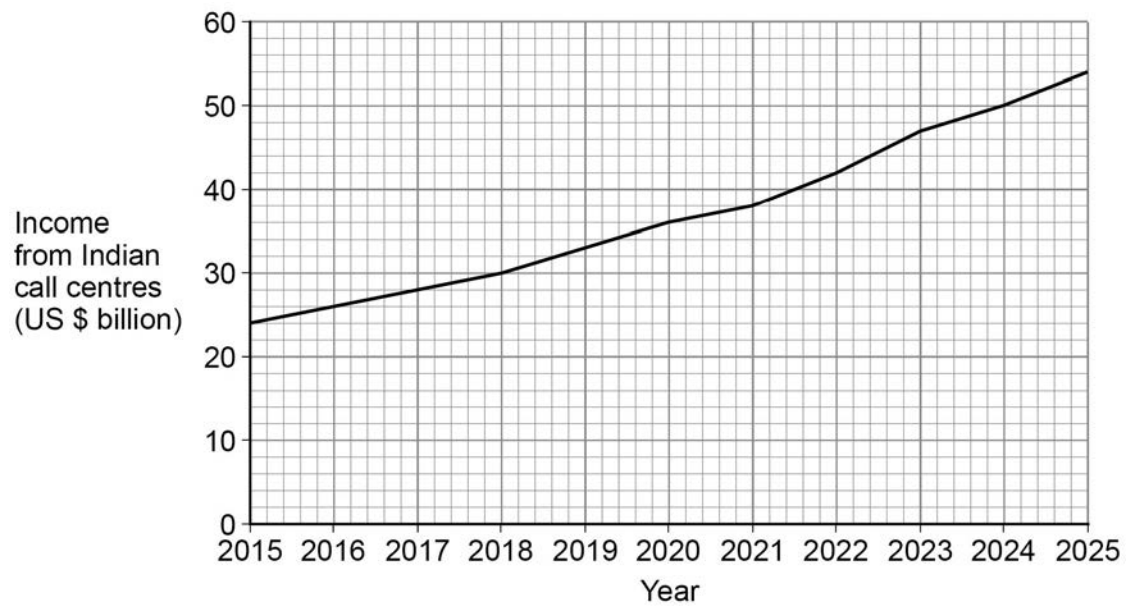
**Question 4 continues on the next page**

**Turn over ►**



Study **Figure 11**, a graph showing income from the call centre industry in India between 2015 and 2025 (predicted).

**Figure 11**



**0 4 . 5**

Describe the change in income from the call centre industry in India between 2015 and 2025 (predicted).

**[2 marks]**

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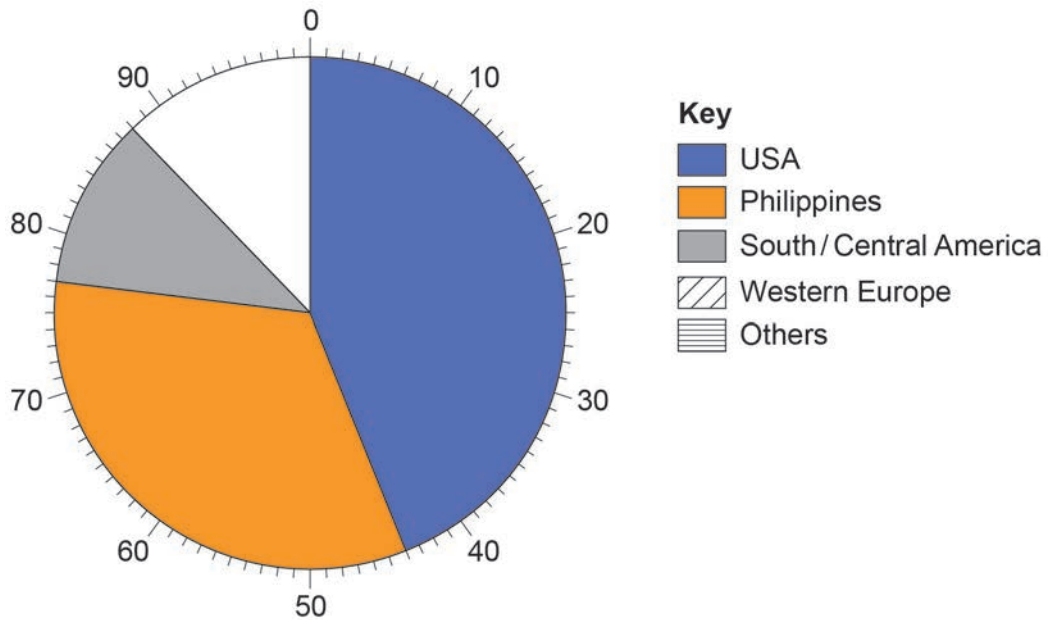
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**0 4 . 6** Complete the pie chart using the information in the table below.

**[2 marks]**

Region	New call centre jobs 2020 (%)
Western Europe	6
Others	6



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0 4 . 7

Explain how the development of ICT has led to global growth in the number of call centres.

[6 marks]

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0 4 . 8

Identify **two** ways that the development of air transport has increased trade opportunities.

[2 marks]

1 \_\_\_\_\_

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2 \_\_\_\_\_

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Study **Figure 12**, a photograph of an industrial port.

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**Figure 12**





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