

Please check the examination details below before entering your candidate information

Candidate surname					Other names				
Centre Number					Candidate Number				

Pearson Edexcel Level 1/ Level 2 GCSE (9–1)

Wednesday 14 May 2025

Morning (Time: 1 hour 30 minutes) **Paper reference** **1GB0/01**

Geography B

PAPER 1: Global Geographical Issues

You must have:
Calculator, ruler

Total Marks

Instructions

- Use **black** ink or ball-point pen.
- **Fill in the boxes** at the top of this page with your name, centre number and candidate number.
- Answer **all** questions.
- Answer the questions in the spaces provided
– *there may be more space than you need.*
- You are advised to **show all your working out** with **your answer clearly identified** at the **end of your solution**.

Information

- The total mark for this paper is 94.
- The marks for **each** question are shown in brackets
– *use this as a guide as to how much time to spend on each question.*
- The marks available for spelling, punctuation and grammar are clearly indicated.

Advice

- Read each question carefully before you start to answer it.
- Try to answer every question.
- Check your answers if you have time at the end.

Turn over ►

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Pearson

SECTION A

Hazardous Earth

Answer ALL questions in this section.

Write your answers in the spaces provided.

Some questions must be answered with a cross in a box ☒. If you change your mind about an answer, put a line through the box ☒ and then mark your new answer with a cross ☒.

- 1 (a) Study Figure 1 which shows greenhouse gas emissions between 2000 and 2021.

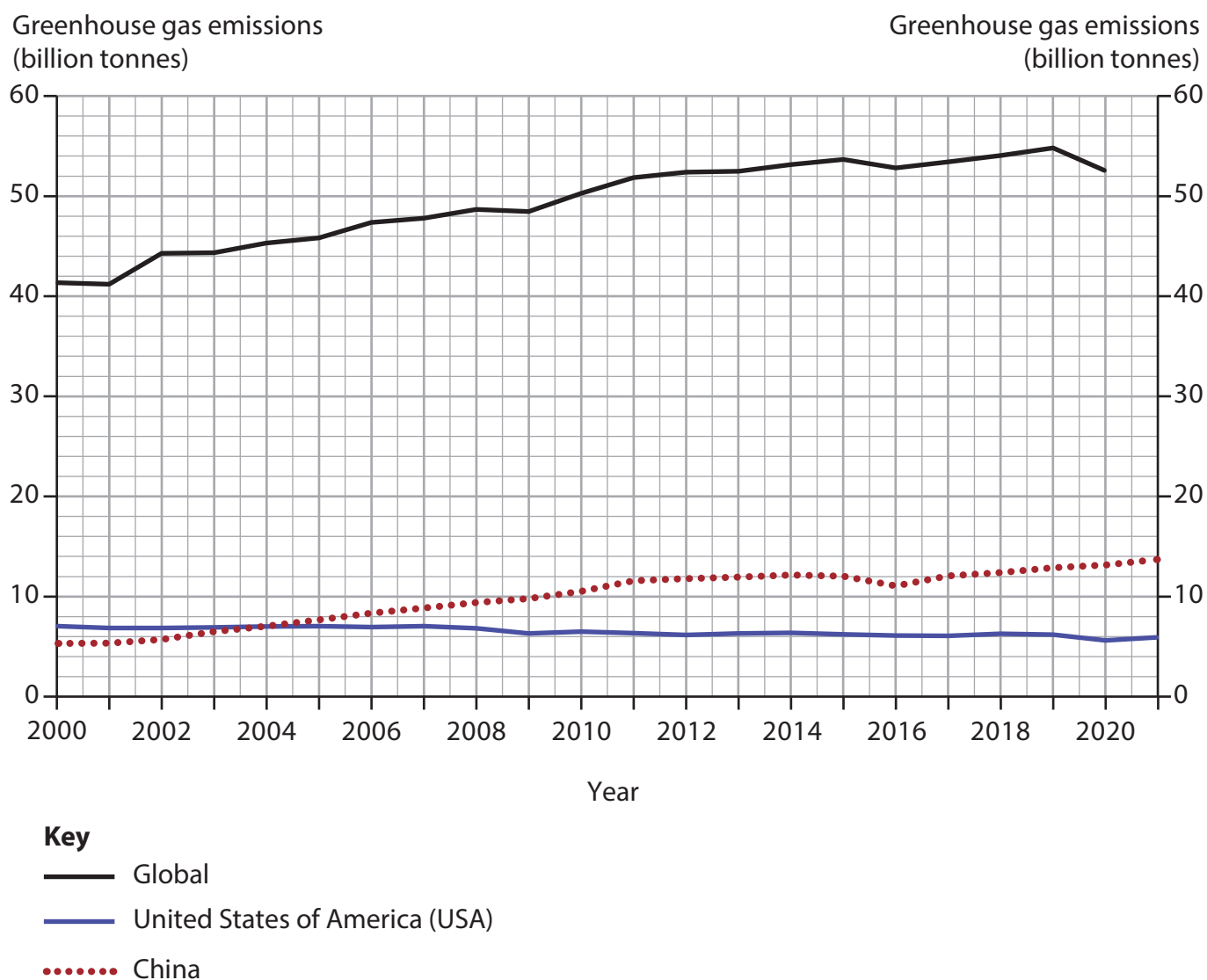


Figure 1



(i) Plot the following information on Figure 1.

(1)

Year	Global greenhouse gas emissions
2021	56 billion tonnes

(ii) Identify the period in which greenhouse gas emissions from China became higher than those from the USA.

(1)

- ☐ A 2000–2002
- ☐ B 2003–2005
- ☐ C 2010–2012
- ☐ D 2014–2016

(b) Explain **one** way that farming can increase greenhouse gas emissions.

(2)

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(c) Explain **two** pieces of evidence for natural climate change.

(4)

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(d) Study Figure 2 which shows a satellite image of a hurricane in the USA.

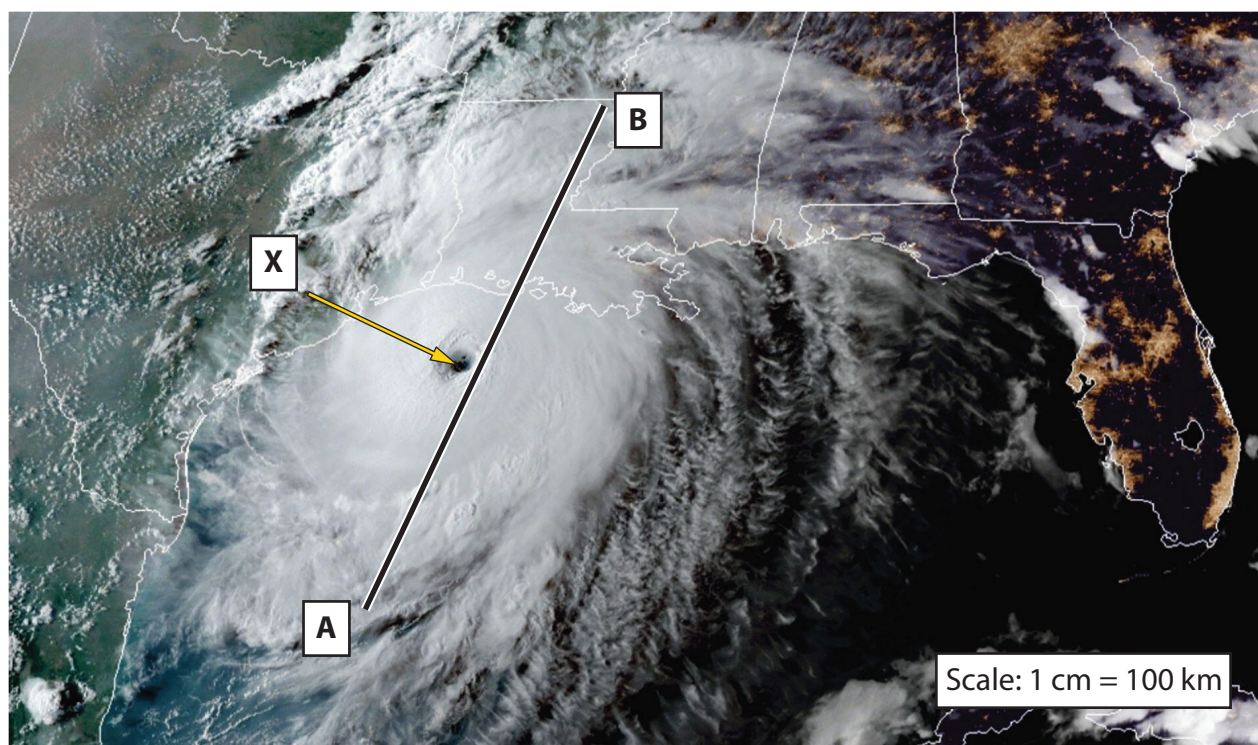


Figure 2

(i) Identify the diameter of the hurricane, shown by the line A–B, on Figure 2.

(1)

- ☐ **A** 401–500 km
- ☐ **B** 501–600 km
- ☐ **C** 601–700 km
- ☐ **D** 701–800 km

(ii) Identify the feature labelled **X** on Figure 2.

(1)

(iii) Explain **one** impact of hurricanes on coastal areas.

(2)

(iv) Explain **one** way countries can prepare for tropical cyclones, such as the hurricane shown in Figure 2.

(3)

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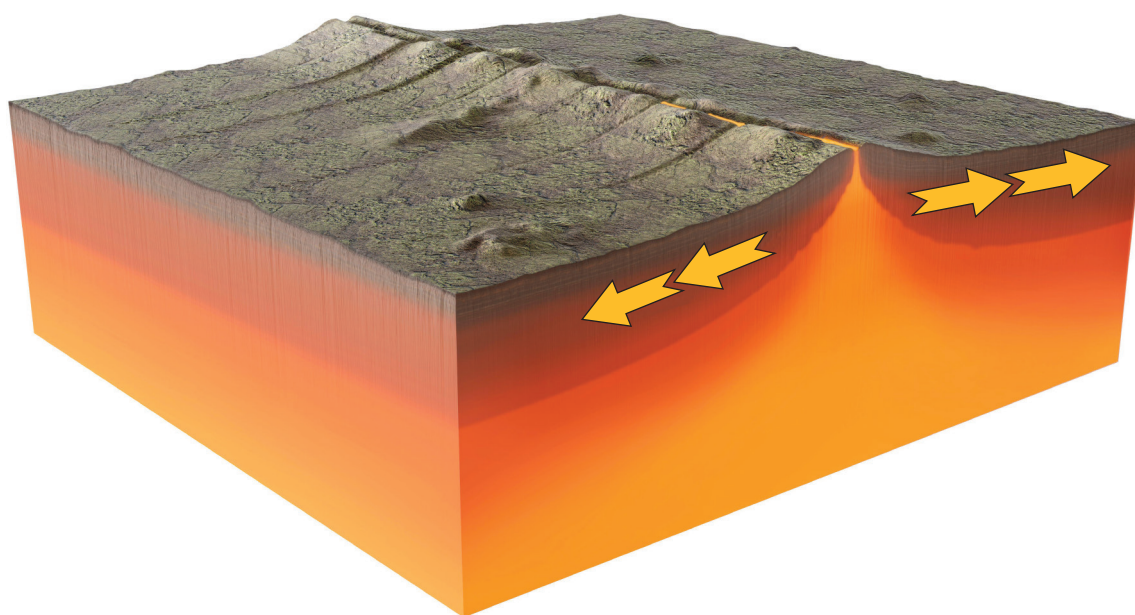
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(e) Study Figure 3 which shows a type of plate boundary.



Key

↔ Direction of plate movement

Figure 3

(i) Identify this type of plate boundary.

(1)

- ☐ **A** collision
- ☐ **B** conservative
- ☐ **C** convergent
- ☐ **D** divergent

(ii) Explain **one** reason for plate movement.

(2)

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(f) Explain **two** reasons why volcanoes have different characteristics.

(4)

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(g) You have studied the management of **either** volcanic **or** earthquake hazards.

Evaluate the effectiveness of the management of a volcanic **or** earthquake hazard in a named developed country.

(8)

Named developed country



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(Total for Question 1 = 30 marks)

TOTAL FOR SECTION A = 30 MARKS



SECTION B

Development Dynamics

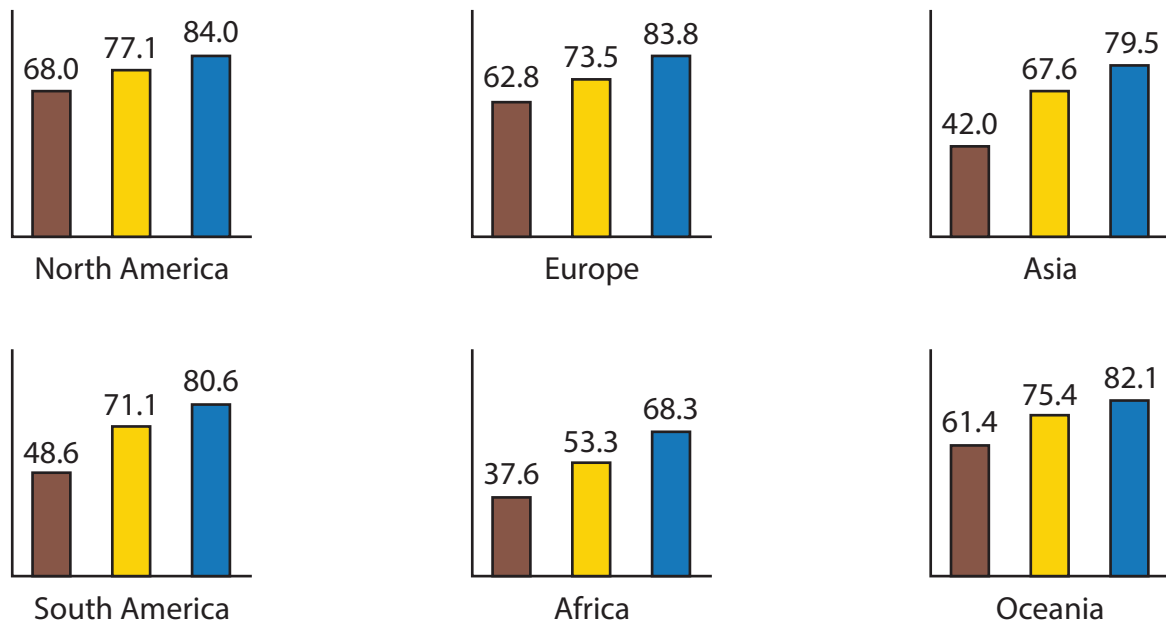
Answer ALL questions in this section.

Write your answers in the spaces provided.

Some questions must be answered with a cross in a box ☒. If you change your mind about an answer, put a line through the box ☒ and then mark your new answer with a cross ☒.

Spelling, punctuation, grammar and use of specialist terminology will be assessed in 2(f).

- 2 (a) Study Figure 4 which shows the changes to life expectancy in each continent in 1950, 2000 and 2050 (projected).



Key

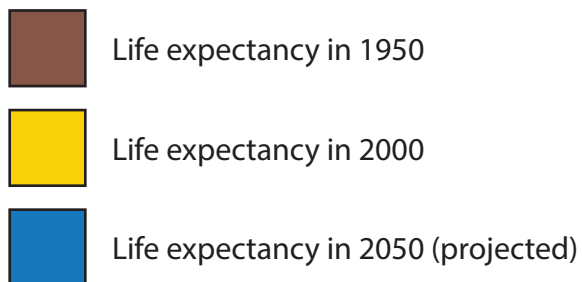


Figure 4



- (i) Identify the continent with an increase of 32 years in life expectancy between 1950 and 2050 (projected).

(1)

- ☐ **A** Africa
- ☐ **B** Asia
- ☐ **C** Europe
- ☐ **D** South America

- (ii) The data in Figure 4 includes changes to the life expectancy for Africa in 1950, 2000 and 2050, presented as a bar chart.

Describe how a line graph could be used to show the same data for Africa.

You may use a diagram to help your answer.

(2)

- (iii) Explain **one** economic reason why life expectancy has increased.

(2)

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(b) Study Figure 5a and Figure 5b which show population pyramids for China in 2000 and 2024.

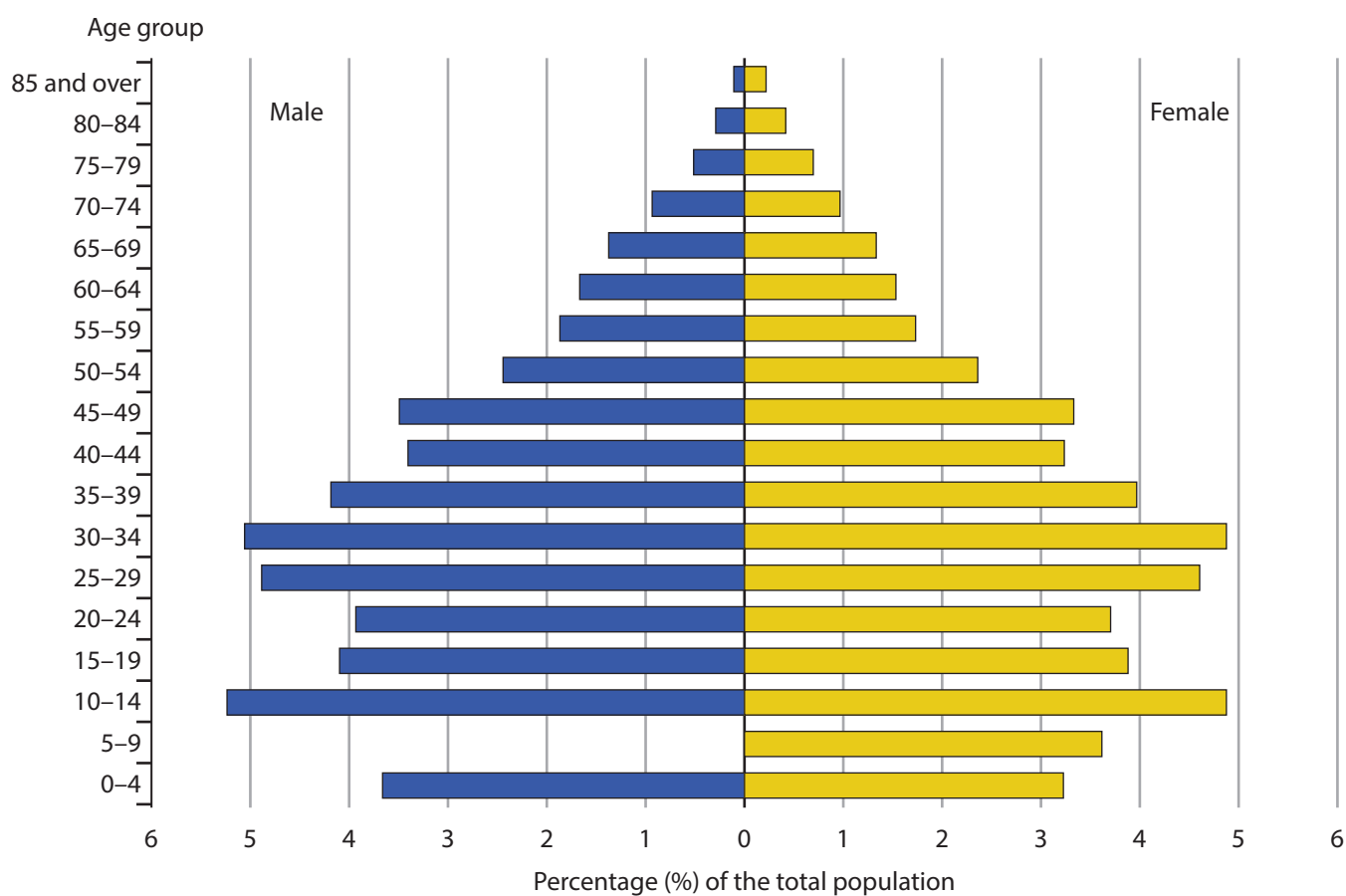


Figure 5a

Population pyramid for China in 2000



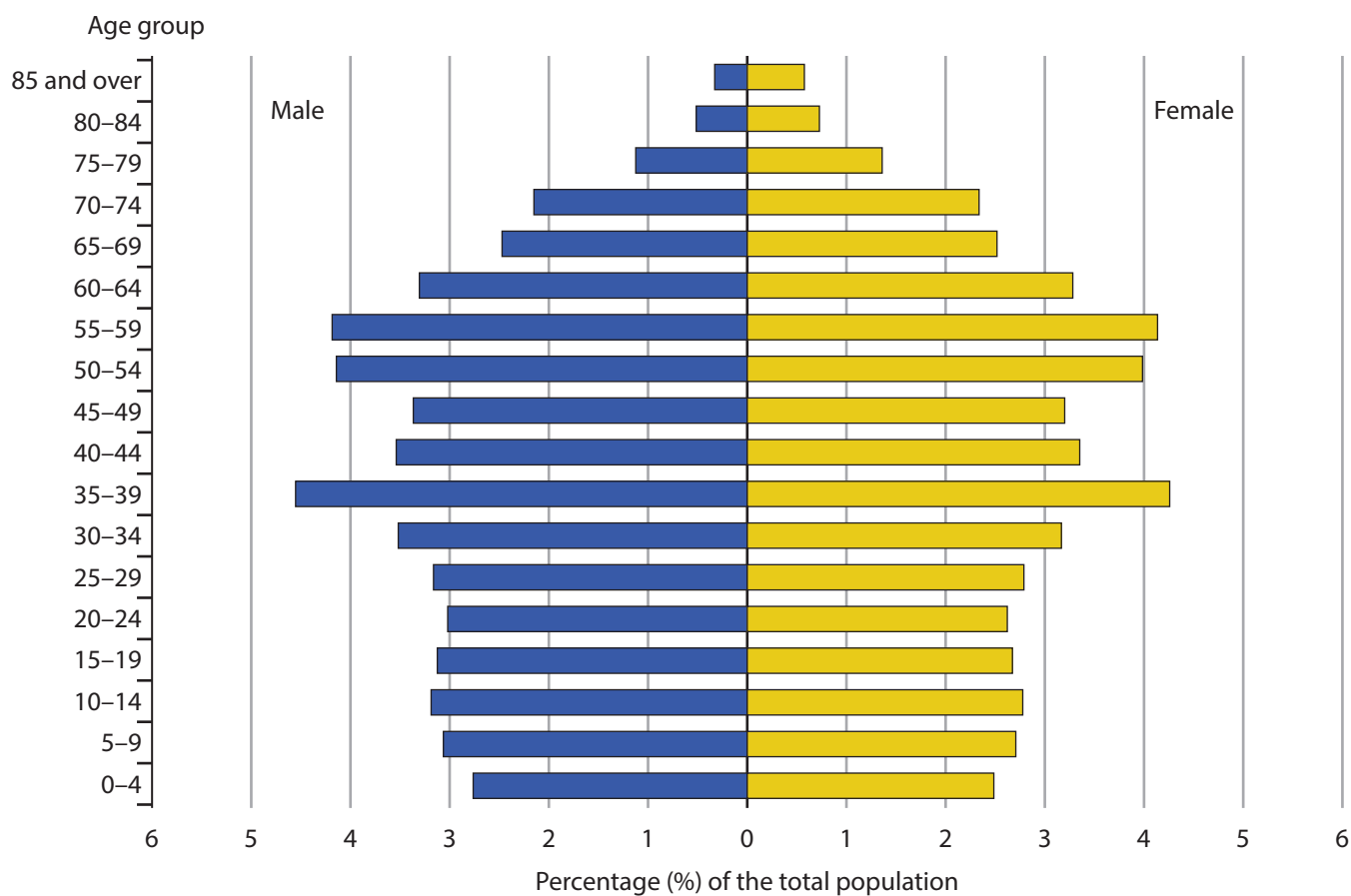


Figure 5b

Population pyramid for China in 2024

- (i) In 2000, 4% of the population in China were males aged 5–9 years.

Plot this information to complete Figure 5a.

(1)

- (ii) Suggest **one** reason for the decrease in the percentage of children (0–14 years) between 2000 and 2024.

(3)

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- (c) Study Figure 6 which shows the Gross Domestic Product (GDP) per capita and the percentage (%) of people employed in agriculture (farming) for selected countries in Africa.

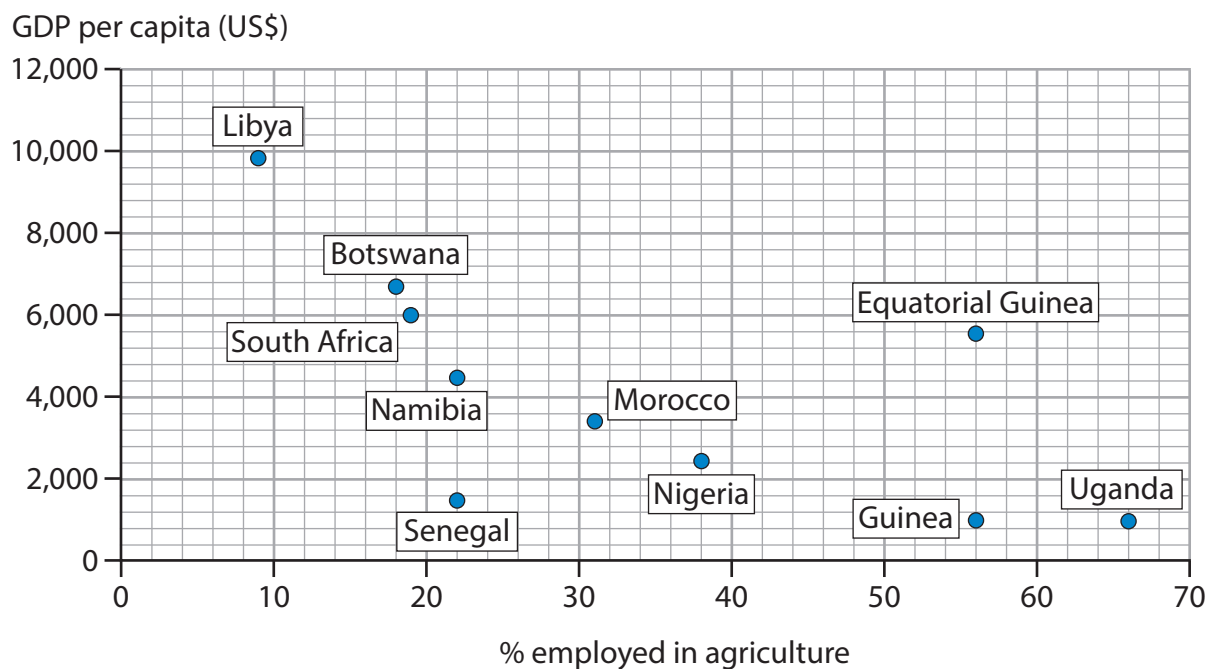


Figure 6



(i) Plot the following information for Gabon on Figure 6.

(1)

Country	GDP per capita (US\$)	% employed in agriculture
Gabon	8,000	32

(ii) Draw a **line of best fit** on Figure 6.

(1)

(iii) Describe the relationship between the % employed in agriculture and GDP per capita shown on Figure 6.

You **must** use data in your answer.

(3)

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(d) Explain **two** reasons why colonialism has led to global inequalities.

(4)

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(e) Explain **one** advantage and **one** disadvantage of investment by transnational corporations (TNCs) to increase the level of development in countries.

(4)

advantage

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disadvantage

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Named emerging country



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(Total for spelling, punctuation, grammar and use of specialist terminology = 4 marks)
(Total for Question 2 = 34 marks)

TOTAL FOR SECTION B = 34 MARKS



SECTION C**Challenges of an Urbanising World****Answer ALL questions in this section.****Write your answers in the spaces provided.**

Some questions must be answered with a cross in a box ☒. If you change your mind about an answer, put a line through the box ☒ and then mark your new answer with a cross ☒.

- 3** (a) Define the term **de-industrialisation**.

(1)

- (b) Explain **one** reason why traffic congestion is increasing in cities in developing and emerging countries.

(2)

- (c) Study Figure 7 which shows the Air Quality Index (AQI) in a megacity at hourly intervals between 10:00 pm on 20 October and 10:00 pm on 21 October.

Air Quality Index (AQI)

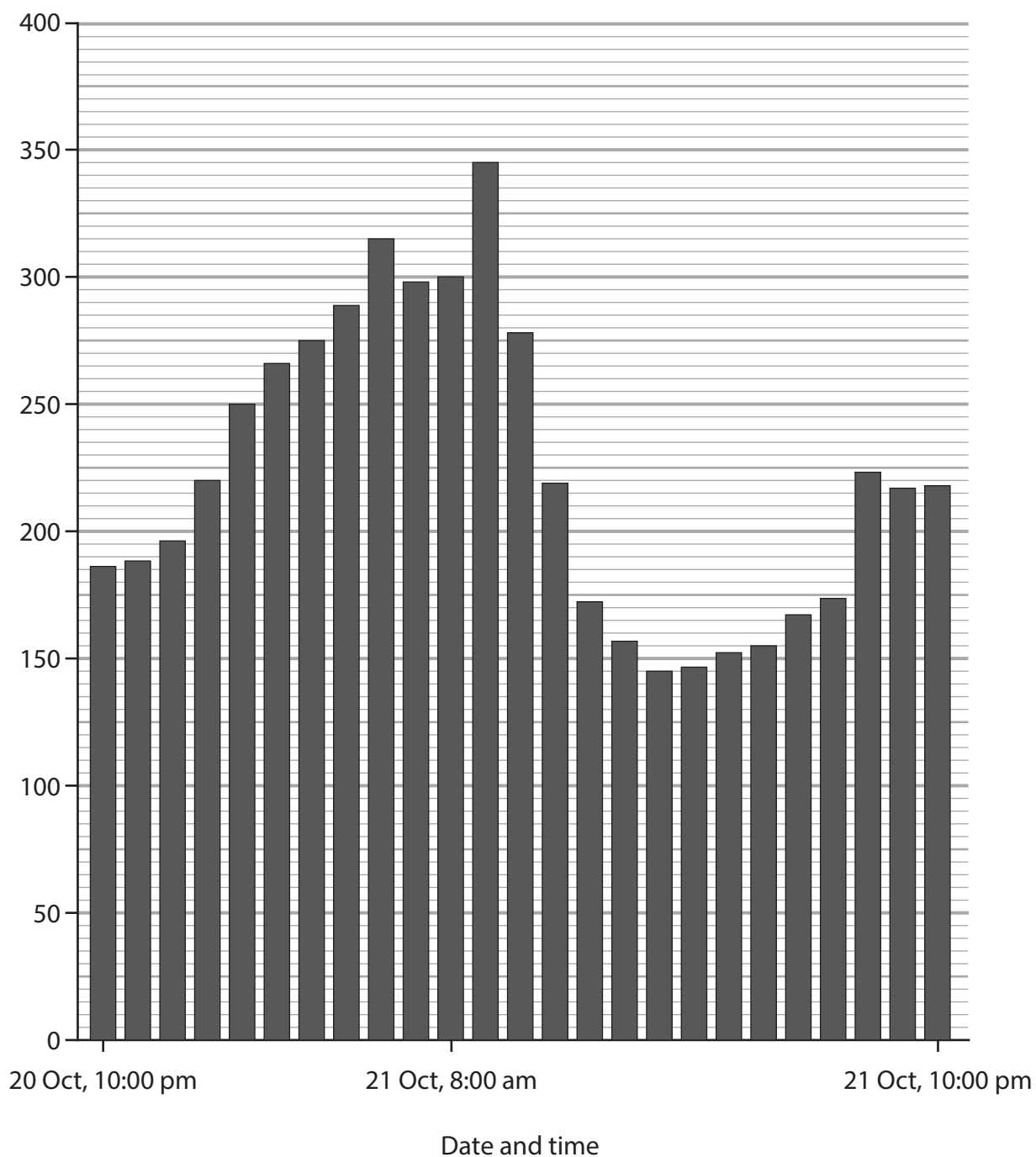


Figure 7

Air Quality Index (AQI) from 0 (no air pollution) to 400 (very high air pollution)



(i) Identify the Air Quality Index (AQI) at 8:00 am on 21 October.

(1)

☐ **A** 200

☐ **B** 250

☐ **C** 300

☐ **D** 350

(ii) Calculate the difference between the highest and the lowest Air Quality Index (AQI) shown in Figure 7.

Show your working below.

(2)

(d) Explain **one** strategy to improve air quality in megacities.

(2)

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- (e) Study Figure 8 which shows the changes in population of selected African cities in 2022 and 2050 (projected).

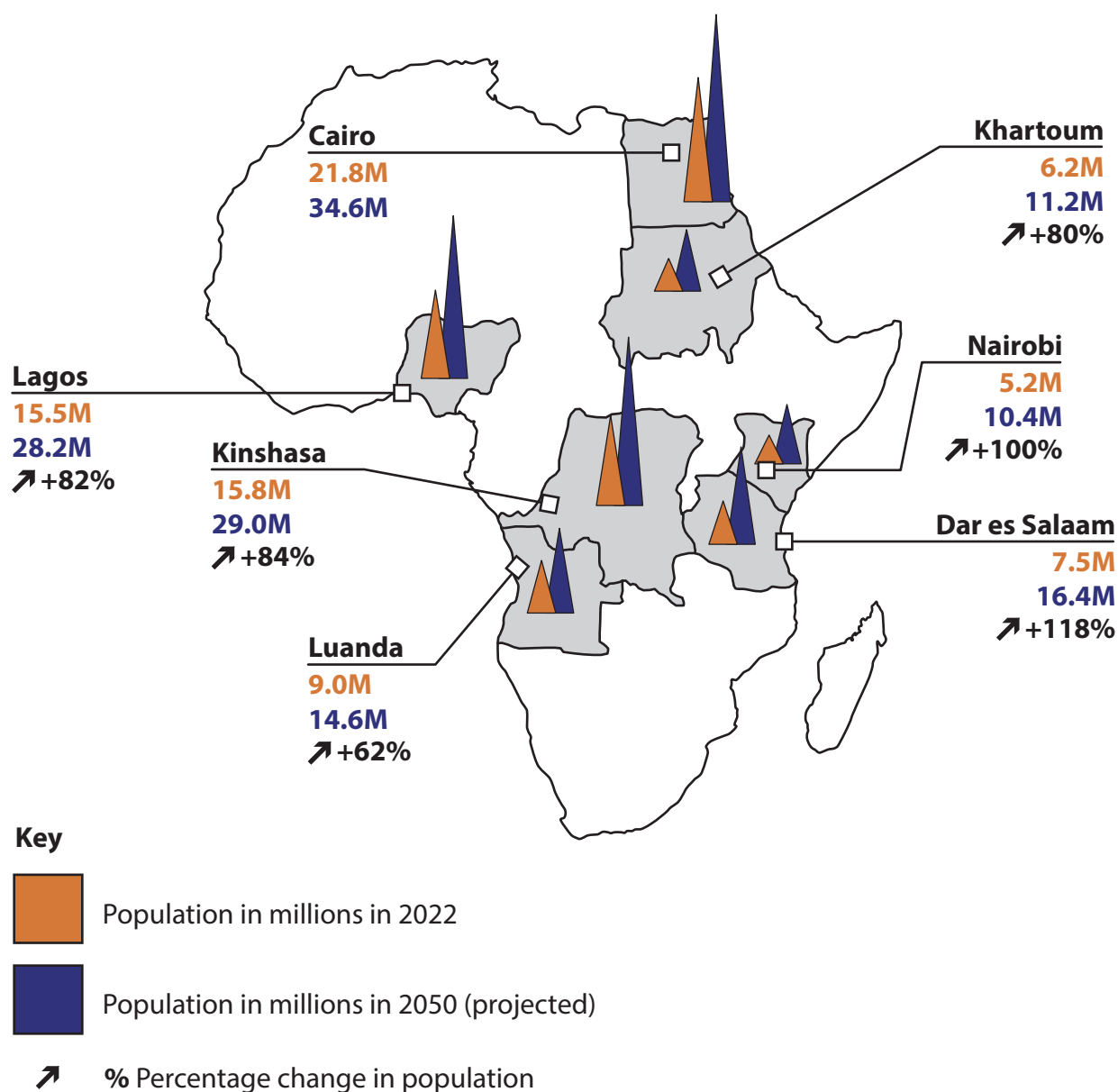


Figure 8

- (i) Identify the city where the population is projected to increase by 5.0 million between 2022 and 2050.

(1)

- ☐ A Khartoum
- ☐ B Kinshasa
- ☐ C Lagos
- ☐ D Nairobi

(ii) Calculate Cairo's projected % population increase between 2022 and 2050.

Answer to **one** decimal place.

Show your working below.

(2)

..... %

(f) Explain **two** reasons why many people migrate to megacities.

(4)

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- (g) Study Figure 9 which shows the percentage (%) of the population living in urban areas in selected South American countries in 2022.

Country	% urban population, 2022
Uruguay	95.5
Argentina	92.1
Venezuela	89.3
Chile	87.7
Brazil	87.7
Colombia	81.4
Peru	78.4
Bolivia	70.0
Suriname	66.1
Paraguay	62.2
Guyana	27.3

Figure 9

- (i) Name the South American country with the median % urban population.

(1)



- (ii) Using Figure 9, calculate the interquartile range of the % urban population of these 11 South American countries.

Answer to **one** decimal place.

Show your working below.

(2)

..... %

- (h) You have studied a megacity in **either** a developing **or** emerging country.

Explain **two** ways this megacity's location has been important for its economic development.

(4)

Named megacity

1

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- (i) You have studied a megacity in **either** a developing **or** emerging country.

Evaluate the following statement.

'Rapid population growth always results in social and environmental challenges.'

(8)

Named megacity



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(Total for Question 3 = 30 marks)

TOTAL FOR SECTION C = 30 MARKS
TOTAL FOR PAPER = 94 MARKS



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Acknowledgements

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Figure 4: adapted from www.weforum.org

Figure 8: adapted from www.statista.com

