

Paper Reference 1GB0/01
Pearson Edexcel
Level 1/Level 2 GCSE (9–1)

Total Marks

Geography B

PAPER 1: Global Geographical Issues

Time: 1 hour 30 minutes

In the boxes below, write your name, centre number and candidate number.

Surname					
Other names					
Centre Number					
Candidate Number					

X70852A

YOU MUST HAVE

Calculator

YOU WILL BE GIVEN

Diagram Booklet

INSTRUCTIONS

In Section A answer ALL questions.

Then answer EITHER Section B OR Section C.

Answer the questions in the spaces provided in this Question Paper or in the Diagram Booklet – there may be more space than you need.

Where asked you must show all your working out with your answer clearly identified at the end of your solution.

INFORMATION

The total mark for this paper is 64

**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.

There may be spare copies of some diagrams in case you need them.

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.

SECTION A

Hazardous Earth

Answer ALL questions in this section. Write your answers in the spaces provided.

Some questions are multiple choice. Write the letter(s) of your chosen answer(s) in the box(es) provided.

Spelling, punctuation, grammar and use of specialist terminology will be assessed in Question 1(f).

1. (a) Look at the table for Question 1(a) in the Diagram Booklet. It shows climate data for selected cities in Africa.

(i) Identify the city with the lowest mean annual temperature.

A Cairo

B Bamako

C Libreville

D Luanda

Answer

(1 mark)

(continued on the next page)

1. (a) continued.

(ii) Calculate the range of mean annual rainfall shown in the table in the Diagram Booklet.

(1 mark)

_____ mm

(continued on the next page)

1. continued.

(b) Explain ONE reason why some areas have high annual rainfall.

(3 marks)

(continued on the next page)

1. continued.

(c) Look at the diagram for Question 1(c) in the Diagram Booklet. It shows the location of the San Andreas fault in North America.

(i) Name the type of plate boundary shown in the diagram in the Diagram Booklet.
(1 mark)

(ii) Explain why earthquakes are common at this type of plate boundary.
(2 marks)

(continued on the next page)

Turn over

1. (c) continued.

(iii) Explain ONE reason why tectonic plates move.

(3 marks)

(continued on the next page)

1. continued.

(d) Look at the diagram for Question 1(d) in the Diagram Booklet. It shows projected changes to precipitation and temperature in selected Asian cities by 2050.

(i) Identify which city is projected to have the greatest increase in mean annual temperature by 2050.

A Rangoon

B Hiroshima

C Tehran

D Tashkent

Answer

(1 mark)

(continued on the next page)

Turn over

1. (d) continued.

(ii) Look at the diagram for Question 1(d)(ii) in the Diagram Booklet. It shows information about Hiroshima's annual precipitation in **2019** and **2050** (projected).

Calculate the projected percentage (%) decrease in Hiroshima's precipitation.

Give your answer to one decimal place.

You must show your working.
(2 marks)

_____ %

(continued on the next page)

Turn over

1. (d) continued.

(iii) Explain TWO ways in which climate change causes sea levels to rise.

(4 marks)

1 _____

2 _____

(continued on the next page)

Turn over

1. continued.

(e) Explain TWO natural causes of past climate change.

(4 marks)

1 _____

2 _____

(continued on the next page)

Turn over

1. continued.

In this question, up to four additional marks will be awarded for your spelling, punctuation, grammar and use of specialist terminology.

(f) Assess the view that coastal flooding is the main physical hazard caused by tropical cyclones.

(8 marks)

Answer lines continue on the next two pages.

1. (f) continued.

[illegible]

1. (f) continued.

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

(Total for Question 1 = 34 marks)

TOTAL FOR SECTION A = 34 MARKS

Turn over

Answer EITHER Section B OR Section C.

SECTION B

Development Dynamics

If you answer Section B mark this box

☐

Answer ALL questions in this section. Write your answers in the spaces provided.

Some questions are multiple choice. Write the letter(s) of your chosen answer(s) in the box(es) provided.

2. (a) (i) Identify which ONE of the following is a social measure of development.

A Gross Domestic Product

B life expectancy

C type of government

D Gross National Income

Answer

(1 mark)

(continued on the next page)

2. (a) continued.

(ii) Explain ONE reason why maternal mortality rates differ between countries.

(2 marks)

(continued on the next page)

2. continued.

(b) Look at the table for Question 2(b) in the Diagram Booklet. It shows the cities in India with the highest mean annual levels of air pollution (measured in $\text{PM}_{2.5}$) in 2018.

(i) Calculate the mean annual level of air pollution shown in the table.

Answer to one decimal place.

You must show your working.

(2 marks)

_____ **$\text{PM}_{2.5}$**

(continued on the next page)

Turn over

2. (b) continued.

(ii) In **2018**, the Chinese city of Sanya had a mean annual level of air pollution of **20 (PM_{2.5})**.

Calculate the ratio of the level of pollution between Sanya and Patna (**120 PM_{2.5}**).
(1 mark)

(continued on the next page)

2. continued.

(c) Explain ONE way that rapid economic development has a positive impact on the environment.

(2 marks)

(continued on the next page)

2. continued.

(d) Look at the table for Question 2(d) in the Diagram Booklet. It shows the Gross Domestic Product (GDP) of five emerging countries in 1990 and 2019.

All figures are in trillions of US dollars (US\$).

(i) Calculate the increase in China's GDP between 1990 and 2019.
(1 mark)

_____ trillion US\$.

(continued on the next page)

Turn over

2. (d) continued.

(ii) Describe another data presentation technique that could be used to show the changes in GDP shown in the table.

You may use a diagram in your answer.

(2 marks)

Answer space continues on the next page.

2. (d) (ii) continued.

(continued on the next page)

Turn over

2. continued.

(e) Explain ONE way advances in communications have helped the economic development of a named emerging country.

(3 marks)

Named emerging country:

(continued on the next page)

2. continued.

(f) Look at the diagram and the table for Question 2(f) in the Diagram Booklet. They show the population pyramid for South Sudan, a developing country in Africa.

(i) Identify which ONE of the following is the modal age group in South Sudan.

A 90–94

B 45–49

C 15–19

D 0–4

Answer

(1 mark)

(continued on the next page)

Turn over

2. (f) continued.

(ii) Suggest ONE way the diagram and the table provide evidence that South Sudan is a developing country.

(3 marks)

(continued on the next page)

2. continued.

(g) Explain TWO ways that the location of an emerging country you have studied has influenced its development.

(4 marks)

Answer lines continue on the next page.

Named emerging country:

1

2

2. (g) continued.

(continued on the next page)

2. continued.

(h) Evaluate the importance of historical factors (colonialism and neo-colonialism) in the growth of global inequalities.

(8 marks)

Answer lines continue on the next two pages.

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2. (h) continued.

[illegible]

Turn over

2. (h) continued.

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(Total for Question 2 = 30 marks)

TOTAL FOR SECTION B = 30 MARKS

Do not answer Section C if you have answered Section B.

SECTION C

Challenges of an Urbanising World

If you answer Section C mark this box

☐

Answer ALL questions in this section. Write your answers in the spaces provided.

Some questions are multiple choice. Write the letter(s) of your chosen answer(s) in the box(es) provided.

3. (a) Look at the diagram for Question 3(a) in the Diagram Booklet. It shows the share of the world's urban population by region in 1950, 2010 and the projected share in 2050.

- (i) Identify the region with the largest share of the world's urban population in 2010.
(1 mark)

(continued on the next page)

3. (a) continued.

(ii) Calculate the projected decrease in Europe's percentage (%) share of the world's urban population between 1950 and 2050.

(1 mark)

_____ %

(continued on the next page)

3. (a) continued.

(iii) In **2050**, globally there are forecast to be **6·5 billion** people living in urban areas.

Calculate the number of people forecast to be living in urban areas in Africa in **2050**.

You must show your working.

(2 marks)

_____ billion

(continued on the next page)

Turn over

3. continued.

(b) Explain ONE reason why the population has fallen in some urban areas.

(2 marks)

(continued on the next page)

3. continued.

(c) Look at the diagram for Question 3(c) in the Diagram Booklet. It is a pie chart showing the origin of international migrants living in Doha, the capital city of Qatar, in 2020.

Plot the data from the table below to complete the pie chart in the Diagram Booklet.

(3 marks)

Country of origin of migrants	Percentage (%) of total migrants in Qatar, in 2020
Nepal	15
India	25
Pakistan	20

(continued on the next page)

3. continued.

(d) Explain ONE impact of regeneration on the number of people living in urban areas.

(2 marks)

(continued on the next page)

3. continued.

(e) Look at the diagram for Question 3(e) in the Diagram Booklet. It shows the percentage of a country's population living in the capital city, and the city's contribution to national GDP.

(i) Identify the city which makes the largest % contribution to GDP.

A Copenhagen

B Seoul

C Ottawa

D Athens

Answer

(1 mark)

(continued on the next page)

Turn over

3. (e) continued.

(ii) Describe the relationship shown in the diagram in the Diagram Booklet. Use numeric data in your answer.

(3 marks)

(continued on the next page)

3. continued.

(f) Identify which ONE of the following best describes urban primacy.

- A** where the population of a city is growing rapidly
- B** a city which has experienced deindustrialisation
- C** a city with a very large economic and political influence
- D** when the city has a very large tertiary sector

Answer

(1 mark)

(continued on the next page)

3. continued.

(g) Explain ONE difference between formal and informal employment.

(2 marks)

(continued on the next page)

3. continued.

(h) Explain TWO advantages of bottom–up strategies in a named megacity in a developing or emerging country.

(4 marks)

Answer lines continue on the next page.

Named megacity:

1

2

Turn over

3. (h) continued.

(continued on the next page)

3. continued.

- (i) For a named megacity in a developing or emerging country, assess the reasons for past and present trends in population growth.**

(8 marks)

Answer lines continue on the next two pages.

Named megacity:

3. (i) continued.

[illegible]

3. (i) continued.

[illegible]

(Total for Question 3 = 30 marks)

TOTAL FOR SECTION C = 30 MARKS

TOTAL FOR PAPER = 64 MARKS

END OF PAPER