

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

Total Marks

Geography B
PAPER 1: Global Geographical
Issues

Friday 17 May 2024 – Afternoon

Time: 1 hour 30 minutes

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

Surname					
Other names					
Centre Number					
Candidate Number					

YOU MUST HAVE

Calculator

YOU WILL BE GIVEN

Diagram Booklet

INSTRUCTIONS

Answer ALL questions.

Answer the questions in the spaces provided in this Question Paper or on the separate diagrams – 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.

Turn over

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.

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

Turn over

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

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.

Turn over

- 1. Study Figure 1a and Figure 1b in the Diagram Booklet. Figure 1a shows a climate graph for Kuala Lumpur, Malaysia located at 3°N of the equator. Figure 1b shows the climate data for Kuala Lumpur.**

- (a) (i) Use Figure 1b to complete Figure 1a by plotting the mean monthly rainfall for April in Kuala Lumpur.
(1 mark)**

(continued on the next page)

Turn over

1. (a) continued.

(ii) Identify when mean monthly rainfall is at its highest.

A June

B August

C September

D November

Answer

(1 mark)

(continued on the next page)

Turn over

1. (a) continued.

(iii) Calculate the range in mean monthly temperature.

(1 mark)

_____°C

(continued on the next page)

Turn over

1. continued.

**(b) Explain ONE reason why
temperatures are higher at the
equator than at the poles.**

(2 marks)

(continued on the next page)

Turn over

1. continued.

**(c) Explain ONE reason why
volcanic activity can cause
climate change.**

(2 marks)

(continued on the next page)

Turn over

1. continued.

(d) Study Figure 2 in the Diagram Booklet which shows the number of deaths (to the nearest thousand) caused by five earthquakes in Asia, between 2001 and 2015.

(i) The total number of deaths was 157,000.

Calculate the mean number of deaths shown in Figure 2.

(1 mark)

Answer space is on the next page.

Turn over

1. (d) (i) continued.

Mean number of deaths =

(continued on the next page)

Turn over

1. (d) continued.

(ii) Explain ONE reason why earthquakes are common at convergent plate boundaries.
(2 marks)

(continued on the next page)

Turn over

1. continued.

**(e) You have studied the
management of either volcanic
OR earthquake hazards.**

**Explain ONE way long-term
planning can reduce the loss of
life.**

(3 marks)

**Answer lines continue on the
next page.**

**Chosen tectonic hazard (volcano or
earthquake)**

Turn over

1. (e) continued.

(continued on the next page)

Turn over

1. continued.

**(f) Study Figure 3 in the
Diagram Booklet which shows
the total number of hurricanes
(tropical cyclones) which
reached the United States in each
month between 1851–2018.**

(continued on the next page)

Turn over

1. (f) continued.

(i) Identify which two month period has experienced the largest number of hurricanes.

A July and August

B August and September

C September and October

D October and November

Answer

(1 mark)

(continued on the next page)

Turn over

1. (f) continued.

(ii) Between 1851 and 2018,
a total of 294 hurricanes
reached the United States.

Calculate the percentage
of hurricanes which were
recorded in September.

Give your answer to one
decimal place.

You MUST show your
working.

(2 marks)

Answer space is on the next
page.

Turn over

1. (f) (ii) continued.

_____ %

(continued on the next page)

Turn over

1. (f) continued.

(iii) Explain ONE reason why the number of hurricanes varies during the year.

(2 marks)

(continued on the next page)

Turn over

1. continued.

(g) Explain TWO reasons why some countries are more vulnerable than others to the impacts of tropical cyclones (hurricanes and typhoons).

(4 marks)

Answer lines continue on the next page.

1

Turn over

1. (g) continued.

2

(continued on the next page)

1. continued.

**(h) Global climate is now changing
as a result of human activity.**

**Evaluate the view that it
is difficult to predict the
consequences of global climate
change.**

(8 marks)

**Answer lines continue on the
next four pages.**

Turn over

1. (h) continued.

Turn over

1. (h) continued.

Turn over

1. (h) continued.

Turn over

1. (h) continued.

(Total for Question 1 = 30 marks)

TOTAL FOR SECTION A = 30 MARKS

Turn over

SECTION B

Development Dynamics

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 the use of specialist terminology will be assessed in 2(h).

Turn over

2. (a) Identify which TWO of the following are historical factors that influence global inequality.

A high rainfall

B colonialism

C relief

D low temperatures

E neo-colonialism

Answers

(2 marks)

(continued on the next page)

Turn over

2. continued.

**(b) State ONE economic measure
used in the Human Development
Index (HDI).**

(1 mark)

(continued on the next page)

Turn over

2. continued.

**(c) Explain ONE disadvantage
of top–down development
strategies.**

(2 marks)

(continued on the next page)

Turn over

2. continued.

**(d) Study Figure 4 in the
Diagram Booklet which shows
data for the mean years of
schooling and the fertility rate in
selected countries in Africa.**

(continued on the next page)

Turn over

2. (d) continued.

(i) Plot the data for Mali and Mauritius on Figure 4 using the information in the table below.

(2 marks)

Country	Mean years of schooling	Fertility rate
Mali	2	6
Mauritius	10	1.5

(continued on the next page)

Turn over

2. (d) continued.

(ii) Identify the number of countries with over 12 mean years of schooling.

A 1

B 2

C 5

D 7

Answer

(1 mark)

(continued on the next page)

Turn over

2. (d) continued.

(iii) Figure 4 shows that countries with more years of schooling usually have lower fertility rates.

Explain ONE reason for this relationship.

(2 marks)

(continued on the next page)

Turn over

2. continued.

**(e) Study Figure 5 in the
Diagram Booklet which shows
the five stages of Rostow's
model.**

**Identify which TWO of the
following statements best
describe stage 5 of Rostow's
model.**

**Select TWO answers from the
options provided on the following
page.**

Turn over

2. (e) continued.

- A Levels of savings and investment are at their highest**
- B Most people are employed in subsistence farming**
- C Industries mass produce consumer goods for a wealthy population**
- D Manufacturing industry begins to develop**
- E Science and technology begin to develop**

Answers

(2 marks)

(continued on the next page)

Turn over

2. continued.

(f) Explain ONE way in which Frank's dependency theory can be used to understand why some countries develop over time.

(3 marks)

Answer lines continue on the next page.

Turn over

2. (f) continued.

(continued on the next page)

Turn over

2. continued.

**(g) Study Figure 6 in the
Diagram Booklet. It is a pie
chart showing the destination of
exports from Chile in 2020.**

(continued on the next page)

Turn over

2. (g) continued.

(i) Complete Figure 6 by using the information in the table below.

(3 marks)

Destination	Percentage (%) of exported goods
Japan	10
USA	15
China	35

(continued on the next page)

Turn over

2. (g) continued.

**(ii) You have studied how
an emerging country is
developing.**

**Explain TWO ways
globalisation has affected its
trade (imports and exports).
(4 marks)**

**Answer lines continue on the
next page.**

Named emerging country

Turn over

2. (g) (ii) continued.

1

2

(continued on the next page)

Turn over

2. continued.

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

(h) You have studied how an emerging country is managing to develop.

(continued on the next page)

Turn over

2. (h) continued.

Assess the reasons why there are differences in the level of development WITHIN this country.

(8 marks)

Answer lines continue on the next four pages.

Named emerging country

Turn over

2. (h) continued.

Turn over

2. (h) continued.

Turn over

2. (h) continued.

Turn over

2. (h) continued.

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

(Total for Question 2 = 34 marks)

TOTAL FOR SECTION B = 34 MARKS

Turn over

SECTION C

Challenges of an urbanising world

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.

Turn over

- 3. Study Figure 7 in the Diagram Booklet which shows the population for selected cities in Asia in 2010 and their projected population in 2025.**

(continued on the next page)

3. continued.

(a) (i) Identify which ONE of the following cities is projected to have a population increase of over 12 million between 2010 and 2025.

A Beijing

B Jakarta

C Manila

D New Delhi

Answer

(1 mark)

(continued on the next page)

Turn over

3. (a) continued.

(ii) Identify which city was NOT a megacity in 2010.

(1 mark)

(continued on the next page)

Turn over

3. (a) continued.

(iii) Calculate the projected percentage growth in the population of Manila between 2010 and 2025.

Give your answer to one decimal place.

You MUST show your working.

(2 marks)

Answer space continues on the next page.

Turn over

3. (a) (iii) continued.

_____ %

(continued on the next page)

Turn over

3. (a) continued.

(iv) A table has been used to present the city population data in Figure 7.

Describe another presentation method which could be used to display this data.

(continued on the next page)

Turn over

3. (a) (iv) continued.

You may use a diagram.

**There is space on page 12 in
the Diagram Booklet if you
wish to use it.**

(2 marks)

(continued on the next page)

Turn over

3. continued.

(b) Explain ONE reason for the rapid growth of cities in many developing and emerging countries.

(2 marks)

(continued on the next page)

Turn over

3. continued.

(c) Explain TWO reasons why the population of some cities falls over time.

(4 marks)

Answer lines continue on the next page.

1

Turn over

3. (c) continued.

2

(continued on the next page)

Turn over

3. continued.

**(d) Study Figure 8 in the
Diagram Booklet which shows
the percentage (%) of the
population living in urban areas
in South American countries, in
1980, 2000 and 2020.**

(continued on the next page)

Turn over

3. (d) continued.

(i) Identify the % of Brazil's urban population in 1980.

A 45%

B 55%

C 65%

D 75%

Answer

(1 mark)

(continued on the next page)

Turn over

3. (d) continued.

(ii) Compare the changes in the percentage of people living in the urban areas of Bolivia and Guyana between 1980 and 2020.

You MUST use data in your answer.

(3 marks)

Answer lines continue on the next page.

Turn over

3. (d) (ii) continued.

(continued on the next page)

Turn over

3. continued.

**(e) Study Figure 9 in the
Diagram Booklet which shows
two contrasting residential areas
in Dar es Salaam, Tanzania.**

**(i) Using Figure 9 identify
ONE piece of evidence that
people living in Area B enjoy
a higher quality of life than
people living in Area A.
(1 mark)**

(continued on the next page)

Turn over

3. (e) continued.

(ii) In 1995, the population of Dar es Salaam was 1·8 million. In 2022, the population was 7·2 million.

Calculate the ratio of this population change.

(1 mark)

(continued on the next page)

Turn over

3. continued.

(f) For a named megacity in EITHER an emerging OR developing country, explain TWO ways its location has influenced its growth.

(4 marks)

Answer lines continue on the next page.

Named megacity

Turn over

3. (f) continued.

1

2

(continued on the next page)

Turn over

3. continued.

(g) Many megacities are experiencing rapid population growth.

For a named megacity, assess the social and environmental challenges caused by rapid population growth for people living in this city.

(8 marks)

Answer lines are on the next five pages.

Turn over

3. (g) continued.

Named megacity

Turn over

3. (g) continued.

Turn over

3. (g) continued.

Turn over

3. (g) continued.

Turn over

3. (g) continued.

(Total for Question 3 = 30 marks)

TOTAL FOR SECTION C = 30 MARKS

TOTAL FOR PAPER = 94 MARKS

END OF PAPER
