

Paper Reference 1GB0/03
Pearson Edexcel
Level 1/Level 2 GCSE (9–1)

Total Marks

Geography B
PAPER 3: People and
Environmental Issues
Making Geographical Decisions

Friday 14 June 2024 – Morning

Time: 1 hour 30 minutes

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

Surname					
Other names					
Centre Number					
Candidate Number					

Y75523A

YOU MUST HAVE

Calculator, ruler

YOU WILL BE GIVEN

Resource Booklet

INSTRUCTIONS

Answer ALL questions.

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

Turn over

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.

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

People and the Biosphere

Answer ALL questions. 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. Use Section A (pages 4 to 10) in the Resource Booklet to answer this question.**

(a) Study Figure 1.

- (i) Identify the geographical region where capital city Quito is located.
(1 mark)**

(continued on the next page)

Turn over

1. (a) continued.

(ii) Identify the best estimate of the area of the rainforest region in Figure 1.

A 7,500,000 km²

B 750,000 km²

C 75,000 km²

D 7,500 km²

Answer

(1 mark)

(continued on the next page)

Turn over

1. (a) continued.

(iii) Using Figure 1 and your own knowledge, explain ONE physical reason why rainforest cannot grow in some parts of Ecuador.
(2 marks)

(continued on the next page)

Turn over

1. continued.

(b) Study Figure 2.

(i) Identify the year when the area of tropical forest loss was largest.

A 2001

B 2010

C 2013

D 2016

Answer

(1 mark)

(continued on the next page)

Turn over

1. (b) continued.

(ii) Using Figure 2 and your own knowledge, suggest TWO reasons why the distribution of Earth's biomes is changing over time.

(4 marks)

Answer lines continue on the next page.

1

Turn over

10

1. (b) (ii) continued.

2

(Total for Question 1 = 9 marks)

TOTAL FOR SECTION A = 9 MARKS

Turn over

SECTION B**Forests Under Threat**

Answer ALL questions. 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

- 2. Use Section B (pages 11 and 12) in the Resource Booklet to answer this question.**

(continued on the next page)

2. continued.

(a) Study Figure 3.

(i) Using information in Figure 3, calculate the TOTAL estimated value of the oil located below Ecuador's rainforest.

(1 mark)

_____ **US\$ billion**

(continued on the next page)

Turn over

2. (a) continued.

(ii) Using your own knowledge, identify ONE climate characteristic of tropical rainforest areas.

A The rainfall is low throughout the year.

B The rainfall is much higher in summer.

C The temperature is much lower in summer.

D The temperature is high throughout the year.

Answer

(1 mark)

(continued on the next page)

Turn over

2. continued.

(b) Study Figure 4.

(i) Calculate the total percentage (%) of countries who are NOT REDD members.

(1 mark)

_____ %

(continued on the next page)

Turn over

2. (b) continued.

(ii) Figure 4 mentions CITES.

Identify the main purpose of CITES.

- A Preventing trade of endangered plant and animal species.**
- B Preserving the culture of rainforest communities.**
- C Funding education about sustainable development.**
- D Supporting tropical rainforest research projects.**

Answer

(1 mark)

(continued on the next page)

Turn over

2. continued.

**(c) Using Figure 3 and Figure 4,
explain ONE strength and
ONE weakness of global actions
to protect rainforests.**

(4 marks)

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

Strength

Turn over

2. (c) continued.

Weakness

(Total for Question 2 = 8 marks)

TOTAL FOR SECTION B = 8 MARKS

Turn over

SECTION C

Consuming Energy Resources

Answer ALL questions. 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. Use Section C (pages 13 to 22) in the Resource Booklet to answer this question.**

(a) Study Figure 5.

(i) Identify Ecuador's most valuable export.

(1 mark)

(continued on the next page)

Turn over

3. (a) continued.

(ii) Figure 5 provides information about Ecuador's population size and population growth rate in 2021.

Calculate the size of Ecuador's population in millions in 2022.

A 18·00

B 18·25

C 18·75

D 19·40

Answer

(1 mark)

(continued on the next page)

Turn over

3. continued.

(b) Study Figure 6.

**(i) Identify ONE physical cause
of reduced economic growth
in Ecuador.**

(1 mark)

(continued on the next page)

Turn over

3. (b) continued.

(ii) Using Figures 5 and 6,
suggest TWO reasons why
Ecuador's consumption of
energy has grown at a faster
rate than its population.

(4 marks)

Answer lines continue on the
next page.

1

Turn over

3. (b) (ii) continued.

2

(continued on the next page)

Turn over

3. continued.

(c) Figure 7 shows how oil production can have a negative impact on the environment.

Using your own knowledge, explain TWO ways in which RENEWABLE energy production can also have a negative impact on the environment.

(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) Using evidence from
Figures 7 and 8, assess the
threats to Yasuní National Park
(YNP) and its communities.**

(8 marks)

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

Turn over

3. (d) continued.

Turn over

3. (d) continued.

Turn over

3. (d) continued.

Turn over

3. (d) continued.

(continued on the next page)

Turn over

3. continued.

(e) Study Figure 9.

**Identify TWO actions taken by
rainforest communities to protect
their land.**

(2 marks)

1

2

(continued on the next page)

Turn over

3. continued.

(f) Study Figure 10.

**(i) Figure 10 mentions
unconventional fossil fuels.**

**Using your own knowledge,
name TWO unconventional
fossil fuel sources.
(2 marks)**

1 _____

2 _____

(continued on the next page)

Turn over

3. (f) continued.

**(ii) Using evidence from
Figure 10, assess which
countries are most and
least responsible for carbon
dioxide emissions over time.**

(8 marks)

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

Turn over

3. (f) (ii) continued.

Turn over

3. (f) (ii) continued.

Turn over

3. (f) (ii) continued.

Turn over

3. (f) (ii) continued.

(Total for Question 3 = 31 marks)

TOTAL FOR SECTION C = 31 MARKS

Turn over

SECTION D

Making a Geographical Decision

Answer Question 4. Write your answers in the space provided.

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

Turn over

4. **Study the three options below and on the next page for Ecuador's government.**

OPTION 1: Ask foreign governments again if they will pay to stop oil production and save the rainforest in Ecuador.

OPTION 2: Allow all of Ecuador's oil resources to be used carefully, provided the profits are shared with rainforest communities.

(continued on the next page)

Turn over

4. continued.

OPTION 3: Gradually shut down Ecuador's oil industry, starting with any drilling in national parks and populated rainforest areas.

Select the option you think offers the best long-term future for all of Ecuador's people.

Justify your choice.

(continued on the next page)

Turn over

4. continued.

Use information from the Resource Booklet and knowledge and understanding from the rest of your geography course to support your answer.

(12 marks)

Answer lines continue on the next fourteen pages.

CHOSEN OPTION

Turn over

4. continued.

Turn over

4. continued.

Turn over

4. continued.

Turn over

4. continued.

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4. continued.

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4. continued.

Turn over

4. continued.

Turn over

4. continued.

**(Spelling, punctuation, grammar and use
of specialist terminology = 4 marks)**

(Total for Question 4 = 16 marks)

TOTAL FOR SECTION D = 16 MARKS

TOTAL FOR PAPER = 64 MARKS

END OF PAPER
