

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

<b>Total Marks</b>
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**Geography B**  
**PAPER 3: People and**  
**Environmental Issues**  
**Making Geographical Decisions**

**Time: 1 hour 30 minutes**

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

<b>Surname</b>					
<b>Other names</b>					
<b>Centre Number</b>					
<b>Candidate Number</b>					

**YOU MUST HAVE**  
**Calculator**

**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.**

- 1. Use Section A (pages 4–9) of the Resource Booklet before answering this question.**

**(a) Study Figure 1.**

**Identify the year when Ghana's population reached 20 million.**

**(1 mark)**

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**(continued on the next page)**

**1. continued.**

**(b) More resources are needed when a country's population increases in size.**

**Using your own knowledge, state ONE OTHER reason why the demand for resources may grow over time.**

**(1 mark)**

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**(continued on the next page)**

**Turn over**

**1. continued.**

**(c) Ghana's population is predicted to double in size between 2020 and 2050.**

**Explain ONE way in which the graph in Figure 1 supports this prediction.**

**Use data from Figure 1 in your answer.**

**(2 marks)**

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

**1. (c) continued.**

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**(continued on the next page)**



**1. continued.**

**(d) Study Figure 2 in the  
Resource Booklet.**

**Using Figure 2, identify  
TWO ways in which mining leads  
to vegetation loss.**

**(2 marks)**

**1** \_\_\_\_\_

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\_\_\_\_\_

**2** \_\_\_\_\_

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**(continued on the next page)**

**Turn over**

**1. continued.**

**(e) Using your own knowledge,  
explain ONE way in which soil  
can be damaged by the loss of  
vegetation.**

**(2 marks)**

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**(Total for Question 1 = 8 marks)**

**TOTAL FOR SECTION A = 8 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.**

**2. Use Section B (pages 10–11) in the Resource Booklet to answer this question.**

**(a) Study Figure 3.**

**(continued on the next page)**

**2. (a) continued.**

**(i) Identify when the greatest increase in precipitation occurs.**

**A between April and May**

**B between May and June**

**C between August and September**

**D between September and October**

**Answer**

**(1 mark)**

**(continued on the next page)**

**Turn over**

**2. (a) continued.**

**(ii) Identify the MODAL amount  
of monthly precipitation.**

**(1 mark)**

\_\_\_\_\_ **mm**

**(continued on the next page)**

**2. continued.**

**(b) Using your own knowledge, identify TWO ways in which plants in tropical rainforests are adapted to the climate.**

**A drip-tip leaves**

**B cone-shaped trees**

**C low biodiversity**

**D needle-shaped leaves**

**E buttress roots**

**Answer**

**(2 marks)**

**(continued on the next page)**

**Turn over**

**2. continued.**

**(c) Study Figure 4 in the  
Resource Booklet.**

**Explain TWO ways in which  
the changes shown in Figure 4  
may lead to the loss of tropical  
rainforest animals.**

**(4 marks)**

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

1 \_\_\_\_\_

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**Turn over**



**2. (c) continued.**

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**2**

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**(Total for Question 2 = 8 marks)**

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**TOTAL FOR SECTION B = 8 MARKS**

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**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.**

**3. Use Section C (pages 13–29) in the Resource Booklet to answer this question.**

**(a) Study Figure 5.**

**(i) Identify Ghana's most valuable export in 2019.  
(1 mark)**

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**(continued on the next page)**

**3. (a) continued.**

**(ii) Identify how you would work out the percentage increase in GDP per capita from 2010 to 2019.**

**Select ONE answer from the options on the next page and write the letter in the box provided.**

**(continued on the next page)**

3. (a) (ii) continued.

$$\text{A} \quad \frac{3100 + 5194}{3100} \times 100$$

$$\text{B} \quad \frac{3100 + 5194}{5194} \times 100$$

$$\text{C} \quad \frac{5194 - 3100}{3100} \times 100$$

$$\text{D} \quad \frac{5194 - 3100}{5194} \times 100$$

Answer

(1 mark)

(continued on the next page)

Turn over

**3. continued.**

**(b) Study Figure 6 in the  
Resource Booklet.**

**Identify which country started oil  
production first.**

**(1 mark)**

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**(continued on the next page)**

**Turn over**

**3. continued.**

**(c) Study Figures 5 and 6 in the Resource Booklet.**

**Using evidence from Figures 5 and 6, explain TWO ways in which Ghana's economy might be affected by the development of new oil resources.**

**(4 marks)**

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

**1**

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**Turn over**

3. (c) continued.

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(continued on the next page)



**3. continued.**

**(d) Study Figure 7 in the  
Resource Booklet.**

**Identify the distance between  
Axim and the centre of the  
Jubilee Field.**

**A 70 km**

**B 100 km**

**C 170 km**

**D 1000 km**

**Answer**

**(1 mark)**

**(continued on the next page)**

**Turn over**

**3. continued.**

**(e) Using your own knowledge,  
explain ONE PHYSICAL and  
ONE ECONOMIC reason why oil  
resources can only be developed  
in certain places.**

**(4 marks)**

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

**Physical reason**

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**Turn over**

3. (e) continued.

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**Economic reason**

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**(continued on the next page)**

**Turn over**

**3. continued.**

**(f) Study Figure 8 in the  
Resource Booklet.**

**Assess the similarities and  
differences between the  
two views.**

**(8 marks)**

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

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**Turn over**

3. (f) continued.

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3. (f) continued.

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3. (f) continued.

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3. (f) continued.

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**3. continued.**

**(g) Study Figure 9 in the  
Resource Booklet.**

**Using evidence from Figure 9  
and your own knowledge,  
explain TWO reasons for the  
rise in global CO<sub>2</sub> emissions  
from fossil fuel use since the  
year 2000.**

**(4 marks)**

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

**1** \_\_\_\_\_  
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**Turn over**

3. (g) continued.

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**3. continued.**

**(h) Study Figure 10 in the  
Resource Booklet.**

**Using evidence from Figure 10,  
assess the environmental  
challenges which climate change  
may bring to Ghana.**

**(8 marks)**

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

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3. (h) continued.

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3. (h) continued.

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**TOTAL FOR SECTION C = 32 MARKS**

# Turn over

## **SECTION D**

### **Making a Geographical Decision**

**Answer Question 4. Write your answer 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.**



- 4. Study the three options below for Ghana's government to develop its economy so that it is no longer reliant on overseas aid.**

**OPTION 1: Stop looking for new oil and focus on educating Ghana's growing population**

**OPTION 2: Keep supporting the gold, cocoa and oil industries in order to increase Ghana's national income**

**(continued on the next page)**

**4. continued.**

**OPTION 3: Focus on developing  
Ghana's oil industry but discourage  
any new gold mining or cocoa  
production**

**Select the option that you think is  
best for the future development of  
Ghana.**

**Justify your choice.**

**(continued on the next page)**

**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  
nine pages.**

**CHOSEN OPTION \_\_\_\_\_**

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**Turn over**

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4. continued.

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

(Total for Question 4 = 16 marks)

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**TOTAL FOR SECTION D = 16 MARKS**

**TOTAL FOR PAPER = 64 MARKS**

**END OF PAPER**

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