

Write your name here

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Candidate Number

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

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Geography B

Paper 3: People and Environment Issues – Making Geographical Decisions

Monday 11 June 2018 – Afternoon

Time: 1 hour 30 minutes

Paper Reference

1GB0/03

You must have:

Resource Booklet (enclosed)
Calculator

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.*
- 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, grammar and use of specialist terminology 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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SECTION A**People and the Biosphere**

Answer ALL questions. 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 Use Section A (pages 2, 3 and 4) in the Resource Booklet to answer this question.

(a) Define the term **biodiversity**.

(1)

(b) Study Figure 1.

(i) Identify Country X.

(1)

(ii) Identify the period when Indonesia's population increased by 50 million exactly.

(1)

- A 1950–1970
- B 1970–1990
- C 1990–2010
- D 2010–2030

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(c) Study Figure 2.

(i) Identify in which of the years shown, the majority of Indonesia's population were earning at least US\$10 per day. (1)

(ii) Explain **one** way in which rising affluence could increase the demand for water in Indonesia. (2)

(d) Boserup believed a growing population would never run out of resources. Explain **one** reason why a growing population might never run out of resources. (2)

(Total for Question 1 = 8 marks)

TOTAL FOR SECTION A = 8 MARKS



SECTION B

Forests Under Threat

Answer ALL questions. 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 ☒.

2 Use Section B (pages 5 and 6) in the Resource Booklet to answer this question.

(a) Study Figure 3.

Identify **three** changes in the pattern shown.

(3)

1

2

3

(b) Study Figure 4.

(i) Identify how much more money Indonesia's government could be given if it protected the rainforest more successfully.

(1)

A 1000 million US\$

B 930 million US\$

C 800 million US\$

D 70 million US\$

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(ii) Explain **two** global actions which help protect the rainforest.

(4)

1

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(Total for Question 2 = 8 marks)

TOTAL FOR SECTION B = 8 MARKS

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SECTION C

Consuming Energy Resources

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

3 Use Section C (pages 7, 8, 9, 10, 11 and 12) in the Resource Booklet to answer this question.

(a) Study Figure 5.

(i) Calculate the value in dollars of agriculture (including oil palm).

Answer to one decimal place. Show your working.

(2)

..... billion US\$

(ii) Explain **one** piece of evidence from Figure 5 which shows that Indonesia is an emerging country.

(2)

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(b) Study Figure 6, Figure 7a and Figure 7b.

Explain **two** reasons why rising global demand for the products shown in Figure 7a has led to widespread rainforest loss in Indonesia.

(4)

1

2

(c) Study Figure 8a and Figure 8b.

Suggest **one** reason why fossil fuel oil and palm oil prices often rise together.

(2)

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(d) Study Figure 8a.

Explain **two** reasons for **lower** fossil fuel oil prices in some years.

(4)

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2

(e) Study Figure 9.

Assess the environmental impacts of exploiting Indonesia's energy resources.

(8)

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(f) (i) Explain **one** reason why the rising affluence of a country can lead to a reduction in its carbon footprint.

(2)

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(ii) Study Figure 10.

Assess the reasons why people disagree over who is to blame for deforestation.

(8)

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(Total for Question 3 = 32 marks)

TOTAL FOR SECTION C = 32 MARKS



SECTION D

Making a Geographical Decision

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

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

4 Study the **three** options below that the Indonesian Government can choose from in order to manage the palm oil industry.

Option 1: Prevent any further deforestation but allow oil palms to be grown on land where forest has already been removed.

Option 2: Stop palm oil production completely and assist the regrowth of the rainforest and the restoration of its wildlife.

Option 3: Encourage further production of palm oil in order to increase Indonesia's exports and help economic development.

Select which option the Indonesian Government should choose that would be best for its people and its environment.

Justify your choice.

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

(12)

Chosen option

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(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



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