

Write your name here					
Surname			Other names		
Pearson Edexcel		Centre Number		Candidate Number	
Level 1/Level 2					
GCSE (9–1)					
<h1 style="margin: 0;">Geography B</h1> <h2 style="margin: 0;">Paper 3: People and Environment Issues – Making Geographical Decisions</h2>					
Sample assessment material for first teaching September 2016 Time: 1 hour 30 minutes				Paper Reference 1GB0/03	
You must have: Resource Booklet, a 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.*
- 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.*
- Questions labelled with an **asterisk** (*) are questions where the quality of your written communication will be assessed
– *you should take particular care on these questions with your spelling, punctuation, grammar and use of specialist terminology and grammar, as well as the clarity of expression.*
- The marks available for spelling, punctuation, grammar and 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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PEARSON

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 (page 3) in the Resource Booklet to answer this question.

(a) Study Figure 1. It is a map of biomes.

(i) What is meant by the term 'biome'?

(1)

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(ii) Identify biome X.

(1)

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(iii) Identify biome Y.

(1)

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(b) Study Figure 2 which shows how variations in temperature and rainfall influence the distribution of forest biomes.

Identify the rainfall range needed for tropical rainforest growth.

(1)

- A 500–2300mm
- B 1750–4500mm
- C 1000–4500mm
- D 1750–2500mm

(c) State **two** resources local people might obtain from the biosphere.

(2)

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(d) Explain **one** way the biosphere can maintain soil health.

(2)

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(Total for Question 1 = 8 marks)

TOTAL FOR SECTION A = 8 MARKS

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SECTION B

Forests under threat

2 Use Section B (pages 4 and 5) in the Resource Booklet to answer this question.

(a) Study Figure 4 which shows a photograph of the rainforest in Madre de Dios.

(i) Identify **three** features of the rainforest shown.

(3)

Feature 1.....

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Feature 2.....

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Feature 3.....

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(ii) Study figures 1, 3 and 4.

Explain why Peru has high levels of biodiversity

(4)

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(Total for Question 2 = 7 marks)

TOTAL FOR SECTION B = 7 MARKS

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SECTION C

Consuming energy resources

3 Use Section C (pages 6, 7 and 8) in the Resource Booklet to answer this question.

(a) Study Figure 5. It is a factfile about Peru.

(i) The economy of Peru has been growing rapidly at around 6% GDP per year.

Calculate the projected GDP per capita for 2016.
Show your working.

(2)

(ii) GDP is one indicator of development progress.

State **two** other pieces of evidence from Figure 5 which suggest that Peru has made rapid development progress from 2000 to 2014. Use data in your answer.

(2)

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(b) Study Figure 6 which shows details of energy consumption in Peru in 2014.

(i) What percentage of Peru's energy use comes from fossil fuels? (1)

- A** 6%
- B** 11%
- C** 33%
- D** 67%

(ii) Study Figure 7 which shows trends in oil production and consumption in Peru.

Explain why the Peruvian government was concerned about energy supply in 2000 – 2008. (2)

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(iii) Explain why changes in oil prices might affect Peruvian oil production. (2)

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(c) Study Figure 8 and Figure 9.

Explain why there are social and cultural concerns about selling drilling rights for oil and gas development in the rainforest.

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(d) Study Figure 9 which shows possible impacts of oil and gas development.

Using evidence from the resource, assess the local and national economic benefits of developing the oil and gas.

(8)

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(e) (i) Renewable energy is an alternative approach to fossil fuels.
Explain **two** negative impacts on the environment of developing renewable energy resources.

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Study Figure 10 which shows conflicting views about developing the Peruvian rainforest for oil and gas.

- (ii) Assess the reasons why some groups are against the development of oil and gas.

(8)

Dotted lines for writing the answer.

(Total for Question 3 = 33 marks)

TOTAL FOR SECTION C = 33 MARKS

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SECTION D

Making a geographical decision

In this question, 4 of the marks awarded will be for your spelling, punctuation and grammar and your use of specialist terminology.

***4** Study the **three** options below for how Peru should develop its rainforest region for oil and gas.

Option 1: Encourage local companies and foreign TNCs to exploit the oil and gas rapidly to help develop Peru's economy.

Option 2: Develop oil and gas gradually in discussion with the Indian communities but also encourage NGOs to develop sustainable schemes for both energy and tourism.

Option 3: Stop the development for oil and gas, but open up the rainforest region for logging and farming and allow development of new settlements.

Select the option that you think would be the best **long-term** plan for the development of the Peruvian rainforest. Justify your choice.

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

(16)

Chosen option:

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(Total for Question 4 = 16 marks)

TOTAL FOR SECTION D = 16 MARKS

TOTAL FOR PAPER = 64 MARKS

