

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

Total Marks

Geography B

Paper 3: People and Environment Issues – Making Geographical Decisions

Thursday 13 June 2019 – Morning

**Time: 1 hour 30 minutes plus your
additional time allowance.**

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

Surname					
Other names					
Centre Number					
Candidate Number					

Y56339A

YOU MUST HAVE

Calculator

YOU WILL BE GIVEN

Resource Book

INSTRUCTIONS

Answer ALL questions.

Answer the questions in the spaces provided in this Question Paper – 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 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 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

SECTION A

People and the Biosphere

Answer ALL questions. Write your answers in the space 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, 5, 6, 7 and 8) in the Resource Book to answer this question.

(a) Study Figure 1 in the Resource Book.

Identify THREE local factors affecting where the forest can grow.

(3 marks)

Answer lines continue on the next page.

1

Turn over

1. continued.

2

3

(continued on the next page)

Turn over

1. continued.

**(b) Study Figure 2 in the
Resource Book.**

Identify biome X

A temperate grassland

B tropical grassland

C desert

D tundra

Answer

(1 mark)

(continued on the next page)

Turn over

1. continued.

(c) State TWO characteristics of the temperate forest biomes.

(2 marks)

1

2

(continued on the next page)

Turn over

1. continued.

(d) Explain ONE way increased forest growth could affect the atmosphere.

(2 marks)

(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 space 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 9, 10, 11 and 12) in the Resource Book to answer this question.**

(a) Study Figure 3 in the Resource Book

- (i) Identify which of the following is most likely to be species Y**

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

Turn over

2. (a) (i) continued.

A gorilla

B rat

C wolf

D lion

Answer

(1 mark)

(continued on the next page)

Turn over

2. (a) continued.

(ii) State ONE adaptation that helps many taiga animals to survive.

(1 mark)

(b) Define what is meant by the term abiotic.

(1 mark)

(continued on the next page)

Turn over

2. continued.

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

**Explain TWO reasons why
temperature changes shown
in Figure 4 may threaten the
biodiversity of Norway's taiga
forest.**

(4 marks)

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

1

Turn over

2. (c) continued.

2

(Total for Question 2 = 7 marks)

TOTAL FOR SECTION B = 7 MARKS

Turn over

SECTION C**Consuming Energy Resources**

Answer ALL questions. Write your answers in the space 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, 14, 15, 16, 17, 18, 19, 20 and 21) in the Resource Book to answer this question.**

- (a) Study Figure 5 in the Resource Book.**

(continued on the next page)

3. (a) continued.

(i) Calculate the percentage change in the use of energy from HEP sources between 1973 and 2015

Show your working.

(2 marks)

Answer space continues on the next page.

Turn over

3. (a) (i) continued.

_____ %

(continued on the next page)

Turn over

3. (a) continued.

(ii) State TWO pieces of evidence indicating that Norway is trying to reduce its carbon footprint.

(2 marks)

1

2

(continued on the next page)

Turn over

3. continued.

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

**(i) Identify the year when total
oil production was highest.
(1 mark)**

(continued on the next page)

Turn over

3. (b) continued.

(ii) Identify which of the following is the best estimate of Norway's total oil production per day in 1992

A 200

B 1,500

C 150,000

D 2,000,000

Answer

(1 mark)

(continued on the next page)

Turn over

3. continued.

**(c) Study Figure 7 in the
Resource Book.**

**Explain why Norway exports
a high percentage of the oil it
produces.**

(3 marks)

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

Turn over

3. (c) continued.

(continued on the next page)

Turn over

3. continued.

(d) Study Figure 7 and Figure 8 in the Resource Book.

Explain TWO social benefits for Norway's people from selling its oil.

(4 marks)

Answer lines continue on the next page.

1

Turn over

3. continued.

2

(continued on the next page)

Turn over

3. continued.

**(e) Study Figure 9 in the
Resource Book.**

**Assess the challenges Norway
faces in developing new offshore
oil sources.**

(8 marks)

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

Turn over

3. (e) continued.

Turn over

3. (e) continued.

Turn over

3. (e) continued.

(continued on the next page)

Turn over

3. continued.

(f) (i) Explain TWO energy efficiency strategies that can help fossil fuel supplies last longer.

(4 marks)

Answer lines continue on the next page.

1

Turn over

3. (f) (i) continued.

2

(continued on the next page)

Turn over

3. (f) continued.

**(ii) Study Figure 10 in the
Resource Book.**

**Assess the economic costs
and benefits for local people
of developing this oil.**

(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 = 33 marks)

TOTAL FOR SECTION C = 33 MARKS

Turn over

SECTION D

Making a Geographical Decision

Answer ALL questions. 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 for Norway.**

Option 1: Set an example to other countries by stopping oil production altogether.

Option 2: Use up existing oil resources but stop looking for new oil fields.

Option 3: Continue to explore and develop all new oil fields.

(continued on the next page)

Turn over

4. continued.

Select the option that offers the best future for Norway's people and its environment.

Justify your choice.

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

(12 marks)

Answer lines are on the next seven pages.

Turn over

4. continued.

Chosen option _____

Turn over

4. continued.

Turn over

4. continued.

Turn over

4. continued.

Turn over

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

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Figure 9: Oil exploration in Norwegian Arctic faces sea of opposition by Richard Milne © Financial Times – September 2017

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