

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

Total Marks
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**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					

**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.**

**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.**

**Turn over**

**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.**

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## **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.**

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)

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2 \_\_\_\_\_

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3 \_\_\_\_\_

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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 \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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1. continued.

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

(2 marks)

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(Total for Question 1 = 8 marks)

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**TOTAL FOR SECTION A = 8 MARKS**

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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.**

**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**

**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)

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

(1 mark)

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(continued on the next page)

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)

1 \_\_\_\_\_

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(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.**

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.

- (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.

3. (a) (i) continued.

\_\_\_\_\_ %

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

(2 marks)

1 \_\_\_\_\_

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2 \_\_\_\_\_

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Turn over

**3. continued.**

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

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

**(1 mark)**

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**(continued on the next page)**



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)**

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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)

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**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 two pages.**

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**Turn over**

**3. (e) continued.**

[illegible]

**Turn over**

**3. (e) continued.**

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**Turn over**

3. continued.

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

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2 \_\_\_\_\_

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**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 two pages.**

[illegible]

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**3. (f) (ii) continued.**

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**3. (f) (ii) continued.**

[illegible]

**(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.**

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.

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 five pages.

**4. continued.**

**Chosen option** \_\_\_\_\_

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**4. continued.**

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**4. continued.**

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**4. continued.**

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**Turn over**



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

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