

Please check the examination details below before entering your candidate information

Candidate surname					Other names				
Centre Number					Candidate Number				
Pearson Edexcel Level 1/Level 2 GCSE (9–1)					<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>				
Thursday 13 June 2019									
Morning (Time: 1 hour 30 minutes)					Paper Reference 1GB0/03				
Geography B Paper 3: People and Environment Issues – Making Geographical Decisions									
You must have: Resource Booklet (enclosed) Calculator								Total Marks <input type="text"/>	

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 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 ►

R56339A

©2019 Pearson Education Ltd.

1/1/1/1/1/1/1/1/1/1

SECTION A

People and the Biosphere

Answer ALL questions. Write your answers in the space 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) Study Figure 1.

Identify **three** local factors affecting where the forest can grow.

(3)

(b) Study Figure 2.

Identify biome X.

(1)

- ☐ **A** temperate grassland
- ☐ **B** tropical grassland
- ☐ **C** desert
- ☐ **D** tundra

(c) State **two** characteristics of the temperate forest biomes.

(2)

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

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

(2)

(Total for Question 1 = 8 marks)

TOTAL FOR SECTION A = 8 MARKS

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

SECTION B

Forests Under Threat

Answer ALL questions. Write your answers in the space 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.

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

(1)

☐ **A** gorilla

☐ **B** rat

☐ **C** wolf

☐ **D** lion

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

(1)

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

(1)

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

(c) Study Figure 4.

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

(4)

(Total for Question 2 = 7 marks)

TOTAL FOR SECTION B = 7 MARKS

SECTION C

Consuming Energy Resources

Answer ALL questions. Write your answers in the space 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 ☒.

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

(a) Study Figure 5.

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

Show your working.

(2)

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

(2)

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

(b) Study Figure 6.

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

(ii) Identify which of the following is the best estimate of Norway's total oil production per day in 1992. (1)

- ☐ **A** 200
- ☐ **B** 1,500
- ☐ **C** 150,000
- ☐ **D** 2,000,000

(c) Study Figure 7.

Explain why Norway exports a high percentage of the oil it produces. (3)

(d) Study Figure 7 and Figure 8.

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

(4)

(e) Study Figure 9.

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

(8)

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

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

(4)

- (ii) Study Figure 10.

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

(8)

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

(Total for Question 3 = 33 marks)

TOTAL FOR SECTION C = 33 MARKS

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

(12)

Chosen option

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

(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

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

BLANK PAGE