



Please write clearly in block capitals.

Centre number

Candidate number

Surname \_\_\_\_\_

Forename(s) \_\_\_\_\_

Candidate signature \_\_\_\_\_

I declare this is my own work.

# A-level GEOGRAPHY

## Paper 1 Physical geography

Thursday 16 May 2024

Morning

Time allowed: 2 hours 30 minutes

### Materials

For this paper you must have:

- the colour insert (enclosed)
- a pencil
- a rubber
- a ruler.

You may use a calculator.

For Examiner's Use	
Section	Mark
A	
B	
C	
<b>TOTAL</b>	

### Instructions

- Use black ink or black ball-point pen.
- Fill in the boxes at the top of this page.
- Answer **all** questions in Section A.
- Answer **either** Question 2 **or** Question 3 **or** Question 4 in Section B.
- Answer **either** Question 5 **or** Question 6 in Section C.
- You must answer the questions in the spaces provided. Do **not** write outside the box around each page or on blank pages.
- If you need additional extra space for your answer(s), use the lined pages at the end of this book. Write the question number against your answer(s).
- Do all rough work in this book. Cross through any work you do not want to be marked.

### Information

- The marks for questions are shown in brackets.
- The total number of marks available for this paper is 120.



**Section A**

**Water and carbon cycles**

Answer **all** questions in this section.

**0 1 . 1**

Outline how human factors impact upon the water cycle.

**[4 marks]**

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**Section B**

Answer **one** question in this section.

Answer **either** Question 2 **or** Question 3 **or** Question 4.

**Question 2 Hot desert systems and landscapes**

**0 2 . 1** Outline characteristics of a pediment.

**[4 marks]**

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**Question 2 continues on the next page**













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**Question 3 Coastal systems and landscapes**

**0 3 . 1** Outline the sequence in the development of a sea stack.

**[4 marks]**

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**Question 4 Glacial systems and landscapes**

**0 4 . 1**

Outline processes which lead to the development of a corrie.

**[4 marks]**

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**Section C**

Answer **one** question in this section.

Answer **either** Question 5 **or** Question 6.

**Question 5 Hazards**

**0 5 . 1** Outline processes involved in the formation of ocean ridges.

**[4 marks]**

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**0 5 . 5** 'The Hazard Management Cycle is useful in minimising the impact of wildfires.'

Evaluate this view with reference to a wildfire event that you have studied. **[20 marks]**

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**Question 6 Ecosystems under stress**

**0 6 . 1**

Outline processes involved in mineral nutrient cycling in an ecosystem.

**[4 marks]**

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**Question 6 continues on the next page**



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0 6 . 5

With reference to **one** plagioclimax in the British Isles, assess the factors affecting change and development in this ecosystem.

**[20 marks]**

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