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I declare this is my own work.

# A-level GEOGRAPHY

## Paper 1 Physical Geography

Wednesday 20 May 2020

Afternoon

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.

### 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.
- 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.

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



J U N 2 0 7 0 3 7 1 0 1

G/KL/Jun20/E4

**7037/1**

**Section A**

**Water and carbon cycles**

Answer **all** questions in this section.

**0 1 . 1**

Outline the process of decomposition in the carbon 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 the role of cold ocean currents as a cause of aridity.

**[4 marks]**

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**Question 3 Coastal systems and landscapes**

**0 3 . 1**

Outline the process of sub-aerial weathering in the development of coastal landscapes.

**[4 marks]**

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**Question 4    Glacial systems and landscapes**

**0 4 . 1** Outline the geomorphological process of nivation.

**[4 marks]**

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**Figure 8** shows an area of tundra vegetation in the Sajama National Park, Bolivia.

**Figure 8**



0 4 . 3

Using **Figure 8** and your own knowledge, assess the view that temperature variation is the most significant factor in the development of this vegetation.

**[6 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 the process of liquefaction.

**[4 marks]**

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**0 5 . 4** 'Seismic activity offshore will always present a greater threat to people than seismic activity on land.'

To what extent do you agree with this view?

**[9 marks]**

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**Question 6 Ecosystems under stress**

**0 6 . 1** Outline the process of succession in a lithosere.

**[4 marks]**

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**0 6 . 4**

Assess the impact of declining biodiversity upon a major terrestrial biome that you have studied.

**[9 marks]**

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