



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

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	
TOTAL	



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]

Extra space _____



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]

Extra space _____



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

[4 marks]

Extra space _____

Question 3 continues on the next page

Turn over ►



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Question 4 Glacial systems and landscapes

0 4 . 1 Outline the geomorphological process of nivation.

[4 marks]

Extra space _____



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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Question 4 continues on the next page

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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]

Extra space

Question 5 continues on the next page

Turn over ▶



Extra space _____

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]

Extra space

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Figures 11a and 11b are in the insert.

Figure 11a shows the global human footprint in 2009.

Figure 11b shows the change in the global human footprint between 1993 and 2009.

0 6 . 2

Analyse the data shown in Figure 11a and Figure 11b.

[6 marks]

Extra space _____

Question 6 continues on the next page

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Extra space _____

0 6 . 4

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

[9 marks]

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