



Name: _____ EXAM PAPERS PRACTICE

Climate Change

Date:

Time:

Total marks available:

Total marks achieved: _____

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Questions

Q1.

Study Figure 2 in the Resource Booklet.

(i) Compare global temperatures before and after the year 1980.

(2)

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(ii) Explain **one** way volcanic eruptions can cause short-term climate change.

(3)

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(Total for question = 5 marks)

Q2.

Study Figure 5 in the Resource Booklet.

Explain how Figure 5 helps us understand the causes of long-term natural climate change.

(10)

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(Total for question = 6 marks)

Q5.

Study Figure 2 in the Resource Booklet.

Explain why the evidence used to reconstruct past climate records may be unreliable.

(4)

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(Total for question = 4 marks)

Q6.

Study Figure 2 in the Resource Booklet.

(i) Suggest **one** way sources such as this provide evidence of climate change in the past.

(2)

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(ii) Explain **one** source that could provide evidence for long-term climate change.

(3)

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(Total for question = 5 marks)

Q7.

‘Mega-disasters require a different scale and type of response compared to other natural disasters.’

To what extent do you agree?

(20)

(Total for question = 20 marks)

Q8.

Study Figure 5 in the Resource Booklet.

‘The magnitude and pace of current climate warming is different from climate change in the past.’

To what extent do you agree?

(Total for question = 20 marks)

Q9.

Study Figure 2 in the Resource Booklet.

(i) State the typical number of years in a sunspot cycle.

(1)

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(ii) Describe the trends in sunspot numbers between 1750 and 1850.

(2)

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(iii) Suggest **one** impact of sunspot numbers between 1650 and 1700 on Earth's climate.

(2)

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(Total for question = 5 marks)