

<b>NAME</b>	<b>INDEX NUMBER</b>
<b>SCHOOL</b>	<b>DATE</b> _____

# CLIMATE

**1. 1990 Q 4c.**

(c) (i) Account for the characteristics of the equatorial climate (4 marks)

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(ii) Explain why some areas within the equatorial belt do not have a true Equatorial climate (3 marks)

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**2. 1996 Q 3**

a) What is isobar? (1 mark)

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b) List four characteristics of modified Equatorial Climate (such as experienced in the lake Victoria Basin). (4 marks)

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3. 1997 Q5a

a) Differentiate between weather and climate (2 marks)

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4. 1997 Q 7

a) Draw sketch map of Kenya on it, mark and name the

- (i) Lake Turkana (1 mark)
- (ii) River Athi (1 mark)
- (iii) Mount Kenya (1 mark)
- (iv) The equator (1 mark)

b) Describe the climate conditions experienced in the Kenya highlands.

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c) Explain four ways in which vegetation in the Nyika region of Kenya has adapted to the climate conditions experienced in the area. (8 marks)

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d) Explain how the presence of a cold ocean current influences the climate of the adjacent coastlands. (4 marks)

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5. 1998 Q 8a, b

The graph below represents the climate of a station in Africa. Use it to answer question

a) (i) Describe the characteristics of the climate represented by the graph



(ii) Describe the type of natural vegetation likely to be found in an area with the type of climate represented by the graph.

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b) Explain four factors that influence climate.

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**6. 2000 Q 8c**

(c) State five characteristics of the hot desert climate

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**7. 2001 Q 4a, b**

(a) State three climatic conditions experienced in the Sahara desert

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(b) State three ways in which plants adapt to hot desert conditions

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**8. 2005 Q 9a-c**

Use the map below to answer questions (a) and (b)



- (a) Name:
- (i) The type of climate found in the shaded area marked Q (1 mark)
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  - (ii) The ocean current marked R and S (2 marks)

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- (b) Describe the characteristics of the type of climate found in the shaded area marked T (8 marks)

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- (c) Explain how the following factors influence climate (4 marks)  
(i) Altitude

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- (ii) Distance from the sea (4 marks)

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**9. 2007 Q 8a**

(a) (i) What is climate? (2 marks)

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(ii) Explain two effects of climate change on the physical environment (4 marks)

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