jitahidi high SCHOOL.

FORM 3 C.A.T. 1 GEOGRAPHY EXAM

TERM 1

 NAME: ………………………………………..CLASS: …….. ADM:……….

The table below represents rainfall and temperature for station Y. Use it to answer questions a and b.

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Station Y |  |  |  |  |  |  |  |  |  |  |  |  |
| months | J | F | M | A | M | J | J | A | S | O | N | D |
| Temperature Oo  | 30 | 31 | 31 | 31 | 30 | 29 | 28 | 28 | 29 | 29 | 29 | 30 |
| Rainfall in mm | 250 | 250 | 325 | 300 | 213 | 25 | 25 | 25 | 100 | 275 | 380 | 200 |

1.a (i) Calculate the mean annual range of temperature ( 2 mks)

 b i) Calculate the annual rainfall for station Y ( 2 mks)

ii) On the graph paper provided, draw a bar graph to represent rainfall for station Y.

Use a vertical scale of 1 cm to represent 50mm ( 2 mks)

c) Describe the climatic characteristics of station Y ( 6 mks)

d i) Describe how convectional rainfall is formed ( 6 mks)

ii) Explain two problems associated with convectional rainfall in the lake region of Kenya ( 6 mks)

2. a) Explain how the following factors influence the climate of a place

* Aspect ( 4 mks)
* Altitude ( 6 mks)

b) Explain five characteristics of the equatorial climate ( 10 mks)

c) List down five tropical deserts in the world. ( 5 mks)