**ELERAI MCK GIRLS SECONDARY SCHOOL**

**MID-TERM CAT I TERM III 2014**

**GEOGRAPHY FORM 2**

Answer all the questions

1. State two characteristics of a composite volcano (2mks)

ii) Give three examples of composite volcanoe in east Africa (3mks)

iii) Differentiate between plutonic and volcanic rocks (2mks)

b) Describe how a lava plateau is formed (4mks)

c) Name three volcanic features found in the Rift Valley of Kenya (3mks)

ii) Explain three negative effects of volcanicity in Kenya (6mks)

d) You intend to carry out a field study of a volcanic landscape

i) State four reasons why it is necessary to conduct a reconnaissance of the area of study (4mks)

ii) State why you would need the following items \

Hammer

Polythene bag

iii) Mention three method of recording data that you would use (3mks)

1. The table below shows Kenya’s agricultural crop production in the year 2010

|  |  |
| --- | --- |
| Crop | Quality of turn |
| Maize | 42500 |
| Tea | 22600 |
| Coffee | 20300 |
| Others | 15400 |
| Pyrethrum | 21200 |

Ai) Draw a sample divided rectangle 15cm long to represent the above data (8mk

ii) Calculate the average crop production in the year (2mks)

iii) What is the range of the above data (2mks)

b) State:-

i) Two advantage of using simple divided rectangles to represent data (2mks)

ii) Two disadvantages of using the technique (2mks)

1. a) Distinguish between weather and climate (2mks)

b) Explain how latitude influences climate (3mks)

4.a i) Define the term climate (2mks)

ii) A part from latitude list four other factors which influence climate (4mks)

b) The table below represents temperature and rainfall figures of a weather station in

Kenya. Use it to answer the question below

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Month | J | F | M | A | M | J | J | A | S | O | N | D |
| Temperature | 21 | 23 | 23 | 22 | 20 | 20 | 19 | 19 | 21 | 22 | 22 | 22 |
| Rainfall (mm) | 53 | 45 | 117 | 205 | 166 | 33 | 25 | 25 | 12 | 73 | 162 | 64 |

1. Using a vertices scale of 1cm represent the rainfall 20mm draw a bar graph to represent the rainfall figure for the above station (use a graph paper ) (5mks)
2. Describe the climate characteristics experienced in the station above (4mks)

c) Students of Elerai secondary school visited a weather station in Kajiado

i) Give three weather recording instrument they identified in the weather station (3mks)

ii) List four activities they carried out in the weather station (4mks)

1. What are some of the challenges they may have encountered in the field (3mks)

5ai) What is an air mass? (2mks)

ii) List any four major types of air masses (4mks)

iii) Name the two type of front (2mks)

b) State four characteristics of mountain climate (4mks)

c) Define the term

i)Aridity (2mks)

ii) Desertification (2mks)

di)Describe briefly the concept of global warming (5mks)

ii) List any four green house gases (4mks)