

**MAKUENI BOYS HIGH SCHOOL**  
**APRIL HOLIDAY ASSIGNMENT 2021**  
**GEORAPHY**  
**FORM ONE**

- 1a). State three characteristics of the inter-tropical convergence zone.
- b). With the aid of a labelled diagram, describe how relief rainfall is formed.
- c). Draw a well labelled diagram showing the internal structure of the earth.
2. Give proofs that the earth is spherical.
- 3a). Differentiate frontal fog from smog.
- b). State three ways in which clouds are classified.
- 4a). Differentiate between an asteroid and a comet.
- b). Name the galaxy in which the solar system belongs.
- 5a) i). Define the term statistics.
- ii). Name four sources of each of the following types of statistical data.

Primary data

Secondary data

- b). The following data shows rainfall and temperature recorded in a weather station in Kenya.

Month	J	F	M	A	M	J	J	A	S	O	N	D
Temp <sup>0</sup> C	19	20	20	19	19	18	17	16	14	16	18	19
Rainfall (mm )	18	28	38	127	114	84	112	104	69	56	38	31

Calculate ;

- i). The annual rainfall received
- ii). The temperature range
- c). Draw a combined line and bar graph to present the above data.
- d) i) Name two methods that are used in statistical data analysis.

- ii). Describe two types of questionnaire.
- e). Explain three reasons why statistics is important in geographical studies.

6. Convert the following scales as instructed.

a) Representative fraction (RF) to statement scale.

i). 1:500,000

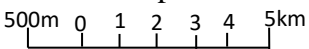
ii). 1:50000

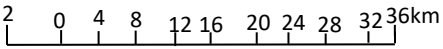
b) Statement to representative fraction

i). 1cm represents 2.5km

ii). 1cm represents 0.5km

c) Linear scale to representative fraction

i). 

ii). 

d). Representative fraction to linear scale

i). 1: 50 000

ii). 1: 300000

7. a) What is environment

b). State two types of environment

c). Differentiate between ecology and habitat.

d). Discuss the importance of studying Geography.