FORM 1 TERM 3 APRIL 2022
GEOGRAPHY

1. a) Mention two areas studied in practical geography. (2mks)

    _____

    _____

    b) Name two areas of interest in physical geography. (2mks)

    _____

    _____

    c) State three significance of learning geography. (3mks)

    _____

    _____

    _____

2. a) What is the solar system? (2mks)

    _____

    _____

    b) Name two forces responsible for the spherical shape of the earth. (2mks)

    _____

    _____

    c) Give three reasons why interior part of the earth is very hot. (3mks)

    _____

    _____

    _____

3. a) Distinguish between absolute humidity and relative humidity. (2mks)

    _____

    _____

    _____

    b) State three conditions necessary for the formation of dew. (3mks)

    _____

    _____

    _____

4. a) Differentiate between rocks and minerals. (2mks)

b) Give three ways in which rocks can be classified. (3mks)

_____

_____

_____

c) Distinguish between the following types of rocks; (6mks)

   i.   igneous plutonic rocks

_____

_____

   ii.   volcanic rocks

_____

_____

   iii.   hypabyssal rocks

_____

_____

d) Selected students from Henrok schools carried out a field study on rocks in their county.

   i.   State three reasons why it would be necessary for them to conduct a

      reconnaissance to the study area. (3mks)

_____

_____

_____

   ii.   Give two methods used to record data. (2mks)

_____

_____

   iii.   State three importance of rocks identified. (3mks)

_____

_____

_____

5. a) What is a weather station? (2mks)

_____

_____

b) Name all the instruments stored in a Stevenson screen. (4mks)

_____

_____

_____

_____

c) Using a well labelled diagram, explain how a minimum thermometer works.   (6mks)

d) The methods of weather forecasting can broadly be categorized into three; name them.

(3mks)

_____

_____

_____

6. Study the table below and answer the questions that follows.

Month	J	F	M	A	M	J	J	A	S	O	N	D
Temperature ^{0}c	29	28	30	30	29	29	29	27	29	30	30	30
Rainfall in mm	10	9	22	48	26	9	24	10	5	10	18	11

a. i) Using a scale of 1cm represents 5^0c, construct a simple line graph to represent the
    information on the temperature and the months.   (8mks)
    ii) Give two disadvantages of using a simple line graph to represent data.   (2mks)

_____

_____

b. i) Calculate the mean annual rainfall.   (2mks)

ii) Calculate the median rainfall from the set of data above.   (2mks)

iii) What is the annual range of temperature?   (1mks)

7. a) Define the term mining.   (2mks)

_____

_____

b) Mineral ores occur in four main formations, name any three.   (2mks)

_____

_____

_____

_____

c) Name the three methods of mining.   (3mks)

_____

_____

_____

d) Explain any two problems facing mining industry in Kenya.   (4mks)

_____

_____

_____

_____

8. a) Name two types of field work. (2mks)

_____

_____

b) Outline three importance of field work. (3mks)

_____

_____

_____

c) State two characteristics of a good hypothesis. (2mks)

_____

_____

d) Give three importance of a working schedule before carrying. (3mks)

_____

_____

_____

9. a) Differentiate between discrete data and continuous data giving an example in each.

(4mks) (definition 1 mark, example 1 mark)

_____

_____

_____

_____

_____

_____

b) Outline two factors to consider when preparing a questionnaire. (2mks)

_____

_____

c) Name any two types of sampling. (2mks)

_____

_____

d) State two advantages of experimentation. (2mks)