

**FORM ONE EXAM
GEOGRAPHY**

TIME: 1hr 30Mins

1. What is environment? (2marks)

2. Name three human features (3marks)

3. Name two Greek words from which term geography originate (2marks)

4. If the local time in Nairobi on longitude 37° E is 10PM .what will be the time at Buchanan Liberia on longitude 10° W(4marks)

5. a)What is an eclipse (2marks)

- b)Differentiate between solar and lunar eclipse(2marks)

6. Give three reasons as to why the interior of the earth is hot (3marks)

7. a)Give two dates in a year during which the number of hours of darkness is equal in both the north and south poles (2marks)

b) State four factors that support life on planet earth (4marks)

8 a) State three factors that influence weather (3marks)

b)The table below shown below represent rainfall and temperature of station

X. Use it answer the following questions

Months	J	F	M	A	M	J	J	A	S	O	N	D
Temp in c	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

- i. Calculate the mean annual range of temperature (2marks)

- ii. Calculate the mean annual rainfall for station X(2marks)

- iii. With an aid of a well labeled diagram describe how relief rainfall is formed (6marks)

9.a) Write down two types of questionnaires (2marks)

b) What factors must be considered in selecting methods of data collection (3marks)

c) State four advantages of using questionnaires in collecting of statistical data (4marks)

d) i) Study the table below of a station B in a month of July and answer the following questions

Direction of the wind	N	NE	E	SE	S	SW	W	NW	CALM	TOTALS
No of days	3	3	1	1	2	7	6	4	4	31

ii) Use the suitable technique to present the data (6marks)

d) State three disadvantages of using a wind rose to represent data (3marks)

e) Name four methods of recording statistical data (4marks)

a) What is a map (2marks)

b)List down four types of maps(4marks)

c) Outline five uses of maps (5marks)

11.a)List down three methods used in analysing statistical data (3marks)

b)If the study of a farm ,10 hectares are found to be devoted to coffee growing and the total acreage is 100hectare what is the percentage of the area under coffee (1mark)

c) A pupil was requested to pick out fourteen numbers randomly from a set of numbers.She picked 20,1,66,42,12,6,15,12,42,100,3,82,42,37

calculate

i. The mean of data (2marks)

ii. The mode of data (2marks)

iii. The median of the data (2marks)