F1 ENDYEAR ASSIGNMENT

GEOGRAPHY

10+ HOLIDAY ASSESMENT PAPERS

Dear Students, Make Maximum Utilization of limited time Available to Attempt and Work on these Year-Round Examination Trials.

A Comprehensive Evaluation Analysis of Term 1-3 Questions.

SERIES 1

For Marking Schemes

Call/WhatsApp 0746 222 000

MWALIMU CONSULTANCY

FORM 1 EXAMINATION TRIALS

GEOGRAPHY

PRACTICE TEST 1

TIME: 2 HOURS

Answer All the questions in the spaces provided

1. Give three components of the solar system. **(3mks)**

……

……

……

2. a) Identify three types of high level clouds **(3mks)**

……

……

……

(b) State five factors that should be considered before sitting a weather station **(5mks)**

……

……

……

……

……

3. What are the importance of weather forecasting? **(5mks)**

……

……

……

……

……

4. (a) Explain how mathematics is related to geography **(2mks)**

……

……

……

(b) State four importance of studying geography **(4mks)**

……

……

……

……

5. Name the two discontinuities of the earth's sracture. **(2mks)**

……

……

……

6. (a) List down four forms of precipitation. **(4mks)**

……

……

……

……

……

(b) What is a Stevenson screen? **(2mks)**

……

……

……

7. i) Name three instruments found in a Stevenson screen. **(3mks)**

……

……

……

ii) State and explain five qualifications that makes Stevenson screen suitable for its work **(5mks)**

……

……

……

……

……

……

8. With the help of a well-labelled diagram, explain the formation of frontal /cyclonic rainfall. **(5mks)**

……

……

……

……

……

……

9. **a)** Give three methods of predicting weather **(3 mks)**

……

……

……

b) Why is weather predictions by the weather man in the recent past not been accurate **(3 mks)**

……

……

……

10. **(a)** Name and describe two types of environment **(4mks)**

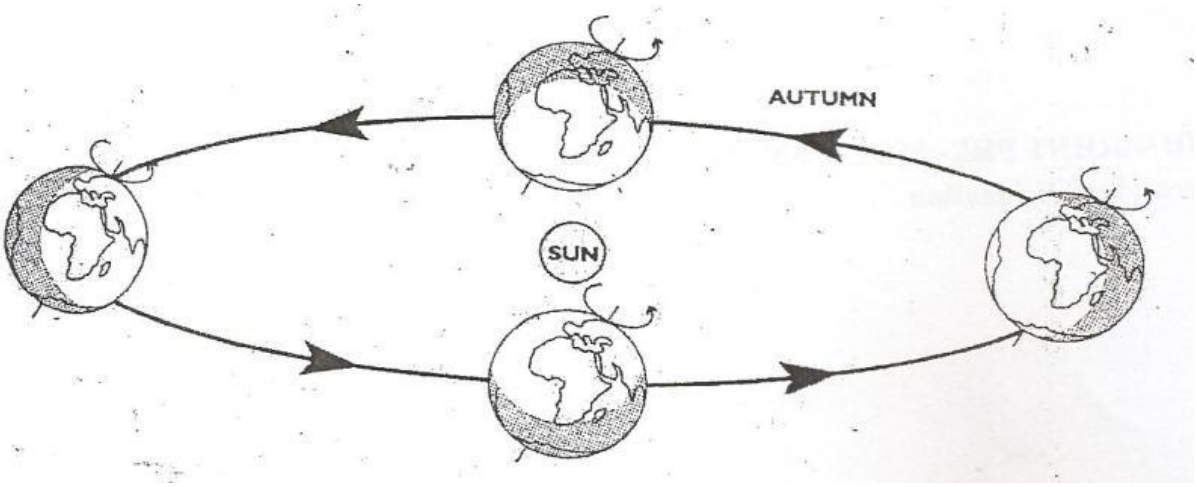
……

……

……

……

(b) The diagram below shows a movement of the earth



(i) Identify the movement **(1mk)**

……

……

(ii) State four effects of the above movement **(4mks)**

……

……

……

……

11. (a) Give two dates in a year when the earth experiences equal days and nights in both northern and southern hemisphere. **(2mks)**

……

……

……

(b) Supposing the local time in Lusaka, 31◦ E is 9.30pm, what time would it be at Greenwich Meridian? **(2mks)**

……

……

……

12. Explain the effect of the following forces for the shape of the earth.

(i) Gravitational force **(2mk)**

……

……

……

(ii) Centrifugal force **(2mk)**

……

……

……

(iii) Centripetal force **(2mk)**

……

……

……

FORM 1 EXAMINATION TRIALS

GEOGRAPHY

PRACTICE TEST 2

TIME: 2 HOURS

Answer All the questions in the spaces provided

1. a) Define the following terms as used in Geography **(3mks)**

i. Environment

……

……

ii. Habitat

……

……

iii. Ecology

……

……

b) Name the **three** branches of Geography **(3mks)**

……

……

……

c) List down **five** reasons why it is important to study Geography **(5mks)**

……

……

……

……

……

……

……

d) Briefly explain the relationship between Geography and the following branches of knowledge **(4mks)**

a) Geography and mathematics

……

……

……

b) Geography and chemistry

……

……

……

2. a) Define the following terms as used in Geography **(3mks)**

i. Solar system

……

……

ii. Orbit

……

……

iii. Galaxy

……

……

b) State **two** theories that explain the origin of the solar system **(2mks)**

……

……

c) Name **three** forces that contribute to the spherical shape of the earth **(3mks)**

……

……

……

d) State **five** proofs that the earth is spherical **(5mks)**

……

……

……

……

……

……

3. a) Differentiate between the rotation of the earth and revolution of the earth. **(2mks)**

……

……

……

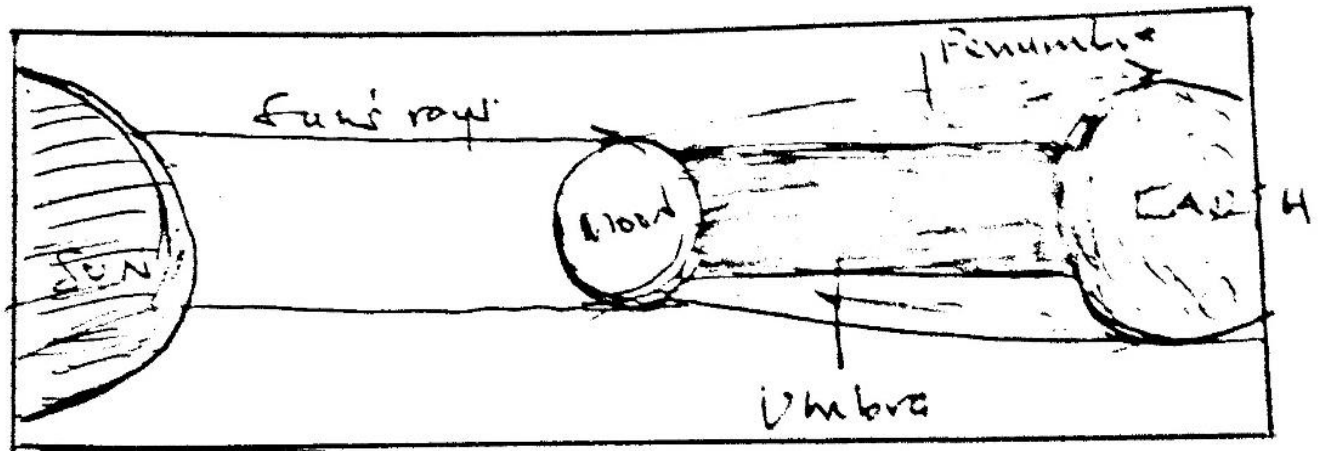
b) State **three** effects of revolution of the earth **(3mks)**

……

……

……

c) i) Identify the type of eclipse shown in the following diagram **(1mk)**



ii) Explain how the above eclipse occur **(4mks)**

……

……

……

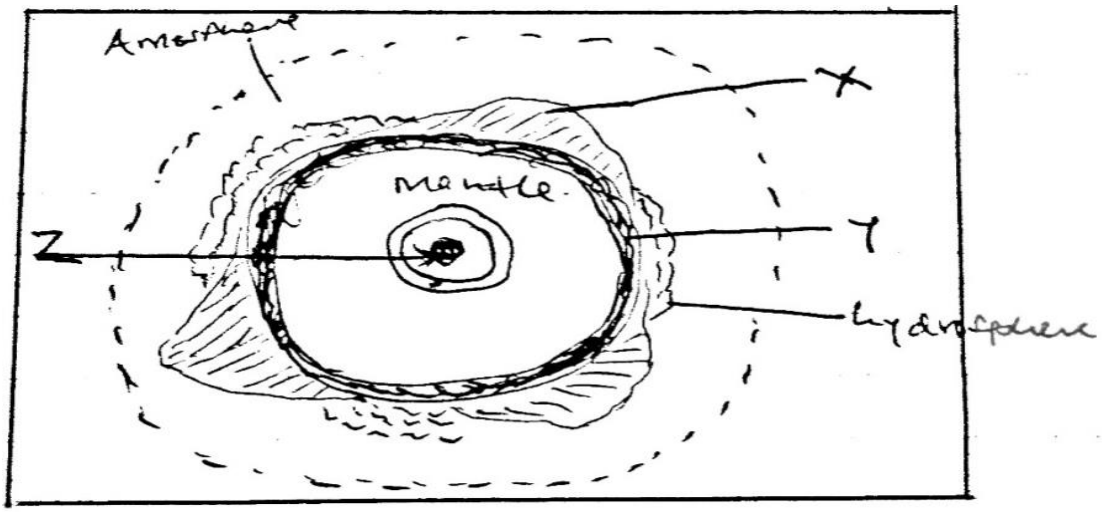
……

4. a) Name **two** internal layers of the earth **(2mks)**

……

……

b) Use the diagram below to answer the questions that follow **(3mks)**



Name the;

i. Discontinuity marked **Y**

……

ii. The layer marked **X**

……

iii. The layer marked **Z**

……

c) State **three** reasons why the interior of the earth is very hot **(3mks)**

……

……

……

5. a) Define weather **(1mk)**

……

……

……

b) Identify **five** elements of weather **(5mks)**

……

……

……

……

……

c) State **five** factors that influence the amount of solar radiation reaching the surface of the earth **(5mks)**

……

……

……

……

……

6. a) Define dew point **(1mk)**

……

……

b) State **three** forms of precipitation **(3mks)**

……

……

……

c) State **three** conditions that favor formation of dew **(3mks)**

……

……

……

d) i) Name **three** types of frog **(3mks)**

……

……

……

ii) With clearly, well labelled diagrams, explain the formation of relief rainfall **(7mks)**

7. a) i) Define Isobar **(1mk)**

……

……

ii) List down **four** factors that are considered when putting up a weather station **(4mks)**

……

……

……

……

b) Name **three** instruments that are found at a weather station **(3mks)**

……

……

……

C) State **three** characteristics of a Stevenson's screen **(3mks)**

……

……

……

8. a) Name **two** layers of the atmosphere **(2mks)**

……

……

b) Define weather forecasting **(2mks)**

……

……

c) Name **three** methods of weather forecasting **(3mks)**

……

……

……

d) State **four** challenges that face weather forecasting in providing accurate information to the people **(4mks)**

……

……

……

……

e) State **four** factors influencing weather **(4mks)**

……

……

……

……

FORM 1 EXAMINATION TRIALS

GEOGRAPHY

PRACTICE TEST 3

TIME: 2 HOURS

Answer All the questions in the spaces provided

1.a} Give three reasons why it is important to study **geography** **(3mks)**

……

……

……

b)Name any three study areas in physical **geograghy** **(3mks)**

……

……

……

2.a) What is a line of longitude**?** **(2mks)**

……

……

b)What is the local time at Alexandria 30˚ E when the locak time at malindi 40˚ E is 12:00 noon?

(4mks)

……

……

……

……

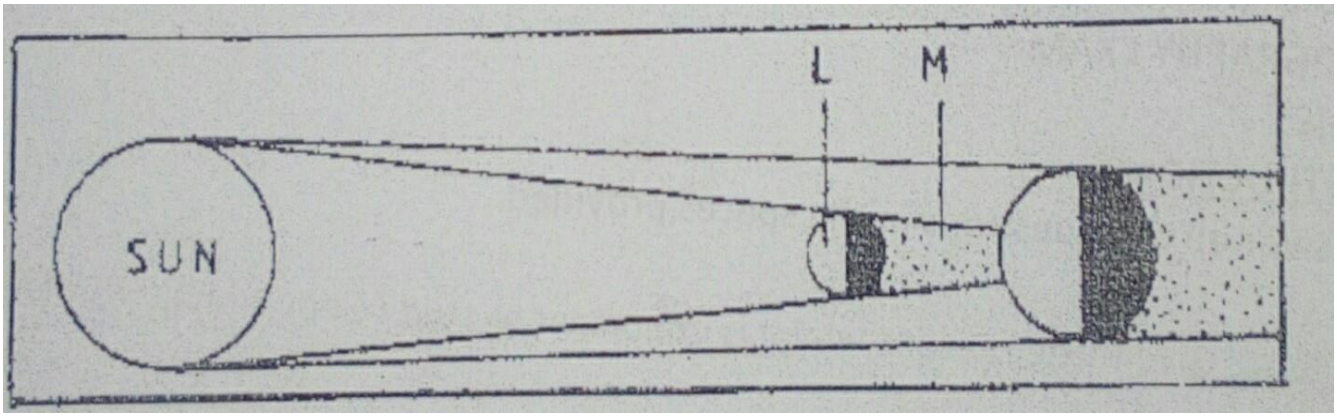
……

c)What is a solar system **(2mks)**

……

……

ii) Use the diagram below and answer the questions that follow



What type of eclipse is represented by the diagram **(1mk)**

……

……

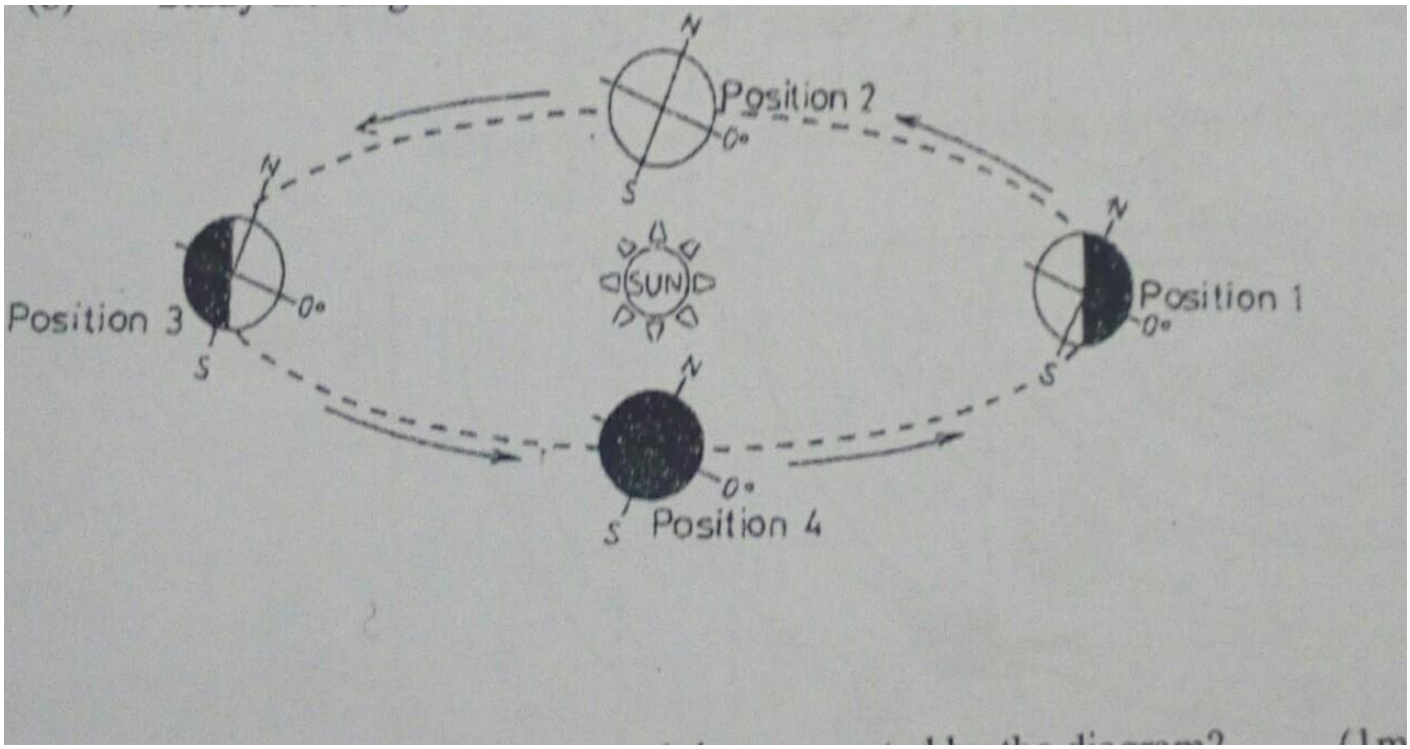
Name the features marked L and **M** **(2mks)**

……

……

……

3 a) Study the diagram below and answer the questions that follow



i) Which movement of the earth is represented by the diagram **(1mk)**

……

ii) Give four effects of the movement represented by the **diagram** **(4mks)**

……

……

……

……

b) Name two planets without antural satellites in the solar system **(2mks)**

……

……

c) Give three forces that are responsible for the sheriucal shape of the **earth** **(3mks)**

……

……

……

d) Give three characteristics of the **mantle** **(3mks)**

……

……

……

4 a) Differentiate between weather and **climate** **(2mks)**

……

……

i) What is a weather **station** **(1mk)**

……

……

ii) Outline five factors to be taken into account when sitting a weather station **(5mks)**

……

……

……

……

……

……

iii) List down three instruments kept in a stevenson screen **(3mks)**

……

……

……

iv) Highlight atleast four qualifications which make a stevenson screen suitable for its work **(4mks)**

……

……

……

……

5.a) Outline five factors affecting temperature **(5mks)**

……

……

……

……

……

b) What is condensation **(2mks)**

……

……

ii) Outline the causes of condensation **(4mks)**

……

……

……

……

6 a) Describe how convectional rainfall is **formed** **(6mks)**

……

……

……

……

……

……

b) Highlight four characteristics of conventional rainfall **(4mks)**

……

……

……

……

7 a) What is precipitation **(1mk)**

……

……

b) Highlight three forms of precipitation **(3mks)**

……

……

……

FORM 1 EXAMINATION TRIALS

GEOGRAPHY

PRACTICE TEST 4

TIME: 2 HOURS

Answer All the questions in the spaces provided

1.(a) Define the following terms:

(i) Environment **(2mks)**

……

……

(ii) Ecology **(2mks)**

……

……

(iii) Habitat **(2mks)**

……

……

(b) **(i)** List two main branches of Geography **(2mks)**

……

……

(ii) Give four areas that are of great importance to a physical Geographer **(4mks)**

……

……

……

……

2. (a) Give three importance of studying Geography **(6mks)**

……

……

……

……

……

……

……

(b) Explain how Geography is related to the following disciplines:

(i) Meteorology and climatology **(4mks)**

……

……

……

……

……

……

(ii) Demography **(3mks)**

……

……

……

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

……

……

(b) Name two heavenly bodies forming the members of the solar system **(2mks)**

……

……

……

(c) **(i)** Name two theories explaining the origin of the solar system **(2mks)**

……

……

(ii) Give three weaknesses of the passing star theory **(3mks)**

……

……

……

(iii) What do you understand by the term astronomy? **(1mk)**

……

……

4. (a) What is the shape of the Earth? **(1mk)**

……

……

(b) Explain four proofs supporting the fact that the Earth is spherical **(8mks)**

……

……

……

……

……

……

……

……

……

……

5. (a) Define the following:

Rotation of the Earth **(2mks)**

……

……

9. Revolution of the Earth **(2mks)**

……

……

(b)(i) State four effects of the revolution of the Earth **(4mks)**

……

……

……

……

On what date of the year is sun overhead at mid day along the Tropic of Cancer? **(1mk)**

……

……

6. (a) What is an eclipse? **(2mks)**

……

……

……

(b) State three characteristics of each of the following parts of the Earth:

(i) The core **(3mks)**

……

……

……

……

(ii) Atmosphere **(3mks)**

……

……

……

……

7. (a) Define the following as elements of weather:

a) Temperature **(1mk)**

……

……

b) Humidity **(1mk)**

……

……

c) Air pressure **(1mk)**

……

……

(b) Give three factors affecting the amount of solar radiation reaching the Earths surface **(3mks)**

……

……

……

(c) Give three significance of variability of humidity in the atmosphere **(3mks)**

……

……

……

……

FORM 1 EXAMINATION TRIALS

GEOGRAPHY

PRACTICE TEST 5

TIME: 2 HOURS

Answer All the questions in the spaces provided

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)**

……

……

……

……

1O. a) What is a map **(2marks)**

……

……

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

……

……

……

……

iv. Outline five uses of maps **(5marks)**

……

……

……

……

……

11.a) List down three methods used in analyzing 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)**

……

……

……

FORM 1 EXAMINATION TRIALS

GEOGRAPHY

PRACTICE TEST 6

TIME: 2 HOURS

Answer All the questions in the spaces provided

1) a) Name two branches of Geography. **(2mks)**

……

……

……

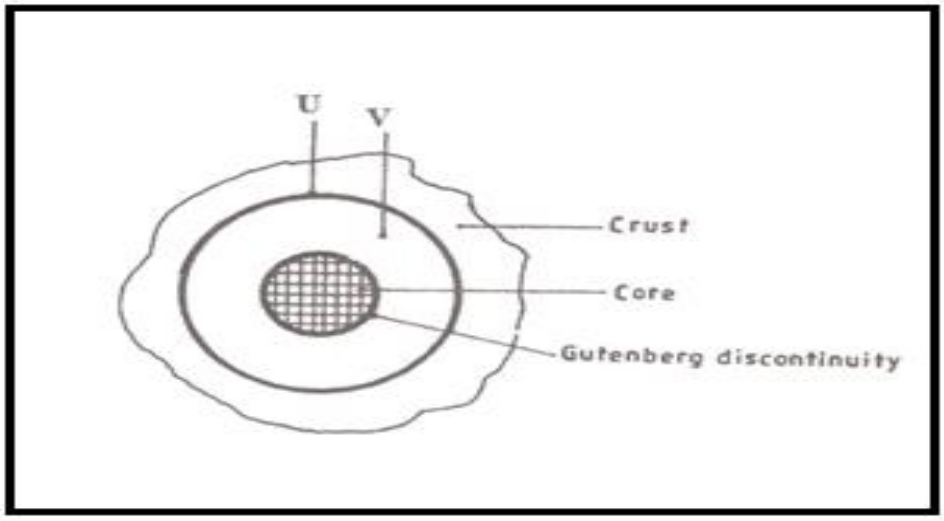
b) What is the relationship between Geography and Mathematics? **(2mks)**

……

……

……

2) The diagram below represents the internal structure of the earth. Use it to answer question a)



a) Name the parts marked U and V. **(2mks)**

……

……

b) Describe the composition of the

i) Crust. **(4mks)**

……

……

……

……

ii) Core. **(4mks)**

……

……

……

……

3) a) i)Describe the solar system. **(2mks)**

……

……

ii) The local time at manual 60^0W is 11.30am. What is the time in Nairobi 37^0E. **(3mks)**

……

……

……

b) Give five proofs that the earth is spherical. **(5mks)**

……

……

……

……

……

c) State two effects of the rotation of the earth. **(2mks)**

……

……

4) a) i) Define the term weather. **(2mks)**

……

……

……

ii) Explain how the following factors influence weather

a) Cloud cover. **(4mks)**

……

……

……

……

……

b) Local winds. **(4mks)**

……

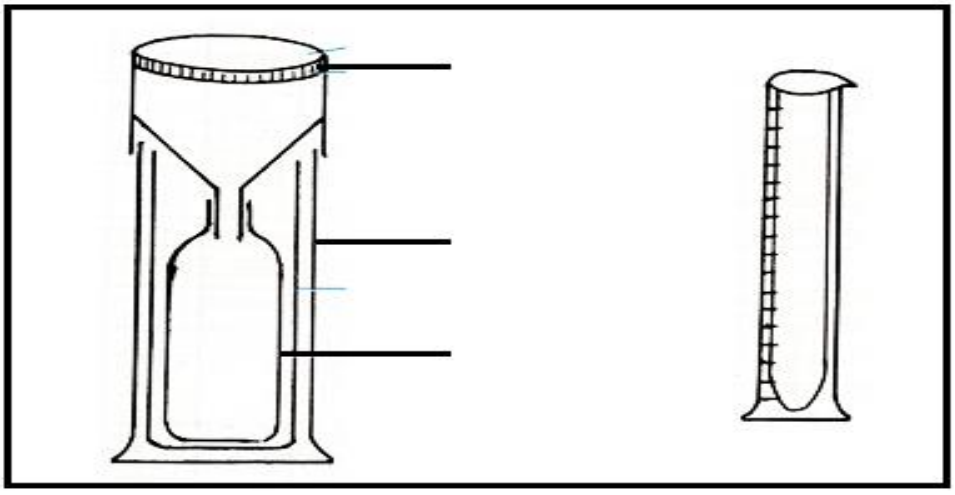
……

……

……

……

5) The diagram below represents a weather measuring instrument. Use it to answer question (b)



b) Which element of weather is measured using the instrument shown above? **(1mk)**

……

……

ii) Describe how the instrument is used. **(3mks)**

……

……

……

……

c) The table below shows the temperature and rainfall readings for station T in one week. Use it to answer question (c)

Day	Mon	Tue	Wed	Thu	Fri	Sat	Sun
Temperature ^{0}C	23	23	24	21	25	25	23
Rainfall in mm	50	49	49	45	60	60	49

c) i) Calculate:

The range of temperature for the week. **(1mk)**

……

……

The mean weekly rainfall. **(2mks)**

……

……

ii) State four benefits of weather forecasting. **(4mks)**

……

……

……

……

d) Give four characteristics of the stratosphere. **(4mks)**

……

……

……

……

6) Suppose your class carried out a field study on weather around your school environment;

i) Give four methods the class used to collect data in the field. **(4mks)**

……

……

……

……

ii) State three advantages of studying weather through fieldwork. **(3mks)**

……

……

……

iii) State three problems likely to be encountered during fieldwork. **(3mks)**

……

……

……

7) a) Give three types of maps. **(3mks)**

……

……

……

b) State any two uses of maps. **(2mks)**

……

……

c) i) Name two types of scales. **(2mks)**

……

……

ii) Give the uses of scales in a map. **(2mks)**

……

……

FORM 1 EXAMINATION TRIALS

GEOGRAPHY

PRACTICE TEST 7

TIME: 2 HOURS

Answer All the questions in the spaces provided

1. Define geography **(2mks)**

……

……

……

2. Define the term environment. **(2mks)**

……

……

……

3. Name two branches of geography. **(2mks)**

……

……

……

4. A part from planets name two other heavenly bodies. **(2mks)**

……

……

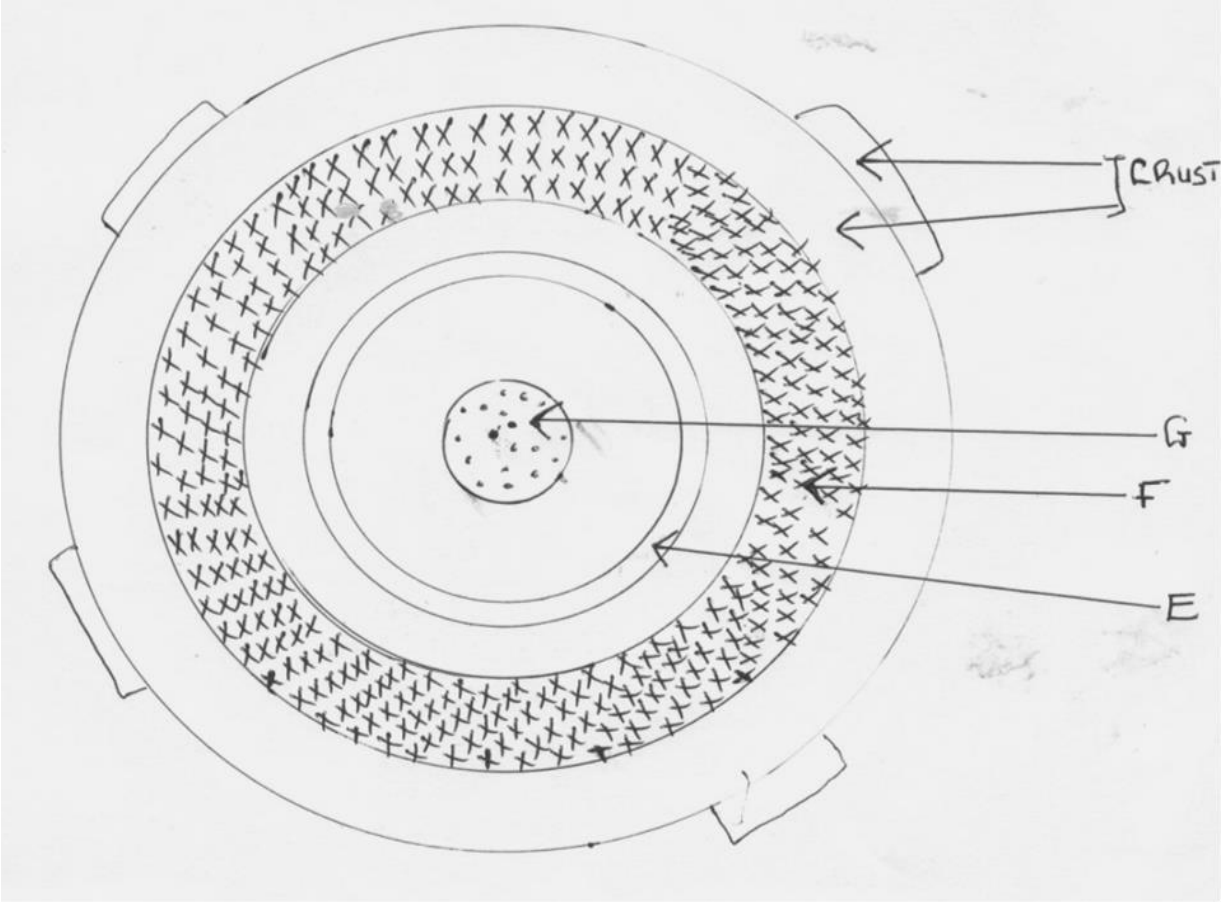
……

5. What is a longitude. **(2mks)**

……

……

6. The diagram below shows the structure of the earth. Use it to answer questions a and b.



a) Name parts marked E, F and G. **(3mks)**

E

F

G

b) Name the minerals that make the crust. **(2mks)**

……

……

7. Give two dates in a year when the number of hours of daylight and darkness are equal . **(2mks)**

……

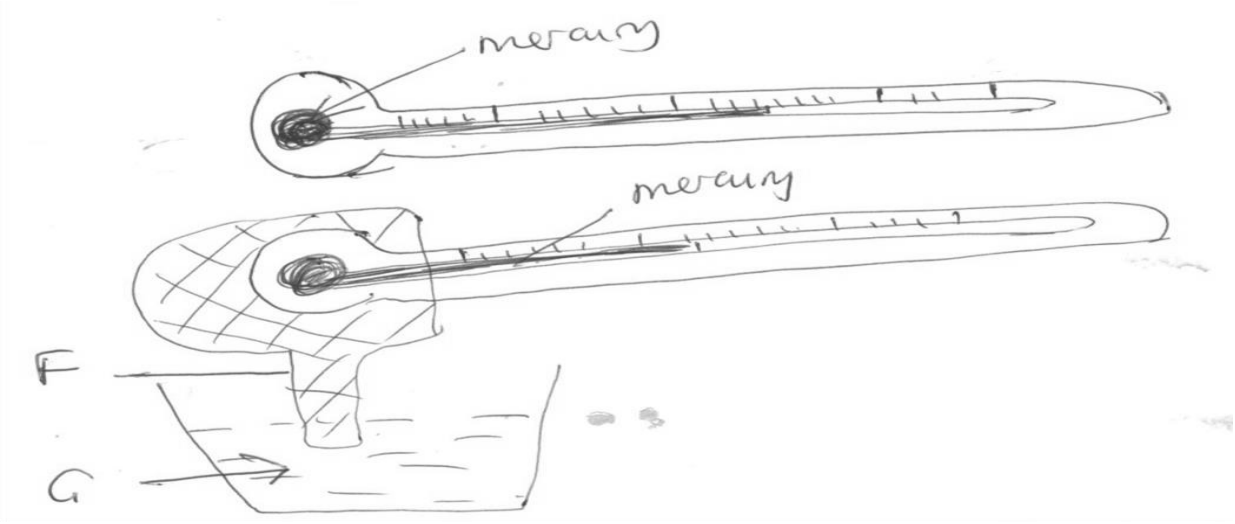
……

8. State two theories that have been put forward to explain the origin of the earth. **(2mks)**

……

……

9. The diagram below shows a set up of two thermometers use it to answer question (i) and (ii) .



i) Which instrument is represented by the two thermometers? **(1mk)**

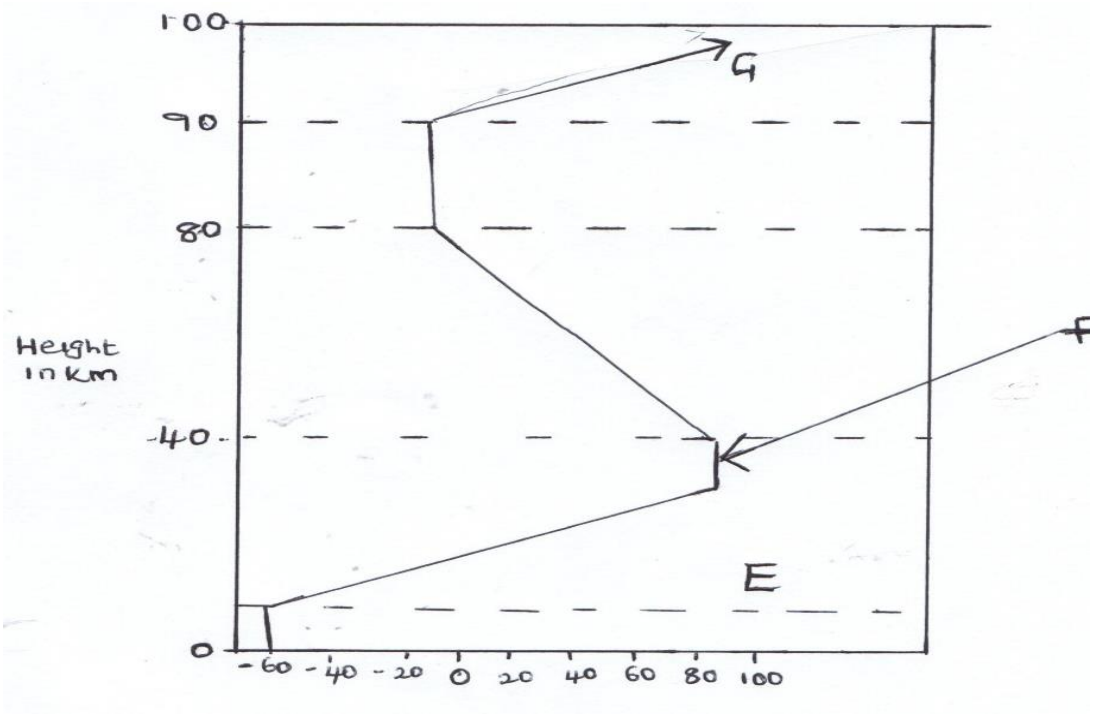
……

ii) Name the parts labeled F and G **(2mks)**

……

……

10. The diagram below represents the structure of the atmosphere name parts labelled(3mks)



I

J

K

SECTION B 75 MARKS

Answer all questions in the spaces provided.

11A) Identify three areas studied in human geography. **(3mks)**

……

……

……

b) Explain four reasons why geography is studied in Kenyan schools**.** **(8mks)**

……

……

……

……

……

……

……

……

……

……

c) Name four subjects that relate with geography. **(4mks)**

……

……

……

……

……

12a) State three effects of earth's rotation on its own axis. **(3mks)**

……

……

……

……

b) Use a well-labeled diagram to show how a lunar eclipse occurs. **(6mks)**

c) Explain three proofs that earth is spherical. **(6mks)**

……

……

……

……

……

……

……

……

13a) Define weather. **(2mks)**

……

……

b) Name five elements of weather. **(5mks)**

……

……

……

……

……

c) State three factors to consider when citing a weather station **.** **(3mks)**

……

……

……

d) Name three gases that make the earth's atmosphere. **(3mks)**

……

……

……

e) State two reasons why weather forecasting is important. **(2mks)**

……

……

……

14a) Draw a map of Kenya on the map label the following

i) River Tana and Athi. **(2mks)**

ii) Mt Kenya **(1mk)**

iii) The equator **(1mk)**

c) Draw a diagram of the globe and label three important line of latitude. **(3mks)**

d) Draw a well-labeled diagram of relief rainfall. **(6mks)**

15a) State three factors that affect amount of insolation reaching the earth's surface. **(3mks)**

……

……

……

b) Name three types of clouds'. **(3mks)**

……

……

……

c) Name three instruments that are kept in the Stevenson's screen. **(3mks)**

……

……

……

d) The data below shows temperature of Thika town recorded on **24/1/2023**

Maximum Temperature 20^0c

Minimum Temperature 15^0

(i) Calculate diurnal range of temperature for Thika town. **(2mks)**

……

……

……

ii) Calculate the mean daily temperature for Thika town. **(2mks)**

……

……

……

e) Name the elements of weather measured by the following instruments

i) Anemometer **(1mk)**

……

ii) Barometer **(1mk)**

……

FORM 1 EXAMINATION TRIALS

GEOGRAPHY

PRACTICE TEST 8

TIME: 2 HOURS

Answer All the questions in the spaces provided

1. What is Geography? **(2mks)**

……

……

2. State four reasons why it is important to study Geography **(4mks)**

……

……

……

……

3. a) Name two branches studied in Geography **(2mks)**

……

……

b) Name three areas studied in practical Geography **(3mks)**

……

……

……

c) State the relationship between Geography and Mathematics **(2mks)**

……

……

……

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

……

……

b) Name four components of the solar system **(4mks)**

……

……

……

……

c) State three characteristics of the earth **(3mks)**

……

……

……

5. a) Name two theories that explain the origin of the earth and the solar system **(2mks)**

……

……

b) Give three weaknesses of the passing star theory **(3mks)**

……

……

……

6. a) Describe the shape of the earth **(2mks)**

……

……

b) Name the forces that resulted to the spherical shape of the earth **(3mks)**

……

……

……

c) State four proofs that explain the spherical shape of the earth **(4mks)**

……

……

……

……

d) Use a well labeled diagram to describe the lunar eclipse **(7mks)**

7. a) Name two movements of the earth **(2mks)**

……

……

b) State four effects of earth's rotation **(4mks)**

……

……

……

……

c) Differentiate summer solstice and winter solstice **(4mks)**

……

……

……

……

d) What is Equinox? **(2mks)**

……

……

8. a) State three characteristics of the crust **(3mks)**

……

……

……

b) Name three components of the atmosphere **(3mks)**

……

……

……

c) Name three layers of the atmosphere **(3mks)**

……

……

……

d) State three characteristics of the Troposphere **(3mks)**

……

……

……

e) Differentiate positive lapse rate and negative lapse rate **(4mks)**

……

……

……

……

9. a) Define these terms **(4mks)**

i) Statistics

……

……

ii) Data

……

……

b) Name two types of statistical data **(2mks)**

……

……

c) State three sources of primary data **(3mks)**

……

……

……

d) State three sources of secondary data **(3mks)**

……

……

……

e) State three advantages of using observation as a method of data collection **(3mks)**

……

……

……

10. a) Differentiate between weather and climate **(4mks)**

……

……

……

……

b) State three characteristics of a Stevenson's screen **(3mks)**

……

……

……

c) State three reasons why data can be inaccurate **(3mks)**

……

……

……

d) Explain briefly how you can measure rainfall using a rain gauge **(4mks)**

……

……

……

……

FORM 1 EXAMINATION TRIALS

GEOGRAPHY

PRACTICE TEST 9

TIME: 2 HOURS

Answer All the questions in the spaces provided

1. Name the branches of Geography **(3marks)**

……

……

……

2. Explain the relationship between Geography and the following disciplines

a. Mathematics **(2marks)**

……

……

b. History **(2marks)**

……

……

3. Define the following terms.

a. Galaxy **(2marks)**

……

……

b. Milky Way **(2marks)**

……

……

4. Name two planets without satellites. **(2marks)**

……

……

Explain the origin of the earth according to the nebula cloud theory **(4marks)**

……

……

……

……

5. State the reasons why the earth has life on it. **(3marks)**

……

……

……

6. Explain three forces that contribute to the shape of the earth. **(6marks)**

……

……

……

……

……

……

7. Calculate the following.

c. What is the longitude of station x when it is 08:00am while in Nairobi at longitude 37°E the time is 12.00 noon? **(2marks)**

d. What is the time at point Y 30°W when the time at point Z is 20°E is 4:00pm? **(2marks)**

8.

a. What is the International Date Line? **(2marks)**

……

……

b. State the effects of International Date Line? **(2marks)**

……

……

……

9. List the five main latitudes on the globe. **(5marks)**

……

……

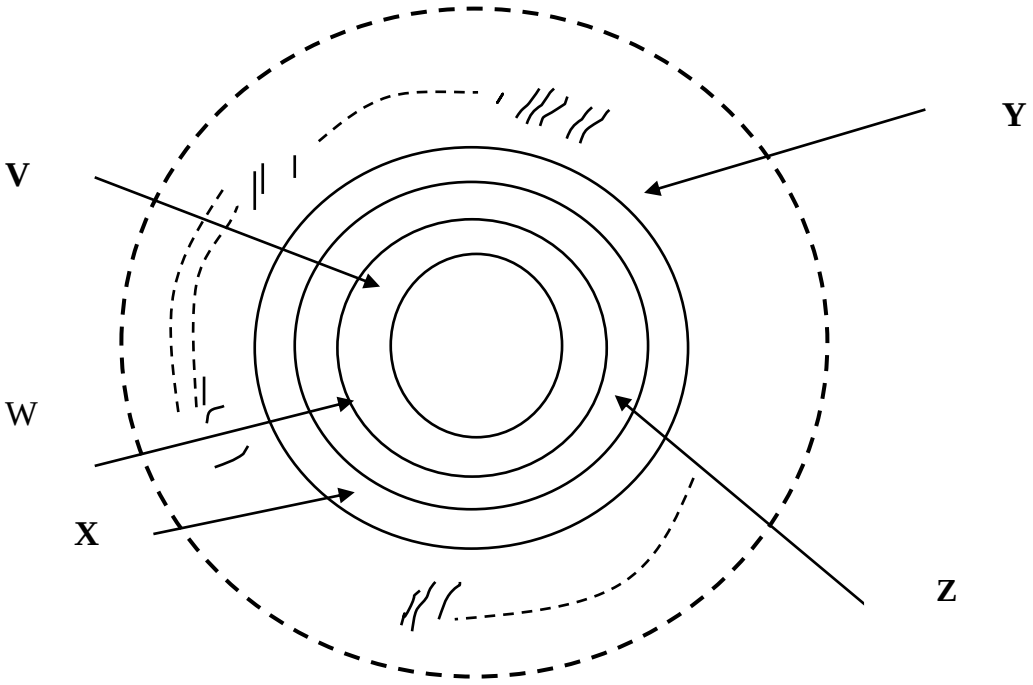
……

……

……

……

10. The diagram below represents the structure of the earth. Use the diagram to answer questions that follows.



- Label all parts of the above diagram. **(5marks)**

V
W
X
Y
Z

- List the composition of the crust. **(2marks)**

……

……

……

- Name the other layer of discontinuity that make up the interior of the earth. **(1mark)**

……

11.

a. Define weather **(2marks)**

……

……

b. Identify five elements of weather **(5marks)**

……

……

……

……

……

c. What considerations should be put into account while siting a weather station?**(4marks)**

……

……

……

……

d. Give five characteristics of the Stevenson's screen **(5marks)**

……

……

……

……

……

e. What are the elements of the weather measured from a Stevenson's screen? **(2marks)**

……

……

12.

a. Describe the way a rain gauge works. **(4marks)**

……

……

……

……

b. Why is it possible that the data recorded in a school weather station will not be accurate? **(3marks)**

……

……

……

……

13. Identify the ways in which clouds are classified. **(3marks)**

……

……

……

……

14.

a. Using a well labeled diagram, describe the occurrence of relief rainfall **(6marks)**

b. Outline the characteristics of Inter-tropical convergence zone (ITCZ). **(4marks)**

……

……

……

……

15.

a. Students from one of the schools in Kirinyaga county, carried out a field study in Kerugoya Market. What five preparations did they make apart from making a work schedule? **(5marks)**

……

……

……

……

……

……

b. Why will it be necessary to make a work schedule before the study? **(3marks)**

……

……

……

16. State three disadvantages of using interviewing method in the field study**.** **(3marks)**

……

……

……

17. Study the statistical data below and answer the questions that follow

Month	**J**	F	M	A	M	J	J	A	S	O	N	D
Rainfall in mm	39	40	67	163	240	72	64	68	79	103	96	67

- Calculate the mean of the rainfall amounts. **(2marks)**

……

……

……

- The annual range of rainfall **(2marks)**

……

……

……

……

FORM 1 EXAMINATION TRIALS

GEOGRAPHY

PRACTICE TEST 10

TIME: 2 HOURS

Answer All the questions in the spaces provided

1. a) Define the term Geography. **(1mk)**

……

……

b) State any four reasons why we study Geography. **(4mks)**

……

……

……

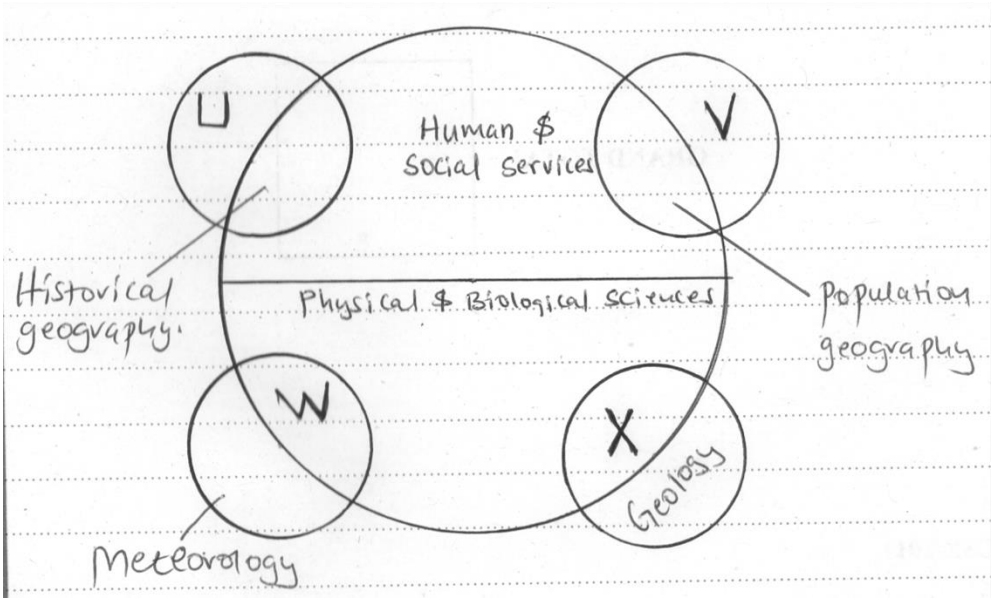
……

c) Geography as a subject relates widely with other subjects. Explain how Geography relates with mathematics. **(2mks)**

……

……

d) The diagram below shows the relationship between geography and other disciplines.



Name the disciplines marked **U,V,W and X.** **(4mks)**

U

V

W

X

2. a) What is the solar system? **(1mk)**

……

……

b) Name two planets without natural satellites in the solar system. **(2mks)**

……

……

c) Give three forces that are responsible for the spherical shape of the earth. **(3mks)**

……

……

……

d) Highlight three proofs that the earth is spherical. **(3mks)**

……

……

……

……

e) What is a solstice? **(1mk)**

……

……

ii) State three effects of the revolution of the earth. **(3mks)**

……

……

……

……

f) State the effect of crossing the international dateline from West to East. **(1mk)**

……

……

ii) If the local time in town A at longitude 20^0E is 10am, What will be the time at town B at longitude 10^0W? **(3mks)**

……

……

……

……

g i) Give three reasons why the interior of th earth is very hot. **(3mks)**

……

……

……

……

ii) The diagram below shows the internal structure of the earth. Use it to answer the question below.

Name the parts marked X and Y. **(2mks)**

……

……

3. a) Define the term weather. **(1mk)**

……

……

……

b) Name two forms of precipitation.

……

……

……

c) The amount of solar radiation which reaches the earths surface depends on a number of factors. Name three factors. **(3mks)**

……

……

……

……

d) What is a weather station? **(1mk)**

……

……

……

e) Outline three factors to consider when siting a weather station.

……

……

……

……

f) What is weather forecasting. **(1mk)**

……

……

ii) Give three reasons why recording of data at a school weather station may be inaccurate.

(3mks)

……

……

……

g) The following table shows rainfall and temperature of town X.

Months	J	F	M	A	M	J	J	A	S	O	N	D
Temp(^{0}C)	23	24	26	28	29	28	26	26	26	30	28	25
Rainfall (mm)	3	0	3	1	18	500	720	408	300	70	15	0

Using the figures given find;

i) The total annual rainfall **(2mks)**

ii) The wettest month. **(1mk)**

iii) The mean monthly rainfall. **(2mks)**

iv) The annual range of temperature. **(1mk)**

v) The hottest month. **(1mk)**

4. a) What is a map? **(1mk)**

……

……

……

b) State three types of maps. **(3mks)**

……

……

……

……

c) Give four uses of maps. **(4mks)**

……

……

……

……

……

……

d) Name three types of marginal information you would find on a map sheet. **(3mks)**

……

……

……

……

……

e) State two types of scales used in a map **(2mks)**

……

……

……

5. a) Define the term statistics. **(1mk)**

……

……

b) Differentiate between primary data and secondary data. **(2mks)**

……

……

……

c) Highlight three disadvantages of observation as a method of collecting data. **(3mks)**

……

……

……

……

d) The table below shows the amount of rainfall of station A. Use a bar graph to represent the data **(5mks)**

Months	J	F	M	A	M	J	J	A	S	O	N	D
Rainfall (mm)	260	200	300	450	500	180	200	200	350	400	150	100

e) State one advantage of using a bar graph. **(1mk)**

……

……

6. . Form one students from a certain school planned to visit a weather station for field study.

a) State four objectives for their study. **(4mks)**

……

……

……

……

……

b) Name the various data to be collected. **(4mks)**

……

……

……

……

……

c) State the methods they would use to collect data. **(5mks)**

……

……

……

……

……

……

d) What are the likely problems they are likely to encounter during the field study**. (4mks)**

……

……

……

……

……

e) Suggest the possible solutions to be the problems highlighted in (d) above) **(4mks)**

……

……

……

FOR THE FOLLOWING;

- ✓ONLINE TUITION
- ✓REVISION NOTES
- ✓SCHEMES OF WORK
- ✓SETBOOKS VIDEOS
- ✓TERMLY EXAMS
- ✓QUICK REVISION KITS
- ✓KCSE TOPICALS
- ✓KCSE PREMOCKS
- ✓TOP SCHOOLS PREMOCKS
- ✓JOINT PREMOCKS
- ✓KCSE MOCKS
- ✓TOP SCHOOLS MOCKS
- ✓JOINT MOCKS
- ✓KCSE POSTMOCKS
- ✓TOP SCHOOLS PREDICTIONS
- ✓KCSE PREDICTIONS
- ✓KCSE REVEALED SETS

CALL/TEXT 0746 222 000

CALL/TEXT/WHATSAPP

0746 222 000

mwalimuconsultancy@gmail.com

THIS IS A PRODUCT OF MWALIMU CONSULTANCY

POWERED BY MR ISABOKE

SUCCESS