

GEO FORM ONE MARKING SCHEME
TERM 3, 2023
MARKING SCHEME

1. (a) Give two Greek words from which the term geography was coined. (2mks)

Geo
Graphien

(b) Define the term geography. (2mks)

Study of earth as a home of man. / study of distribution and interrelationship of natural and human phenomena on the earth surface.

2. (a) Name three main components of the universe. (3mks)

Heavenly bodies
Earth
Sky

(b) Apart from the moon, give two other natural satellites. (2mks)

Titan
Triton

3. (a) State five reasons why the study of geography is important. (5mks)

Facilitates good relationship among nations by studying geography of other regions of the world.

it's a career subject in that it enables one to go for advanced studies in specialized fields e.g. geography teachers, meteorology, surveying etc.

Enables us to appreciate other people's way of life by learning economic activities of different communities within our country and other parts of the world.

Enables us to conserve our environment when we learn negative and positive effects of human activities on the environment.

Enables us to conserve our resources when we learn wise use of resources in conservation and management of resources e.g. wildlife, forests, energy, etc.

Inculcates in us virtues of cooperation and patience as we work in groups.

Makes us to appreciate manual work as we are involved in practical geography which may lead to self-employment.

Promotion of industry such as tourism by guiding tourists to places of interest by using maps, calculations of distances etc.

(b) Name three study areas under human geography. (3mks)

Agriculture
Forestry
Mining
Fishing

Wildlife and Tourism

4. State three effects of the revolution of the Earth on its Orbit. (3mks)

It causes seasons.

It causes aphelion and perihelion. Aphelion is when the earth is far from the sun. Perihelion is when the earth is near the sun.

It causes different length in days and nights. During revolution, the length of days and night are equal at the equator. This is called equinox. In Northern and Southern hemisphere, length of days and nights vary. This is called solstices.

Causes Lunar eclipse

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

Place set aside for purpose of observing, measuring and recording weather elements.

(b) State four factors considered when citing a weather station. (4mks)

Open place with free flow of Air

Away from buildings, trees and other Tall structures

Fairly level ground but not Flat

A secure place

6. State four proofs that the earth is spherical. (4mks)

It is possible to fly or sail right round the earth following one direction and coming back to the same point of origin

When the ship is approaching the port, you will see the smoke first, then other parts gradually.

Sun appears earlier in East than the west.

The shadow during eclipse of the moon.

All other planets are spherical, also planet earth.

Satellites photographs.

7. The time at Conakry (Guinea) 10° W is 10.00am. What is the time at Mogadishu 37°E? (3mks)

$$37 + 10 = 47$$

$$(47) \div 4 = 11.75 \text{ hours}$$

$$= 11 \text{ hrs } 45 \text{ mins}$$

$$10 \text{ a.m.} + 11.75$$

$$1:08 \text{ pm}$$

8. The data below shows temperature of Thika town recorded on 24/1/2014

Maximum Temperature 20°C

Minimum Temperature 15°C

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

daily max. – daily min.

200 - 150

= 50

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

daily max. + daily min.

2

= $\frac{200 + 150}{2}$

2

= 175 c

9. State any four methods of recording Statistical Data. (4mks)

Field sketching

Tabulation

Tallying

Taking photographs

Tape recording

Note taking

Labelling samples

Filling in the questionnaires

10. Convert the following statement scales into R.F and ratio scales.

a. 1 cm represents 2 Km. (2mks)

1km = 100000 cm

2km = cm?

$\frac{1}{200000}$

200000 or 1:200000

b. 1 cm represents 500 M. (2mks)

1m = 100cm

500m = ? cm

$\frac{1}{50000}$

50000 or 1: 50000

11. You are required to carry out a field work on soils around your school:-

(i) State three preparations you made before the actual day of field work (3mks)

-carried out a reconnaissance /persist

- identified the tools to be used during the fieldwork
- prepared a working schedule
- asked for permission from relevant authorities
- held discussions in groups
- state the objectives/hypotheses

(ii) State any two problems you encountered during the field work (2mks)

- hostile weather due to heavy rains
- attacks by wild animals
- lack of resource pesos
- some areas were inaccessible

