

TERM THREE 2023

FORM TWO

MARKING SCHEME

GEOGRAPHY

1 (i) Give two dates in a year which the number of hours of darkness is equal in both the north and the south poles. (2mks)

- **21st March**
- **23rd September**

ii) Why do the lengths of day and night vary from one part of the earth to the other? (2mks)

- **The earth is tilted on its axis**
- **The revolution of the earth**

2 Differentiate between latitude lines from longitude lines. (4mks)

- **Latitudes are imaginary lines drawn on a map or a globe that show how far a place is from the equator while longitudes are imaginary lines drawn on a map or a globe that show how far a place is from the prime meridian.**

3. With the aid of a well labeled diagram, describe how relief rainfall is formed. (6mks)

4. A) (i) Apart from rift valley, name two other relief features that were formed by tension forces. (2mks)

- **Tilt blocks**

- **Escarpments/scarp slope**
- **Block mountains/horsts.**

(ii) State four effects of faulting (4mks)

- **Fault scarps make it difficult to construct roads & railways**
- **Depressions in the rift valley contain water that forms lakes.**
- **Step faulting makes rivers have water falls.**
- **Steep slopes stand to discourage settlement.**

b) State three human activities that cause earthquakes (3mks)

- **Explosions from nuclear tests**
- **Trains and explosives used in quarries**
- **Construction of large reservoirs.**

5. a) Differentiate weather from climate (2mks)

- **Weather is the atmospheric condition of a place over a short period of time while climate refers to the average weather condition of a place over a long period of time usually 30-35 years.**

b) Mention three factors affecting climate of an area. (3mks)

- **Altitude**
- **Distance from the sea**
- **Aspect**
- **Latitude**

6a) Name three types of North. (3mks)

- **Grid North**
- **True North**

- **Magnetic North**

b) State two ways used in locating places in a map. (2mks)

- **Use of direction, bearing and distance**
- **Use of place names**
- **By use of latitudes and longitudes**
- **By use of grid reference system.**

7. a) Name two main types of photographs (2mks)

- **Aerial photographs**
- **Ground photographs**

b) The following table shows major crops grown in country X by area in 1000 hectares.

Major crops by area in 1000 hectares.

Year	Barley	Wheat	Oat
2010	5000	2200	1100
2011	5300	2500	1000
2012	6100	2200	900
2013	6000	2300	800

Draw a comparative bar graph to present the data (6mks)

8. Students of Star Boys went for field study at a weather station in their school

a) Mention three methods they used to collect data (3mks)

- **Interview**
- **Questionnaire**
- **Observation**
- **Experimentation**

b) State three objectives for their study. (3mks)

- **To find out if all instruments are working**
- **To establish the instruments used to measure weather**
- **To investigate how the weather and climatic data are analyzed.**