**TERM THREE 2023**

**F** **ORM 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 drown on a map or a globe that show how far a place is from the equator while longitudes are imaginary lines drown 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 ton 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 date are analyzed**.