

MARKING SCHEME

GEOGRAPHY

FORM ONE TERM 1

1. (a) What is Geography? (2 marks)

- **It's the scientific study of the earth as a home of man.**
- **It's the study of interrelationship on natural and human phenomena on the earth's surface.**

[b] Name three branches of Geography. [3 marks]

- **Practical geography**
- **Human geography**
- **Physical geography**

(c) Outline four important reasons of studying geography. (4mks)

- **Facilitates good relationship among nations**
- **It is a career subject**
- **Enables us to appreciate other people's way of life**
- **Enables us to conserve environment when we learn negative and positive effects ao human activities on the environment**
- **Inculcates in us virtues of cooperation and patience as we work in groups**
- **Makes us appreciate manual work as we are involved in practical geography**

(d) List four disciplines related to geography (4mks)

- **Geology** - **Biogeography**
- **Geomorphology** - **Hydrology**
- **Climatology**
- **Pedology**

2. (a) What is;

Rotation of the earth (2mks)

- **Refers to the movement of the earth on its own axis**

Revolution of the earth (2mks)

- **Refers to the movement of the earth on its orbit around the sun**

(b) Give four effects of the rotation of the earth (4mks)

- **Causes day and night**
- **Causes rising and falling of tides**
- **Causes time difference between longitudes**
- **Causes deflection of winds and ocean current in the Northern and Southern hemisphere**

(c) List two theories that are related to the origin of the solar system (2mks)

- **Nebula cloud theory**
- **Passing star theory**

(d) Identify the limitations of the passing star theory (2mks)

- **Does not explain the origin of the sun and the star**
- **There are minimal chances of another star approaching**
- **Materials would disperse than condense**

(e) Highlight four proofs that the earth is spherical (4mks)

- **The earth's horizon appears circular when standing on a higher ground**
- **All planets appear round when viewed through the telescope**
- **Circumnavigation**
- **The earth always rotates from west to east. The sun rises from east to west**
- **Photographs taken by satellites at a great distance from space show that the earth is round**

(f) Highlight the four layers of the atmosphere (4mks)

- **Troposphere**
- **Stratosphere**
- **Mesosphere**
- **Thermosphere**

(g) What is?

(i) Solar eclipse (2mks)

- **Eclipse seen when the moon lies between earth and sun**

(ii) Lunar eclipse (2mks)

- **An eclipse that occur when earth lies between the sun and moon**

(h) List three forces that determine the shape of the earth (3mks)

- **Force of gravity**
- **Centripetal force**
- **Centrifugal force**

(i) List three reasons why the interior of earth is hot (3mks)

- **The interior part cooled at a slower rate than the outer part thus retaining a lot of heat**
- **Due to radioactivity**
- **High pressure exerted by the overlying rock material**

3. (a) What is weather? (2mks)

- **The daily atmospheric conditions of a particular place at that particular time**

(b) Highlight four elements of weather (4mks)

- **Temperature**
- **Sunshine**
- **Precipitation**
- **Wind**
- **Air pressure**
- **Cloud cover**
- **Humidity**