

## MARKING SCHEME

### GEOGRAPHY FORM 2

#### OPENER EXAM TERM 1 2025

#### *INSTRUCTIONS: ANSWER ALL QUESTIONS*

1. a. Define the term Geography. (1MK)

Geography is the study of the Earth as a home of man.

- a. State four subjects or disciplines related to Geography. (4mks)

- Agriculture - History -Biology -Geology -Chemistry
- Economics -Meteorology and climatology -Medicine -Mathematics
- Demography - Civil engineering

- c. Define the solar system. (1mk)

The solar system is made up of the sun (a star), the planets and other heavenly bodies.

- d. State three weaknesses of the passing star theory. (6mks)

- Chances of another star approaching the sun are minimal
- High temperatures material drawn from the sun or from the star would disperse rather than condense.
- It does not explain where the sun and the passing star came from.

2. a. Name the first four planets in their order starting with the one closer to the sun. (4mks)

-Mercury – Venus – Earth – Mars

- b. State four effects of the rotation of the earth. (4mks)

- It causes day and night
- It causes a difference of one hour between meridians  $15^{\circ}$  apart.
- It causes variation of atmospheric pressure on the earth surface.
- It causes rising and falling of ocean tides.
- It causes deflection of winds and ocean currents.

- c. List the four layers of the atmosphere. (4mks)

- The troposphere
- The stratospheres

- The mesosphere
- The thermosphere

3. a. Name the instrument used to measure the following elements of weather.

Temperature – Thermometer

Air pressure – Barometer

Humidity – Hygrometer

Speed of wind – Anemometer

b. Using a well labeled diagram explain the formation of Cyclonic rainfall.

4. a. What is mining? (1mk)

-Mining refers to all attempts to extract valuable minerals either solid, liquid or gas from the earth's crust.

b. State the type of mineral mined in the following areas. (4mks)

<u>Area</u>	<u>Mineral</u>
i. Mwadui	- Diamonds
ii. Kerio valley	- Fluorspar
iii. Kariandusi	- Diatomite
iv. Bamburi	- Limestone

c. State four significance of mineral in Kenya. (4mks)

- Development of industries.
- Development of transport and communication.
- Empowerment opportunities.
- Development of settlement.
- Growth of tours.
- Earning foreign exchange.

5. a. Name four petroleum Middle East exporting countries. (4mks)

- Saudi Arabia
- Kuwait
- Iraq

- United Arab Emirates
- Qatar
- Bahrain

b. State four contributions of Gold to the economy of South Africa. (4mks)

- It earns the country foreign exchange
- It offers employment to many people
- It has led to growth of towns.
- Improvement of infrastructure.

