

NAME: _____ ADM NO.: _____

CLASS: _____ DATE: _____ SIGNATURE: _____

FORM 1

GEOGRAPHY

TERM 2 OPENER

TIE: 2½HRS

TOPSKILLS PUBLISHERS EXAMS

INSTRUCTIONS

1. Answer **all** the questions in the spaces provided
2. All answers **MUST** be written in correct English and spelling
3. All diagrams **MUST** be drawn in pencil

1. a) Define the following terms as used in Geography (3mks)

i. Environment

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ii. Habitat

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iii. Ecology

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b) Name the **three** branches of Geography (3mks)

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c) List down **five** reasons why it is important to study Geography (5mks)

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d) Briefly explain the relationship between Geography and the following branches of knowledge (4mks)

i. Geography and mathematics

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ii. Geography and chemistry

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2. a) Define the following terms as used in Geography (3mks)

i. Solar system

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ii. Orbit

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iii. Galaxy

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b) State **two** theories that explain the origin of the solar system (2mks)

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c) Name **three** forces that contribute to the spherical shape of the earth (3mks)

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d) State **five** proofs that the earth is spherical (5mks)

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3. a) Differentiate between the rotation of the earth and revolution of the earth. (2mks)

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b) State **three** effects of revolution of the earth

(3mks)

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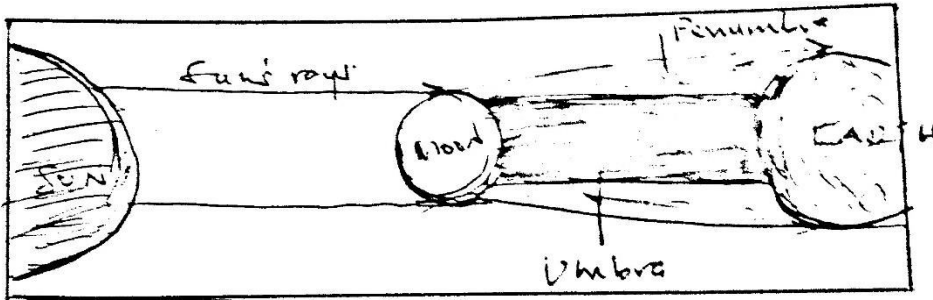
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c) i) Identify the type of eclipse shown in the following diagram

(1mk)



ii) Explain how the above eclipse occur

(4mks)

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4. a) Name **two** internal layers of the earth

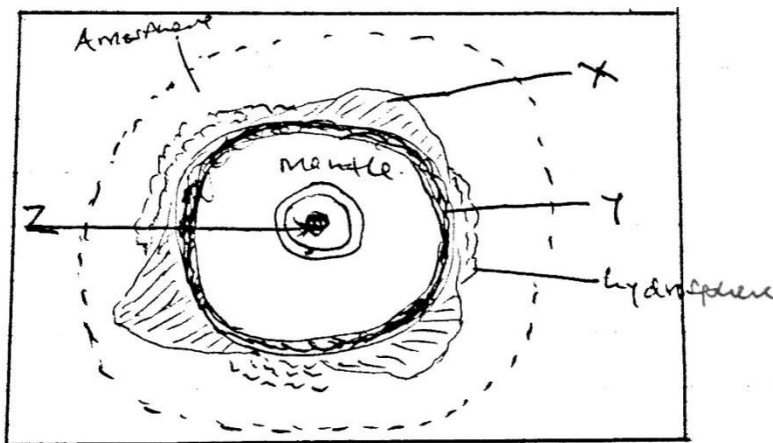
(2mks)

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b) Use the diagram below to answer the questions that follow

(3mks)



Name the;

- i. Discontinuity marked Y
- ii. The layer marked X
- iii. The layer marked Z

c) State **three** reasons why the interior of the earth is very hot (3mks)

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5. a) Define weather (1mk)

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b) Identify **five** elements of weather (5mks)

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c) State **five** factors that influence the amount of solar radiation reaching the surface of the earth (5mks)

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6. a) Define dew point (1mk)

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b) State **three** forms of precipitation (3mks)

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c) State **three** conditions that favour formation of dew (3mks)

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d) i) Name **three** types of fog (3mks)

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ii) With clearly, well labelled diagrams, explain the formation of relief rainfall (7mks)

7. a) i) Define Isobar (1mk)

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ii) List down **four** factors that are considered when putting up a weather station (4mks)

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b) Name **three** instruments that are found at a weather station (3mks)

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c) State **three** characteristics of a Stevenson's screen (3mks)

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8. a) Name **two** layers of the atmosphere (2mks)

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b) Define weather forecasting (2mks)

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c) Name **three** methods of weather forecasting (3mks)

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d) State **four** challenges that face weather forecasting in providing accurate information to the people (4mks)

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e) State **four** factors influencing weather (4mks)

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