**NAME……………………………………ADM. NO………………**

**312**

**GEOGRAPHY**

**FORM ONE**

**TIME: 2HOURS**

**BRAIN QUEST SERIES FORM 1 END OF YEAR** **EXAMS 2023**

**INSTRUCTION**

1. Answer **all** the question in the spaces provided.
2. Check the question paper to ensure **al**l the question are available and none is missing.
3. Answer all the question in English.
4. Define the following terms
5. Habitat (2mks)
6. Geography (2mks)
7. Identify the term that describe the following statements (4mks)

|  |  |
| --- | --- |
| **Statement** | **Terms** |
| 1. Study of the rock material
 |  |
| 1. Study of weather and climate
 |  |
| 1. Study of soils
 |  |
| 1. Study of population
 |  |

1. Identify **three** ways a form one student would benefit from studying Geography. (3mks)
2. Identify names of planets associated with the following phrases (4mks)

|  |  |
| --- | --- |
| **Phrase** | **Names of planet** |
| 1. God of war
 |  |
| 1. God of sea
 |  |
| 1. God of the underworld
 |  |
| 1. God of agriculture
 |  |

1. Give **four** effects of rotation of earth (4mks)
2. Name the imaginary lines marked **Z,X,Y** and **Q** in the diagram below (4mks)



1. State **four** characteristics of the mantle (4mks)
2. Give **three** reason why the interior of the earth has high temperature (4mks)
3. Outline **four** factors that determine the amount of solar radiation reaching the earth surface (4mks)
4. Highlight **three** conditions under which dew form (3mks)
5. Give **four** types of fog (4mks)
6. Give **four** characteristics of convectional Rainfall (4mks)
7. Classify the following clouds as either High ,Middle or Low clouds (using tick

|  |  |  |  |
| --- | --- | --- | --- |
| **Types of clouds** | **High** | **Middle** | **Low** |
| 1. Cumulus
 |  |  |  |
| 1. Cirro Stratus
 |  |  |  |
| 1. Stratus
 |  |  |  |

1. Name **four** instruments kept in a Stevenson screen (4mks)
2. The following table shows rainfall and temperature of Town Q .Using the figures given .Find

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Month | J | F | M | A | M | J | J | A | S | O | N | D |
| TempoC | 23 | 24 | 26 | 28 | 29 | 28 | 26 | 26 | 26 | 30 | 28 | 25 |
| Rainfall | 3 | 0 | 3 | 1 | 18 | 500 | 700 | 408 | 300 | 70 | 15 | 0 |

1. Total Annual Rainfall
2. Mean Monthly Rainfall
3. Wettest month
4. Annual range of Temperature
5. (a) Differentiate between discrete data and continuous data (2mks)

(b) Identify **four** factors that should be considered when preparing a questionnaire (4mks)

1. State **four** methods of recording statistical data (4mks)
2. (a)Define the term Map (2mks

(b)Name **three** types of maps(3mks)

(c) Give **four** informations found on the margin of a map sheet (4mks)

1. Convert the following statement scales into representative fraction (R.F) scale
2. 1 cm rep 1km (2mks)
3. 1 cm rep 200m (2mks)
4. 1 cm rep 0.05 km (2mks)
5. Outline **three** ways used to measure distance on a curved line (3mks)
6. Give **four** reasons why preparing a working schedule is important before carrying out a field study (4mks)
7. Classify the following rocks as either Igneous , Sedimentary or Metamorphic rocks. (4mks)

|  |  |
| --- | --- |
| **Rocks** | **Classification** |
| 1. Slate
 |  |
| 1. Sandstone
 |  |
| 1. Coal
 |  |
| 1. Gabbro
 |  |

1. Give **four** physical characteristics of minerals (4mks)
2. Name the places where the following menarals are found in Kenya (4mks)

|  |  |
| --- | --- |
| **Minerals** | **Places** |
| Soda ash |  |
| Fluorspar |  |
| Crude oil |  |
| Diatomite  |  |