**NAME:……………………………… ……………………………..ADM NO…………………**

**GEOGRAPHY FORM 2**

**MARCH APRIL 2019**

**MWAKICAN JOINT EXAMINATIONS – 2019**

**INSTRUCTIONS TO STUDENTS:**

1. **Write your name, admission number and class in the spaces provided.**
2. **Answer all the questions in this paper.**
3. **All answer must be written in the spaces provided.**
4. **Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.**
5. a)Name any two areas of study in human Geography. 2mks

b) State any three reasons why it is important to study Geography. 3mks

1. a)State any two effects of ;
2. the rotation of the earth 2mks
3. revolution of the earth 2mks

b) The time at Nairobi on Longitude 37˚ E is 1.00p.m.What time would it be at a place whose longitude is 41˚E? 3mks

1. a)What is the solar system 1mk

b)The diagram below shows the composition of the solar system .Use it to answer the questions that follow.

 

Name the planets marked

F-

 G- 2mk

1. a)The diagram below represents the type of an eclipse.

 

1. What type of eclipse is it? 1mk
2. Name the features marked L and M. 2mks

L-

M-

1. a)Define the term weather . 2mks

b)Name two elements of weather that can be recorded at a school weather station. 2mks

c) Describe a suitable site where you would locate a weather station in your school.4mks

d) Using a well labeled diagram, explain how convectional rainfall is formed. 6mks

1. a)Define statistics. 2mks

b) What is the significance of statistics in Geography. 3mks

c) Use the table below to answer the questions that follow.

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Months  | Jan  | Feb  | Mar  | Apr  | May  | Jun  | Jul  | Aug  | Sep  | Oct  | Nov  | Dec  |
| Temp˚ | 25 | 26 | 26 | 24 | 23 | 22 | 21 | 21 | 22 | 22 | 22 | 22 |
| Rainfall (mm) | 42 | 40 | 73 | 171 | 90 | 89 | 163 | 160 | 71 | 68 | 64 | 42 |

1. ***On the graph paper provided,draw a simple line graph representing temperature for the station above(use a scale of 1cm to rep 5˚c. 5mks***
2. What are the advantages of using a simple line graph to rep data. 2mks
3. Calculate the total annual rainfall for the station. 2mks
4. Calculate the annual range of temperature for the stations .2mks
5. (a) (i) What is a rock? 2mks

(ii) State any three uses of rocks. 3mks

b)Give any two examples of ;

i) Intrusive igneous rocks. 2mks

ii) Volcanic igneous rocks. 2mks

c)The table below shows metamorphic equivalent of some igneous & sedimentary rocks.

|  |  |
| --- | --- |
| **Original rock** | **Metamorphic equivalent** |
| Granite | a |
| Shale | Schist |
| b | Quartzite |
| c | Marble |
| Clay & mudstone | slate |

1. Which original rock is represented by

b-

c- 2mks

1. What is the metamorphic equivalent of Granite. 1mk
2. (a)List down four ways in which mineral ores occur. 4mks

(b) List down any three main methods used in mining . 3mks

c)Where are the following minerals mined in Kenya.

1. Diatomite
2. Limestone-
3. Floursphar - 3mks
4. a)What are Earth movements. 2mks

b)Name the two types of earth movements that occur within the Earth’s crust. 2mks.

c)Explain how the continents were formed using the continental drift theory. 6mks

1. a)Draw a diagram to show a simple fold on it .Mark and label.
2. An Anticline
3. A Syncline
4. A Limb 4mks

b)(i) What is the difference between Orogeny and Orogesis. 2mks

(ii) Name a fold mountain found in the following continents.

 North America-

 South America-

 Asia - 3mks

1. a. Explain how the Rift valley was formed by Tensional forces. 6mks

b) Students are planning to carry out a filed study of an area affected by faulting.

1. State any two advantages of having a pre-visit to the area. 2mks
2. Apart from Rift valley, name any other feature formed as a result of faulting. 2mks
3. Give any disadvantage of using observation to study such an area. 1mks