**NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_CLASS: \_\_\_\_\_\_\_\_\_\_\_\_ADM NO: \_\_\_\_\_\_\_\_\_\_\_**

**312/2**

**GEOGRAPHY**

**PAPER 312**

**END OF TERM TWO**

 **FORM 1 EXAM**

**Time: 2HOURS**

**INSTRUCTIONS TO CANDIDATES**

**Answer All question in the spaces provided**

**All Answers must be written in English**

|  |  |  |
| --- | --- | --- |
|  | 1  |  |
| 2 |  |
| 3 |  |
| 4 |  |
| 5 |  |
|  | 6 |  |
| 7 |  |
| 8 |  |
| 9 |  |
| **TOTAL**  |  |  |

**INSTRUCTIONS: ANSWER ALL QUESTIONS IN THE SPACES PROVIDED.**

1a) Define the following terms

i) Ecology (2mks)

ii) Pedology (2mks)

b) Apart from the sun name four components of the solar system (4mks)

2) a)Give four characteristics of the earth (4mks)

b). Name four major phases of the moon (4mks)

3. a) Give three weaknesses of the passing star theory. (3mks)

b). Differentiate between geology and geomorphology ( 2 Marks)

4a). Name three types of rainfall (3mks)

b). Identify four types of fog (4mks)

5a (i) What name is given to the shape of the earth (1Mk**)**

ii) Give two dates in a year when the hours of darkness are equal to the hours of light at the poles (2Mks)

iii) What is the time at Hola on 40oE when time at Tema on 0O longitude

 is 12.00 noon. (2Mks)

6a). Name two types of clouds that give rise to rainfall in tropical region (2Mks)

b) Identify four elements of weather and the instrument used to measure them(8mks)

c) i).State four apparatus found in stevension screen (4mks)

ii). Outline four conditions that make a Stevenson screen suitable to work (8mks)

7. The table below show temperature and Rainfall readings for station T. in a month Use it to answer questions a (i)

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Month** | **J** | **F** | **M** | **A** | **M** | **J** | **J** | **A** | **S** | **O** | **N** | **D** |
| **Temp oc** | 23 | 24 | 23 | 22 | 19 | 17 | 18 | 19 | 19 | 20 | 22 | 23 |
| **Rainfall** | 109 | 112 | 130 | 76 | 52 | 34 | 28 | 38 | 70 | 108 | 102 | 120 |

(a) i) Calculate annual range of temperature (2mks)

1. Calculate the annual rainfall (2mks)
2. Calculate mean annual rainfall (2mks)

b). Apart from rainfall give four types of precipitation (4mks)

c).Identify three types of field works (3mks)

d). State the first six field work procedures used while collecting data (6mks)

8.a). Outline eight preparation you would make before carrying out a field study. (8mks**)**

 (b). Give four sources of primary data (4mks)

c). Highlight four problems you are likely to encounter during the field study (4mks)

9. a). Give four features of a sketch map ( 4marks)

(b). State three uses of a map (3marks)

 ( c). Name three types of scales used in a map (3marks)