**ST.CLARE GIRLS HIGH SCHOOL-GATITU**

**FORM 2 ENDTERM 1 GEOGRAPHY 2017**

**Attempt all questions in this paper name………………………………………………………….adm…………………**

1. a) Define the term solar system (1mk) ……………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

b) List down two theories that explain the origin of the solar system (2mks)……………………………………………………………………………………………………………………

2a) Give a brief explanation about the origin of the earth (4mks)---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

b) Name the four layers of the atmosphere.(4mks)----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------c) Outline down four proofs that the earth is spherical (4mks) ---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------3a) List down four effects of rotation of the Earth (4mks)----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

b)With the aid of a well labeled diagram, explain how solar eclipse occurs (4mks)

4a) Define the term weather (1mk) ----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------b) List down four factors that determine the amount of solar radiation which reaches the earth surface. (4mks) --------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

5a) Explain the term humidity (1mk)------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------- **b)** Differentiate between absolute humidity and relative humidity (2mks)--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

6a) What is the meaning of the term winds? (1mks) -------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

b) With Aid of well labeled diagrams explain how land and sea breezes occur (6mks)

7a) Name the four main zones of the atmosphere (4mks)……………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………… b) Differentiate between negative, positive and zero lapse rate. (3mks) …………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

8 The table below shows rain fall and temperature in town x use it to answer the questions that follow

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Months | j | F | M | A | M | J | J | A | S | O | N | D |
| Temp °C | 23 | 24 | 26 | 28 | 29 | 28 | 26 | 26 | 26 | 30 | 28 | 25 |
| Rainfall mm | 3 | 0 | 3 | 1 | 18 | 500 | 720 | 408 | 300 | 70 | 15 | 0 |

1. Calculate
2. The total annual rainfall (2mks)
3. The mean monthly rainfall (2mks)
4. The annual range of temperature (2mks)
5. The mean annual temperature (2mks)
6. Using the table indicate the following
7. The wettest month (1mks)
8. The hottest month (1mk)
9. The coolest month (1mk)

10a) Define the term Earth movements (1mk) ………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

b)mention 4 periods of fold mountain building (4mks)………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

c) List down two types of earth movements. (2mks)…………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

11a) Give 4 causes of earth movements. (4mks) ……………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

b) List down three evidences supporting continental drift theory (3mks)………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………..

c) List down three types of boundaries associated with plate tectonic movements. (3mks)……………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………..

12a) Define the term folding (1mk)……………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

b)Name 3 theories that explain the formation of fold mountains.(3mks)……………………………………………………………………………………………………………………………………………………………………………………………………………………………………

c) List down 7 different types of folds (7mks) ………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………..............................

d) List down three features resulting from folding (3mks) …………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….

e) Fill in the gaps below (5mks)

Fold mountain where found

1. Atlas \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** Europe
3. **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** Asia
4. Andes **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
5. **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  North America

f) Give three significances of folding to human activities (3mks) ………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………..

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