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

**GEOGRAPHY**

**FORM ONE**

**TIME:**

**Answer all the questions in the spaces provided.**

1. (a) Name the branches of Geography. (3 mks)

 (b) Explain the relationship between Geography and Chemistry. (4 mks)

 2. (a) What is Solar Eclipse? (2 mks)

 (b) Using a diagram, explain how a solar eclipse occurs. (5 mks)

 (c) What are the effects of the International Date Line? (2 mks)

 (d) State five effects of rotation of the earth. (5 mks)

3. (a) Name the dominant minerals in the:-

 (i) Sial (2 mks)

 (ii) Sima (2 mks)

 (iii) Mantle (1 mk)

 (iv) Inner core (1 mk)

 (b) What is the composition of the earth’s atmosphere? (5 mks)

4. (a) Define Sunshine. (2 mks)

 (b) State two factors which determine the amount of sunshine. (2 mks)

 (c) (i) State four conditions that are necessary for the formation of fog. (4 mks)

 (ii) Name five types of fog. (5 mks)

5. (a) Name two types of questionnaires. (2 mks)

 (b) What are the qualities of a good questionnaire? (5 mks)

6. (a) You are supposed to carry out a field study of a weather observatory.

 (i) Give four methods you would use to collect data at the observatory. (4 mks)

 (ii) How would you record you findings in the field? (2 mks)

 (b) Give reasons why reconnaissance was necessary for this field study. (6 mks)

 (c) Study the temperature data in the table below for Anestar Boys Bahati and answer the question that

 follows.

|  |  |
| --- | --- |
| **MONTH** | **TEMPERATURE (oc)** |
| Jan | 24 |
| Feb | 24 |
| Mar | 24 |
| Apr | 23 |
| May | 23 |
| Jun | 22 |
| Jul | 22 |
| Aug | 22 |
| Sep | 23 |
| Oct | 24 |
| Nov | 24 |
| Dec | 23 |

 Using the data above, draw a Simple Line Graph for Anestar Boys Bahati. Use a vertical scale of 1cm

 to represent 5oC. (5 mks)