**ST CLARE GIRLS HIGH SCHOOL GATITU, P.O. BOX 327 – 01030, GATUNDU**

**FORM 1 ENDTERM TERM 2 2017 GEOGRAPHY**

**NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_CLASS\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ADMNO\_\_\_\_\_\_\_\_\_**

**Answer all the questions in this paper**

1 a) Define the term atmosphere (1mk)

b) Name four layers of atmosphere (1mk)

c) What is meant by normal environmental lapse rate (1mk)

d) Give any two characteristics of the atmosphere (2mks)

2 a) what is weather forecasting (1mk)

b) Give any two instruments that are used in modern weather forecasting (5mks)

c) Give any five significance of weather forecasting (5mks)

d) Give any five factors that hinder weather forecasting (5mks)

e) Name six factors that influence weather (6mks)

3 a) Define the term statistical methods (1mk)

b) Give three sources of primary data (3mks)

c) Give any five sources of secondary data (5mks)

d) What is meant by?

i) Discrete data

ii) Continuous data (2mks)

e) i) Mention 7 methods of data collection (7mks)

ii) Give three types of sampling techniques (3mks)

f i) List down 9 methods of recording data (9mks)

4 a) Define the term questionnaire (1mk)

b) Give any four qualities of a good questionnaire (4mks)

c) List down 3 disadvantages of using interview method (3mks)

d) Below is the mean monthly temperatures of an area x

Month J F M A M J J A S O N D

Temperature 19 18 19 20 22 24 25 24 23 22 21 20

Use this data to draw a simple line graph (5mks)

e) The table below shows the direction of wind in a certain month

Direction of wind N NE E SE S SW W NW CALM NO.OF DAYS

NO of days 2 3 4 1 3 4 5 6 3 31

Use it to draw a simple wind rose (5mks)

5. Use the data given below to answer the questions that follow

10,3,15,7,10,9,15,10,7,8,6,5

Find i) Mean (average) (2mks)

ii) Mode (1mk)

iii) Median (1mk)

iv) Range (1mk)

6 a) Name the 8 planets in the universe (8mks)

b) What is i) an asteroid (1mk)

ii) a comet (1mk)

c) Give the shape of the earth (1mk)

d) Give any three proofs that the earth is spherical (3mks)

e) What is the effect of crossing the international date line from

i) East (2mks)

ii) West (2mks)

f) If the local time in London (52o N, 0O) is 12.00 Noon, fin the local time of Nairobi (10 S, 37O E) (3MKS)

g) State ANY two effects of rotation of the earth (2mks)

h) Give any three reasons why the interior or the core of the earth has high temperatures (3mks)