**ST. CLARE GATITU SECONDARY SCHOOL**

**GEOGRAPHY FORM 3**

**END TERM 2 2017**

**SECTION A (Answer all questions)**

1 a) Name three ways in which wind erosion takes place in the arid areas (3mks)

b) What is pastoralism? (2mks)

2 a) The feature shown below is as a result of wind erosion. Name the feature (1mk)

2 b) Name two physical factors that influence agriculture (2mks)

3 a) Define the term ‘’hydrological cycle’’ (2mks) b) Name three storage processes in the hydrological cycle (3mks)

4 a) Name three ways in which a river erodes its bed and banks (3mks)

b) Define the term river capture (2mks)

5 a) Name ANY three ways in which chemical weathering takes place (3mks)

b) Give 3 examples of slow mass wasting (3mks)

c) What is dairy farming (1mk)

**SECTION B (Answer question 6 and any other two questions in this section)**

6. Study the map of Migwani (1:50,000) sheet 151/1 provided and answer the following questions

a) i) Give the longitudinal extent of the area covered by the map (2mks)

ii) What is the magnetic variation of the map (2mks)

iii) Give the six figure grid reference for the junction of the roads D503 and D507 (2mks)

b i)Using a vertical scale of 1cm to represent 100 meters, draw a cross section along the line marked J-K (4mks)

II) On it mark and label the following

* + 1. Footpath
    2. Road
    3. Water pipeline
    4. Steep slope

iii) Calculate the vertical exaggeration of the cross section (2mks)

c) Citing evidence from the map, give three economic activities carried out in the area covered by the map (6mks)

d) Explain how relief has influenced the distribution of settlements in the area covered by the map (4mks)

7 a)

i) What is the difference between weathering and mass wasting?

ii) List five processes involved in chemical weathering

b) Explain 5 ways in which soil creep occurs

c) Describe three effects of soil

8 a)(i) Define the term lake (2mks)

ii) Name two lakes that result from crustal wrapping (2mks)

iii) Give 2 examples of each of the following (6mks)

* + 1. Crater lakes
    2. Lava dammed lake
    3. Solution lakes

iv) Give two reasons why lake Baringo is a fresh water lake (2mks)

v) Give two reasons why lake Naivasha is a fresh water lake (2mks)

VI) Give an example of a meteorite lake (1mk)

vii) Discuss any five significance of lakes (10mks)

9 a) State two processes through which wind erodes the desert surfaces (2mks)

b) Name 3 features resulting from wind erosions in arid lands (3mks)

c) Using a well labeled diagram describes the formation of a barchans (5mks)

d) Apart from a barchans name other feature associated with wind deposition

in a desert (3mks)

e) Differentiate Mesas and Buttes (2mks)

f) Explain the significance of water and wind in arid areas (10mks)

10 a) (i) what is agriculture (1mk)

(ii) Name three factors influencing agriculture (3mks)

(iii) Name three areas where shifting cultivation is practiced (3mks)

b (i) what is nomadic pastoralism (2mks)

iii) Name three communities in Africa that practice nomadic pastoralism (2mks)

c (i) Name two counties where maize is grown on large scale in Kenya (2mks)

ii) Give any two uses of maize (2mks)

d (i) state 4 characteristics of horticulture (4mks)

(ii) State five problems facing wheat farming in Kenya (5mks)

XXXXXXXXXXXXXXXXXXXXXXXXXXX END XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX