**GATITU MIXED SECONDARY SCHOOL**

**END OF MID-TERM EXAM TERM II 2014**

**GEOGRAPHY FORM III**

**SECTION A 25 MKS**

1. (a) Distinguish between weathering and mass wasting. (2mks)

(b) Give three types of slow mass wasting (3mks)

2. Compare the following:

(a) Destructive and constructive margins. (2mks)

(b) Equinox and solstice. (2mks)

(c) State one limit of passing star theory. (1mk)

3. (a) Explain two causes of ocean currents. (2mks)

(b) State three types of tides. (3mks)

4. (a) Define the term glaciations. (1mk)

(b) Identify and explain two types of glacier. (4mks)

5. (a) Enumerate two forces that originate and act towards the center of the earth. (1mk)

(b) With the aid of a diagram, distinguish between an Over fold and a recumbent fold. (4mks)

**SECTION B 75 MKS**

**Answer question 6 and any other two questions in this section.**

**Study the map of Karatina 1:50,000 (sheet 121/3) provided and answer the following questions.**

6. (i) What is the longitudinal extent of the map: (2 marks)

(ii) Name the two districts from where the map has been taken from. (2 marks)

(iii) What is the approximate height of the hill at grid reference 047507? (1 mark)

b. (i) Give three types of natural vegetation found to the north of nothings 60. (3 marks)

(ii) What is the approximate area of Karatina town (municipality) (2 marks)

(iii) Measure the approximate distance of the district boundary not covered by the forest. (2 marks)

(iv) Citing evidence from the map, identify two main cash crops grown in the area covered by the map.

(2 marks)

C. (i) Citing evidence from the map, explain three factors that favors tea growing in the area covered by

the map. (6 marks)

(ii) Describe the drainage of the area covered by the map. (5 marks)

7. (i) What is a river catchment? (1mk)

(ii) State three conditions which lead to the rejuvenation of a river. (6mks)

(iii) Explain how a river capture occurs. (4mks)

(iv) List four characteristics of a flood plain. (2mks)

(v) Explain six benefits of a river to man. (6mks)

(vi) Explain three ways through which a river transports its load. (6mks)

8. a. (i) Define the term weather forecasting. (1mk)

(ii) Describe the factors that hinder weather forecasting. (6mks)

(iii) Explain five ways in which lake Victoria has influenced the climate of the surrounding area. (10mks)

(iv) What is the significance of water vapor to the atmosphere? (3mks)

b. (i) Identify three main types of fieldwork. (3mks)

(ii) Outline four major characteristics of field work. (2mks)

9. . a) (i) Define the term faulting? (2 marks)

(ii) State any two characteristics of lakes formed due to faulting. (2 marks)

(iii) With the help of a well labeled diagram, explain how the rift valley is formed through tension.

(7 marks)

b) A group of students carried field work in the rift valley around Naivasha.

(i) Give any four preparations that they undertook. (4 marks)

(ii) Give any two reasons why it would be appropriate to divide the students into groups. (2 marks)

(iii) Explain any four importance of faulting to human activities. (8 marks)

1. a) Explain how the following factors influence wind deposition in arid areas.
   1. Nature of desert surface. (4 marks)
   2. Strength and direction of wind. (4 marks)

b) (i) Apart from sand dunes, name two other major features that result from wind deposition in arid areas. (2 marks)

(ii) Using well labeled diagrams, describe the formation of a barchans. (8 marks)

c. (i) Name four deserts found on western side of the continents. (4 marks)

(ii) State three reasons for the existence of deserts on Western Coasts. (3 marks)