**312**

**GEOGRAPHY FORM 2**

**MWAKICAN**

**END TERM 1 2016**

**TIME: 2 ½ HRS**

**NAME............................................................................................**

**ADM.................................**

**CLASS..............................**

**INSTRUCTIONS:**

**1. The paper comprises two sections A and B**

**2. Attempt all the questions in Section A and B**

SECTION A

1. a) Define Geography. (2mks)

b) Explain the relationship between Geography and Biology. (2mk)

2.a) Name two types of earth movements. (2mks)

b) Describe the origin of continents according to continental drift theory. (3mks)

3.a(i) Describe the plate tectonic theory. (1mk)

B(i) Differentiate between faulting and folding. (2mks)

ii) Name two types of folds. (2mks)

4.a) Name three types of rocks according to their mode of formation. (3mks)

b) Mention two areas where sedimentary rocks are found in Kenya. (2mks)

5.a) State three characteristics of the troposphere. (3mks)

b) Give three factors that may be considered when classifying the clouds. (3mks)

**SECTION B**

6.) Study the map of Migwani (sheet 151/1) provided and answer the questions that follow

a)(i) Define the term map. (2mks)

ii) Identify three types of maps. (3mks)

b(i) Convert the scale of the map into a statement scale. (2mks)

ii) Identify two human made features in the grid square 9274. (2mks)

c(i) What is the bearing of the Air Photo Principal point at grid square 9162 from the Air Photo Principal point at grid square 9167. (2mks)

ii) What is the length of the water pipeline to the east of the area covered by the map. Give your answer in KM.(2 mks)

d)i) What is the magnetic variation of the area coverd by the map.(1 mk)

ii) Identify two methods used to represent relief on the area shown by the map.(2 mks)

e) Students of a school at Itoloni carried a field study at Gwani town

i) Name two types of road they used to travel to Gwani.(2 mks)

ii) Name one man-made features they found on the way to Gwani.(1 mk)

f) Students from Usiani school are required to carry out a field study of Mutito forest in the area covered by the map

i) Give one reason why they reguire a route map.(1 mk)

7. a) Define the term earthquake.(2 mks)

b) i) Give three main types of regions where earthquakes occur.(3 mks)

ii) Outline two types of earthquakes waves.(2 mks)

c) Describe five ways in which the earth’s crust is affected by earthquakes.(5 mks)

8. a) Differentiate between absolute and relative humidity.(2 mks)

b) i) State three significances of humidity in the atmosphere.(3 mks)

c) i) What is precipitation?(2 mks)

ii) Give three condations necessary for the formation of dew.(3 mks)

d) i) Describe land breeze(5 mks)

9. a) i) What is faulting?(2 mks)

ii) Apart from normal fault and reversed faults, name three other types of faults.(3 mks)

b i) State three causes of the earth movements.(3 mks)

c) You carried out a field study in the rift valley region on the effects of faulting on human activities.

i) State one hypothesis of your study.(1 mk)

ii) Give three problems you experienced during the study.(3 mks)

10. a) State two factors that influences exploitation of minerals.(2 mks)

b) Describe how soda ash is extracted from trona in lake.(3 mks)

c i) Briefly explain the following types of rocks

* Igneous rocks.(2 mks)
* -metamorphic rocks(2 mks)

Ii Name two minerals mined in Kenya through open cast mining method.(2 mks)

iii) State three environmental problems of open cast mining method.(3 mks)