# NAME …………………………………………………………………ADMNO……………..DATE

# GEOGRAPHY : 312

# FORM TWO

# MAR/APRIL 2015

# MWAKICAN JOINT EXAMINATION TEAM (MJET) 2015

# GEOGRAPHY

# 2½ HOURS

# Instructions to students

# Write your name and admission number in the spaces provided above.

# Attempt all questions.

# All your answers must be written in the spaces provided below each question.

SECTION A (25MKS)

1. a.Identify two theories that explain the origin of the solar system.(2mks)

b.Give three proofs that show that the earth is spherical .(3mks)

1. a.What is plate tectonic theory (1mk)

b.Explain two evidences that support the continental drift theory.(4mks)

1. a.Name two dates of the year in which the sun is overhead the equator at noon.(2mks)

b.Name two layers of the external structure of the earth.(2mks)

1. a.Differenciate between magnitude and intensity of an earthquake.(2mks)

b.State three human causes of an earthquake.(3mks)

1. a.Define rotation of the earth (1mk)

b.Give four effects of the rotation of the earth.(4mks)

**SECTION B(MAPWORK).**

1. a)Study the map of Belgut 1:50,000 (sheet 117/3) provided and answer the following questions.
2. Give the longitudinal extent of the area covered by the map.(2mks)
3. Give the six figure grid reference of the following

* Air photo principal point at Chamamul school 2mks
* Masabet school to the North East of the conference of River Kimugung and river Chesimot.(2mks)

1. Calculate the bearing of Kabirigot bridge from Masumabasi junction.(2mks)

b.i)State three methods used to show relief on the map.(3mks)

ii) Measure the distance of all weather road from Ainabkoi trading centre to Kapsurer shops.

Give your answer in kilometers.(2mks)

c.i)Name the plantation crop found in the area covered by the map.(4mks)

ii)Name three types of natural vegetation shown in the area covered by the map.(3mks)

iiii) Identify the type of the map provided.(1mk)

d.i)Identify the type of the map provided.(1mk)

ii)Give the magnetic declination of the map.(1mk)

iii)Name the district where the area covered by the map is found.(1mk)

1. a)i)Name three types of rocks according to their made of formation.(3mks)

ii)Name two areas in Kenya where volcanic rocks are likely to be found.(2mks)

b.i) State three characteristics of igneous rocks.(3mks)

ii)Explain three benefits of rocks to the economic of Kenya.(6mks)

c.Some students carried out a field study of rocks within the neighbourhood d of their school.

i)Name three secondary sources of information they are likely to have used as they prepared for the field study.(3mks)

ii)State how they would use the following items during the filed study.

* Geological hammer
* Polythene bags
* A magnifying lens.(3mks)

1. a.i)What is a weather station(2mks)

ii) Identify two instruments kept in a Stevenson’s screen.(2mks)

b. Some students are to conduct a field study on weather in their school.

i) Describe how they used a rain gauge in their (3mks)

ii) Identify two weather they are likely to have studied apart from rainfall.(2mks)

c.i) State three methods of weather forecasting (3mks)

ii) Outline the significance of weather forecasting.(4mks)

1. ai).Name two recent fold mountain building periods.(2mks)

ii) Draw the diagram of a simple symmetrical fold and on it mark and name two main parts of a fold.(3mks)

b.i) Name the fold mountains:

Asia

South America (2mks)

ii) Explain three ways in which the economy of Kenya has benefited from vulcanicity.(6mks)

1. a. Define mining.(2mks)

b.Outline five factors that influence mineral exploitation .(5mks)