

Name _____ Class _____ Adm No: _____

Date _____ Sign _____

2019

FORM TWO

GEOGRAPHY

TIME: 2 HOURS 30 MINUTES

INSTRUCTIONS:

- a). Write your name, class and Admission number in the spaces provided above.
- b). Answer all the questions
- c). All answers must be written in the space provided in this booklet.

SECTION A

1. a) What is the time at station Y 30°W when the time at point Z 20°E is 4.00 p.m. (2 mks)

b) State three effects of the earth revolution. (3 mks)

2. a) What are the effects on the shape of the earth by the following forces. (3 mks)

i) Centrifugal force

ii) Centripetal force

iii) Gravitation force

b) Give the two reasons why the interior of the earth is still very hot. (2 mks)

3. Stat three conditions for formation of dew. (3 mks)

4. State three characteristics of extrusive rocks. (3 mks)

5. a) Give two reasons why it is necessary to study the plate tectonic theory. (2 mks)

b) Name two types of tectonic plate boundaries. (2 mks)

SECTION B

6. a) Name three types of maps studied in geography. (3 mks)

b) State three ways of locating places on maps. (3 mks)

c) State three common types of marginal information found in the margin of a map sheet. (3mks)

d) The following table shows rainfall and temperature of town X. Use the figures given to answer the questions that follow.

Month	J	F	M	A	M	J	J	A	S	O	N	D
Temp (°c)	23	24	26	28	29	28	26	26	26	30	28	25

Rainfall (mm)	3	0	3	1	18	500	720	408	300	70	15	0
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Find:

i) The total annual rainfall. (2 mks)

ii) The wettest month. (1 mk)

iii) Annual range of temperature. (2 mks)

iv) Mean annual rainfall. (2 mks)

v) The hottest month. (1 mk)

e) Name two instruments which could have been used to collect data in the table above. (2 mks)

7. a) Apart from the rift valley, name three other relief features that were formed as a result of faulting. (3 mks)

b) With the aid of well labelled diagrams describe how a rift valley is formed by tensional forces. (8mks)

c) Students are planning to carry out a field study of a faulted landscape. State four reasons why it is important for them to carry out a pre-visit to the area of study. (4mks)

8. a) i) Name three volcanic features found in the rift valley of Kenya. (3 mks)

ii) State two negative effects of vulcanicity in Kenya. (2 mks)

iii) Describe the characteristics of a composite volcano. (3 mks)

b)i) Name two types of earthquake waves. (2 mks)

ii) State five ways in which the earth's crust is affected by earthquake. (5 mks)

9. a) What is a rock? (2 mks)

b) Classify the rocks listed in the table below. (5 mks)

Name of rock	Class
Marble	
Gneis	
Peridotite	
Sandstone	
Granite	

c) i) State two methods of estimating the age of rocks. (2 mks)

ii) State four factors that influence metamorphism in rocks. (4 mks)

d) State two characteristics of sedimentary rocks. (2 mks)

10. a)i) Give two examples of non-metallic minerals. (2 mks)

ii) Name the minerals mined in each of the following places in East Africa. (3 mks)

- I. Kereita in Limuru Kenya –
- II. Geita in Tanzania –
- III. Kilembe in Uganda –

b) Describe how shaft mining is carried out. (5 mks)

c) Name three conditions necessary for the formation of petroleum. (3 mks)

d) State two effects of mining on environment. (3 mks)
