

FORM TWO GEOGRAPHY DECEMBER HOLIDAY ASSIGNMENT

Instructions: answer all the questions below

Week 1

1. a) i) What is faulting? (1mk)
ii) With the use of a well labeled diagram explain how a reverse fault occurs. (5mks)
iii) State **two** other types of faults apart from reverse faults. (2mks)
- b) Describe how a rift valley forms through tensional forces. (4mks)
- c) Explain **three** ways in which features resulting from faulting are of economic importance to man. (6mks)
- d) You intend to carry out a field study of the landforms around your school.
 - i. State **two** hypotheses you are likely to formulate for the study (2mks)
 - ii. Apart from dividing your class into groups, in what three other ways will you prepare for the study. (2mks)
 - iii. In what **two** ways is dividing the class into groups important (2mks)

Week 2

2. a) i) Name a country in Africa where temperate grassland is found. (1mk)
ii) State **four** characteristics of temperate grasslands. (4mks)
- b) i) Explain **four** ways in which trees in the coniferous forests have adapted to the environmental conditions of the region. (8mks)
- c) You are required to carry a field study on a forest near your school. Describe the methods you would use to determine each of the following aspects of the trees in the forest.
 - i) Age of the trees. (3mks)
 - ii) Height of the trees. (3mks)
 - iii) Tree species (3mks)

week 3

3. a) (i) List **two** factors that determine the distribution of forests in Kenya (2mks)
(ii) Give the differences in the exploitation of softwood in Kenya and Canada under the following subheadings
 - Period of harvesting (2mks)
 - Transportation (2mks)
- b) Highlight the **three** ways in which the clearing of forests has affected the natural environment in Kenya (3mks)
- c) Explain **four** problems facing forestry in Kenya (8mks)
- d) Explain **four** measures that the Kenya government is taking to conserve forestry in the Country (8mks)

Week 4

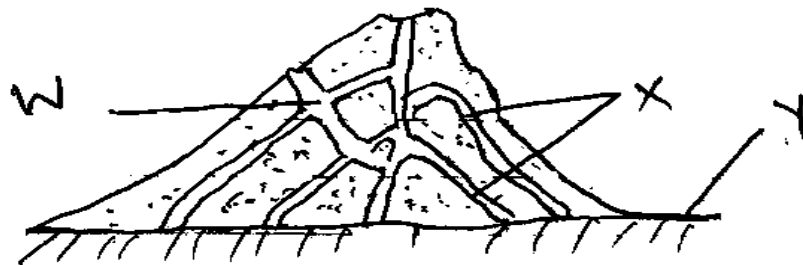
4. a) Differentiate between weather and climate (2mks)
b) State five characteristics of the I.T.C.Z. (5mks)
c) i) Outline five characteristics of the equatorial climate (5mks)
ii) Explain two reasons why the desert climate experiences extreme temperatures throughout the year. (4mks)
d) Students from school Z carried out a field study on a weather station near their school
i) Name three instruments that they are likely to identify in a weather station (3mks)
ii) State two methods they would use to record the data. (2mks)
iii) State two reasons as to why they would prepare objectives. (4mks)

week 5

5. (a) (i) Distinguish between earth rotation and earth revolution (2 marks)
(ii) State three effects of earth's revolution (3 marks)
(b) (i) Give four characteristics of mesosphere in the structure of the atmosphere (4 marks)
(ii) Describe the origin of continents according to continental drift theory (8 marks)
(c) (i) Explain three proofs that the earth is spherical (6 marks)
d) Using a well labeled diagram, describe the occurrence of lunar eclipse (6marks)

week 6

6. a) Differentiate between magma and lava. (2mks)
b) The diagram below shows a composite volcano



Name the features marked W, X and Y (3mks)

W -

X -

Y -

- c) Describe how the following features are formed and for each give an example from Kenya
i) Crater (4mks)
ii) Lava plateau (5mks)
d) Explain four ways in which volcanic features influence human activities (8mks)
e) i) What is an earthquake? (2mks)
ii) Identify the scale used to measure magnitude of an earthquake? (1mk)

**MERRY CHRISTMAS AND HAPPY NEW YEAR
2025. #STAY SAFE**

