

**MKALAMA DISTRICT COUNCIL  
FORM THREE TERMINAL EXAMINATION  
GEOGRAPHY**

**TIME: 3:00 HOURS****MAY, 2025**

**INSTRUCTIONS**

1. This paper consists of three sections **A, B** and **C** with a total of **eleven (11)** questions.
2. Answer all questions in section **A** and **B** and **only two** questions from section **C**.
3. All writings should be in a blue or black ink pen except for diagrams which must be drawn by using a pencil.

**SECTION A (16 Marks)**

1. For each of the items (i) – (x) choose the correct answer from among the given alternative and write its letter beside the item number in the answer sheet provided.
  - i. Recently the farmer at Kikhonda village invited farm office to give the knowledge on the kind of good soil for growing maize plant. One of the knowledge he provide was about rock permeability. Assume you are one invited what would you tell the farmer about permeability of rock ?
    - A. The ability of the rock to hold water
    - B. The ability of the rock to allow water to pass through
    - C. The rate at which water enter the rock
    - D. The ability of the water retained in a rock
    - E. The ability of the rock to allow water enter it
  - ii. Assume that you have visited an area where there are trees of different types on your way you see cracks and joints on rock that have developed as the result of trees growth as the roots have penetrated into ground. what is action of plants has taken place as per weathering is concerned?
    - A. Wedging mechanism
    - B. Six's thermometer
    - C. Trampling action
    - D. Acid reaction by roots
    - E. Widening mechanism
  - iii. Form one students are not aware that the Earth rotates on its own axis from west to east. Imagine you want to educate them which factors among the following will you prove on your explanation?
    - A. During the night stars are fixed at one position but are in motion
    - B. Season of the year
    - C. Aphelion and perihelion
    - D. Revolution in the solar systems
    - E. When moving in a vehicle objects move in opposite direction
  - iv. Suppose you are living in urban centre and you are interested in livestock keeping, what types of livestock keeping would be suitable for you?
    - A. Nomadism
    - B. Ranching
    - C. Transhumance
    - D. Pastoralism
    - E. Sedentary

- v. Form three enjoyed the temperature of Kigamboni which was  $32^{\circ}\text{C}$  at the sea level. They also planned to travel from Kigamboni to Kilolo which is 1500M above the sea level. What will be the temperature experienced by them in Kilolo?  
A.  $23^{\circ}\text{C}$       B.  $9^{\circ}\text{C}$       C.  $17^{\circ}\text{C}$       D.  $0.6^{\circ}\text{C}$       E.  $19^{\circ}\text{C}$
- vi. Geologists use the chart for dating the history of the earth including its rocks. As a form three student help form two students to identify that chart used by geologists  
A. Carbon 14  
B. Periodic table  
C. Geological time scale  
D. Measurement chart  
E. Richter scale
- vii. Janeth is living near the mountain within the time she noticed that bending of the trunks of the trees and fences downward the slope. Identify the types of the process occurred  
A. Landslide  
B. Mud flow  
C. Soil creep  
D. Rock fall  
E. Soil erosion
- viii. Kingu and Makalla were presenting their finding about RED EYES disease in DRC  $30^{\circ}\text{E}$  at 10:30 am. Their friend Peter and Wilson were watching television in Dar es Salaam Tanzania  $45^{\circ}\text{W}$ . What is local time at Dar es Salaam?  
A. 11:30 pm      B. 09:30 pm      C. 09:30am      D. 11:30 am      E. 11:45am
- ix. Organically sedimentary rock formed due to:  
A. From animals and plants remain  
B. Undergo chemical precipitation  
C. By heat and pressure  
D. Rock materials of the existing rock  
E. Rock circle
- x. Downward or upward movement of the Earth's crust are called:  
A. Internal earth movement  
B. Radial movement  
C. Lateral movement  
D. Rotational movement  
E. Revolutionary movement

2. Match the items in **list A** with the correct response in **list B** by writing the letter of correct response beside the item number in the answer sheet provided

| LIST A                                                                                 | LIST B               |
|----------------------------------------------------------------------------------------|----------------------|
| i. Are the fold with one limb steeper than the other                                   | A. Simple folds      |
| ii. are the fold where one limb is pushed over the other                               | B. Over thrust fold  |
| iii. one limb is pushed over the other limb to a greater distance                      | C. Centre line fold  |
| iv. fold have equal limbs formed by two compressional forces of equal magnitudes       | D. Asymmetrical fold |
| v. one limb is pushed over the other along the line of thrust plane                    | E. Recumbent folds   |
| vi. fold that are packed closely together and with limbs almost parallel to each other | F. Isoclinal folds   |
|                                                                                        | G. Over folds        |
|                                                                                        | H. Geosyncline folds |

**SECTION B (54) MARKS**

**Answer all questions in this section**

3. Study carefully the map extract of MPWAPWA sheet (163/4) then answer the following questions
- A Tax driver was moving from grid reference 150009 to a filling station at grid reference 220975. Find the distance covered in kilometre
  - Convert the linear scale given from the map into statement scale.
  - Calculate the total area covered by the forest in square km
  - Name the major ways used to show the height of the land in the mapped area.
  - Find the highest point on the given map and give its grid reference.
4. Study **the** following data of maize production from 2010 to 2014 in Kikhonda village and then answer the question below

| YEARS       | 2010 | 2011 | 2012 | 2013 | 2014 |
|-------------|------|------|------|------|------|
| PRODUCTIONS | 105  | 100  | 140  | 150  | 130  |

- Draw a simple bar graph show maize production from 2010 to 2014 in Kikhonda village
  - Comment on the characteristics of the graph that you have drawn
  - Mention two advantages and disadvantages on above drawn graph
5. Mr.Kipara was watching the video program showing the ejection of molten materials into or within the earth's crust. This process was accompanied with the outbreak of

ashes gases and smoke .This molten materials sometimes cool and solidify either within or outside of the earth's crust

- i. What is the genetic process observed by Mr. Kipara?
  - ii. With examples explain type of features produced by the process named in (a) above
  - iii. Outline five environmental impacts resulted from the process on (a) above
6. John and his sister were travelling from Dar es salaam to Kilimanjaro to see their father While on their way, they observed that temperature was decreasing as altitude increases. Giving five points, briefly explain factors affecting temperature of a place.
7. Bwana Heri visiting Mikumi national park with his family during the holiday .He climb the top of hill and decide to take a photograph of wild animals. Answer the questions below from the photograph was taken by Bwana Heri.
  - (a) Name type of photograph was taken
  - (b) From the photograph taken by Bwana Heri suggest the one economic activity that might be taking place in the area.
  - (c) Mention any three merits of the activity mentioned in (b) above
  - (d) Give three factors which might have affected the equality of the photograph taken by Bwana Heri.
8. (a) How vegetations adapt to survive in desert areas? Give five reasons  
(b) Explain four characteristics of vegetation found in desert area

### **SECTION C (30) MARKS**

**Answer only two questions from this section**

9. Proper method of farming is one of the best way of conserving environment particularly soil Conservation. You as a scholar explain six proper farming methods which are suitable for Environmental conservation.
10. Ana and his friend Jennifer were travelling from Kibaha to Arusha, along the road, they saw people selling rocks. Anna asked what type of that rock? Jennifer answered those are sedimentary rocks from Tanga, in general those rocks are important to our daily life. In six (6) points support Jennifer's words.
11. During holiday Mr Masigo visited his District and he found most of land is no longer suitable for Agriculture and human settlement .He decide to educated his society on how to recover the waste land to be suitable for use again with six points explain education provided by Mr Masigo to his society