

**THE UNITED REPUBLIC OF TANZANIA**  
**PRESIDENT'S OFFICE**  
**REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT**



**FORM FOUR REGIONAL MOCK EXAMINATION**  
**TABORA REGION**

**013**

**GEOGRAPHY**  
**(For both School and Private Candidates)**

**Time: 3 Hours**

**Wednesday, May 10, 2023, p.m.**

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**INSTRUCTIONS**

1. This paper consists of three sections A, B and C with a total of 10 questions.
2. Answer all questions in sections A and B and two questions from section C.
3. Section A carries fifteen (15) marks, section B carries fifty five (55) marks and section C carries thirty (30) marks.
4. Map extracted of **SIKONGE (SHEET 137/2)** provided.
5. Programmable calculators, cellular phones and any unauthorized materials are not allowed in the examination room.
6. Write examination number on every page of your answer booklet(s).

This paper consists of **6** printed pages.

## SECTION A: (15 MARKS)

### Answer all questions from this section

1. For each of the following items (i-x) choose the correct answer from among the given alternatives and write its letter in the space provided:
  - (i) A meteorologist in the field study explained to the students that, during the day warmer air over the land surface rises vertically and is replaced by cooler from the sea. This process results to the movement of air called?  
A. Land breeze                      B. Sea breeze                      (      )  
C. Night breeze                      D. Day breeze day and night breeze
  - (ii) Mr. Mitomingi lived in Mwanza since 2015 and worked as a volunteering teacher at Igoma Secondary. In July 2022 he got employed by a government and transferred to a new school in Arusha region. Identify the type of Mr. Mitoming's movement.  
A. Migration                      B. Immigrant                      C. Immigration                      (      )  
D. Emigration                      E. Emigrant
  - (iii) People living around Lake Victoria are complaining for a lot of silt materials in Lake Victoria hence it has affected even ferrying activities at the lake. A certain expert advised them to take silt materials from the lake. What is the name of this process?  
A. Ferrying                      B. Transportation                      C. Mudding                      (      )  
D. Siltation                      E. Dredging
  - (iv) A striker from African sports club won a prize for the best goal of the year in Tanzania. He scored the goal in Dar es Salaam ( $24^{\circ}\text{S}$ ,  $39^{\circ}\text{E}$ ) at 4:10 pm. What will be the time in his home town Kinshasa (DRC) ( $34^{\circ}\text{N}$ ,  $6^{\circ}\text{W}$ )?  
A. 07:10 Am                      B. 01:10 Pm                      C. 06:22 Am                      (      )  
D. 01:58 Pm                      E. 08:20 Pm
  - (v) Suppose you are living in an urban center and you are interested in keeping livestock. What type of keeping would be suitable for you?  
A. Sedentary                      B. Transhumance                      C. Ranching                      (      )  
D. Pastoralism                      E. Nomadism
  - (vi) It is believed that the NMB bank is the bank of all Tanzanians since it is available in most places in Tanzania. Under what category of activities the services provided by this bank are?  
A. Secondary activities                      B. Tertiary activities                      C. Primary activities                      (      )  
D. Administration                      E. Quaternary activities

(vii) Ashura was living near the mountain in Arusha. As she lives she noticed the bending of trees and fancies downward a mountain slope. Identify the type of the phenomenon which causes the trees and fancies to bend.

- A. Land slide                      B. Mud flow                      C. Soil creep                      (      )  
 D. Soil erosion                      E. Rock fall

(viii) Neema and his young brother Mussa like to play with wet soil around their home. They enjoy observing quick percolation of water in the soil. What type of soil were they playing with?

- A. Clay                                  B. Silt                                  C. Loam                                  (      )  
 D. Sand                                  E. Silt and Clay

(ix) The tourists reported enjoying the temperature of Ihefu wetlands in Mbeya at 1500 meters above the sea level, which is 32<sup>0</sup> C. They also planned to travel from Ihefu to Unguja in Zanzibar, which is at the sea level. What might be the temperature experienced by the tourists in Zanzibar?

- A. 23<sup>0</sup> C                                  B. 0.6<sup>0</sup> C                                  C. 9<sup>0</sup>C                                  (      )  
 D. 41<sup>0</sup>C                                  E. 19<sup>0</sup>C

(x) Kelvin is a form three student; he conducted a simple research about rocks. In his research, he observed that some rocks expand when get heat and contract when get cold hence lose their outer particles. What is the geological process he observed?

- A. Weathering                      B. Block disintegration                      C. Exfoliation                      (      )  
 D. Frost Action                      E. Pressure release

2. Match the following descriptions of agriculture in List A with the corresponding type of agriculture in List B by writing its letter beside the table provided.

LIST A	LIST B
(i) Crop cultivation practiced in a small plots of land	A. Agriculture
(ii) System of agriculture in which land is cultivated and left for some years to improve its fertility	B. Large scale agriculture
(iii) The system of crop cultivation in which farmers move to new land when the yield are low	C. Subsistence agriculture
(iv) Activity of growing crops and rearing livestock	D. Shifting cultivation
(v) The system of agriculture in which farm are owned by government co-operative and private companies	E. Monoculture
	F. Bush following
	G. Sedentary agriculture
	H. Small scale agriculture

## SECTION B: (55 MARKS)

### Answer all questions in this section

3. Study carefully the map extract of **SIKONGE SHEET 137/2**, and then answer the following questions.
- By giving evidence from the map, describe two methods used to show relief on the mapped area.
  - By using the map extract given, calculate the distance of all weathered road loose surface from grid reference 740 783 to grid reference 766 750.
  - Calculate the area covered by seasonal swamps from the mapped area.
  - Apart from lumbering activity, use concrete evidences that may take place in the area.
  - With vivid examples, comment on vegetation cover on the mapped area.

4. Carefully study the following agricultural production data in Tanzania from 2011 to 2013 in “000” tones.

Crops/year	2011	2012	2013
Maize	60	75	80
Tobacco	30	45	55
Coffee	50	60	65

- Present the data by using comparative bar graph.
  - Comment on the nature of production.
  - Suggest other two methods which could be used to present the provided data.
  - Give two advantages of the method used above.
  - Determine average of maize production.
5. Suppose you are invited in a survey team and asked to use chain in taking linear measurement of the school playground. In the process, the team encountered with a hill along the traversing line.
- Identify the type of obstacle faced by the survey team during chaining process
  - Suggest two method that can be used to overcome such an obstacle
  - Show geographically how the team will overcome the obstacle
  - Describe three (3) important persons involved in the team

6. (a) A group of students were sitting at a high steep face of a rock along the sea coast of the Indian Ocean. They observed the breaking movements of ocean waves in which ocean water is thrown up the beach and returned under gravity down the shore
- (i) What are the two wave processes the students observed?
  - (ii) Mention four erosion processes involved in that ocean wave
- (b) Identify three factors that affect wave erosion
- (c) Draw a well labeled diagram to show the following features resulting from wave erosion
- (i) Blow hole
  - (ii) Cave

7. Study the following photograph carefully and then answer the questions that follow:



- (a) With evidence, identify the type of photography
- (b) List down three (3) characteristics of photography you mentioned in (a)
- (c) With evidence suggest any three (3) economic activities that take place in the area.
- (d) With vivid examples, name two (2) major types of transport.
- (e) Propose any three (3) benefits of the middle ground part of the photographed area.

**SECTION C: (30 MARKS)**

**Answer TWO (2) questions from this section**

8. In 2021, form four students from Kariakoo secondary school conducted the field research about the effect of global warming. Finally, they submitted the report to the head of school.
- Suggest a suitable title of the research.
  - Suggest any three sources of data for the research.
  - Describe chronologically the first four (4) stages that students will pass through to conduct the research.
9. John's grandfather believes that studying of geography in the current globalized world is wastage of time since each and everything can be accessed through social networks, television or internets. By using six (6) points prove wrong John's grandfather.
10. Mrs. Alex is a university student at UDOM, she conducted her research about the population by using different research tools including observation and she found that some of areas in Tanzania are highly populated while some are not populated at all over the Earth's surface. Support Mrs. Alex with six (6) reasons why such situation exists in Tanzania.