

**PRESIDENT'S OFFICE
REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT
SHINYANGA MUNICIPAL COUNCIL
FORM FOUR MUNICIPALITY MOCK EXAMINATION MAY- 2023
GEOGRAPHY**

013

Time: 3:00 Hours

Thursday, 18th May, 2023 P.M

Instructions

1. This paper consists of sections A, B and C with eleven (11) questions.
2. Answer all questions in section A, B and only two (2) questions from section C.
3. Section A carries sixteen (16) marks, section B fifty four (54) marks and section C carries thirty (30) marks.
4. Map extract of Ilonga (Sheet 265/2) is provided.
5. Programmable calculators, cellular phones and any unauthorized materials are not allowed in the examination room.
6. Write your Examination Number on every page of your answer sheet.

SECTION A (16 Marks)

Answer ALL questions in this section

1. For each of items (i – x) choose the correct answer from among the given alternatives and write its letter in the answer booklet(s)
- i. The Maasai around Lengai mountain were wondering the way mountain was vomiting fire and smoke. They believed that the mountain was possessed by bad evils. Tell them is not evils but is :-
- A. Fire from god
 - B. Tectonic movement
 - C. Volcanic eruption
 - D. Faulting
 - E. Mass wasting
- ()
- ii. There were two people debating if people in urban centers engage in livestock keeping. As an expert in agriculture course what could you advise them on what type of livestock keeping would be suitable for people living in town?
- A. Nomadic
 - B. Sedentary
 - C. Ranching
 - D. Transhumance
 - E. Small scale
- ()
- iii. Mr. Mkombozi was wondering how fragments are worn out during collision against each other at SIMIYU river during rainy season. His son told him that the process is known as;-
- A. Hydraulic action
 - B. attrition
 - C. Abrasion
 - D. Corrosion
 - E. Hydrolysis
- ()
- iv. Mr. Mawazo and his friend Mabula were digging a hole for septic tank, unfortunately after digging four feet encountered some water. What is the name given to such level of water they met with?
- A. Connate water
 - B. Temporary water
 - C. Soil water
 - D. River volley
 - E. Water table
- ()

- v. The tourist reported enjoying the temperature of Kidete wetlands in Mbeya at 1500 meters above sea level, which is 32°C. They also planned to travel from Kidete to Unguja in Zanzibar which is at sea level. What might be the temperature experienced by the tourists in Zanzibar?
- A. 0.6° C
 - B. 23°C
 - C. 41°C
 - D. 9°C
 - E. 19°C
- ()
- vi. Bi Mwanakwetu is a peasant at Kongwa in Dodoma who applies proper methods of farming. Identify some proper methods of farming which suit her.
- A. Terracing, overgrowing and contour plugging
 - B. Contour ploughing crop rotation and mulching
 - C. Recycling, overgrazing and crop rotation
 - D. Terracing, overgrazing and crop rotation
 - E. Shifting cultivation, terracing and overstocking
- ()
- vii. What is the approximate difference in Meridian time between Mtwara (33° E) and Colombo (80° E)?
- A. 3.13 hours
 - B. 3.08 hours
 - C. 2 hours
 - D. 5 hours
 - E. 6 hours
- ()
- viii. Refers to the total volume of the pores empty spaces between particles of the soil materials.
- A. Soil texture
 - B. Soil procity
 - C. Soil colour
 - D. Soil depth
 - E. Soil profile
- ()
- ix. Which of the major environmental problem facing most of Africa cities?
- A. Loss of biodiversity
 - B. Soil erosion
 - C. Air pollution
 - D. Deforestation
 - E. Overgrazing
- ()

- x. Which location of mineral occurrences is the best for shaft method of mining
- Horizontal to the earth's surface
 - Very close to the earth's surface
 - In a river valley
 - On the earth's surface
 - Lay deep into the earth's surface
- ()

2. Match the type of climate in **List A** with their corresponding latitude North and South of equator in **List B** by writing the letter of the correct answer beside the item number in answer given

LIST A	LIST B
i. Mediterranean climate	A. 45° and 90°
ii. Tropical climate	B. 10° and 30°
iii. Polar climate	C. 30° and 50°
iv. Equatorial climate	D. 00 and 05°
v. Hot desert climate	E. 30° and 45°
vi. Monsoon climate	F. 05° and 20°
	G. 20° and 30°

SECTION B (54 Marks)

3. Study the map extract of ILONGA sheet 265/2 and then answer the following questions.
- Calculate the area of north west of Lohombero river in cm²
 - Calculate the length of Lohombero river from 590981 to 640027 in km.
 - With evidences, show any three (3) main physical features found in the area.
4. Once Mr. Makonope observed the weathered materials moving downward the slope without the influence of agents of erosion, although he did not notice any effects for a long period of time, where he realized that the walls of his fence and the electrical poles were started to bend down. He was much surprised but his daughter a form four student from Ndala secondary was able to explain about that incidence. Assume the portion of Makonope's daughter and respond to the following questions.
- What is the name of that incidence?
 - What type of that incidence named in (a) above
 - Briefly describe three (3) factors affecting the nature and speed of the incidence named (a) above.
 - Highlight three effects of the incidence on the environment
5. a) Mary is a good cartographer, She intends to produce a contoured map of Morogoro. What type of survey method would you advise her to apply?

b) Apart from producing contour maps, what is the other significance of the survey you have mentioned in (a) above.

c) site three (3) instruments that Mary can use to the type of survey method you have mentioned in (a)

6. Students at Songambe secondary school were asked to conduct a research on the viral prevailing of corona disease in Shinyanga. The following terms were asked.

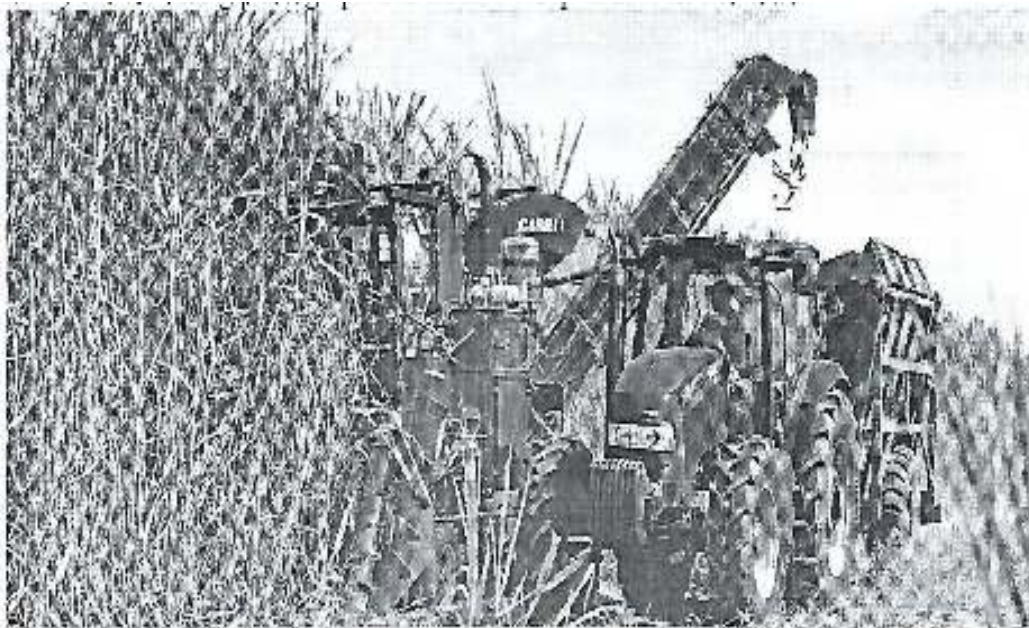
- a) Suggest three statement of the problem of this research.
- b) Elaborate three research tools they could use during data collection.
- c) Explain three significance of conducting this research.

7. Study the climatic table below then answer the questions below

MONTH(s)	J	F	M	A	M	J	J	A	S	O	N	D
TEMP(°C)	25	25	24.6	24.5	24.2	24	24	24	24	24	24.4	24.5
RAINFALL (MM)	49	69	150	230	206	114	64	84	194	226	150	50

- a) Calculate the mean temperature of the place
- b) Calculate the annual rainfall of the area
- c) With two (2) evidences, suggest the type of climate of an area
- d) Name two economic activities carried out in the climate in (c) above.

8. Study the following photograph and answer the questions that follow;



- a) Name crop shown on the photograph
- b) What is the activity taking place in the photograph
- c) With one evidence, suggest the scale of production of the crop shown.

d) Outline two factors that might affect the quality of the photograph given.

SECTION C (30 Marks)

Answer two (2) questions from this section.

9. Forests have significant contribution to social economic and ecological development since they provide products for human beings such as timber, poles, woods, logs and honey. With examples explain six points that likely to happen if the forest is destroyed.
10. The ideally census must cover the whole country and all people residing in the country must be counted. Suppose you are given a task to educate your society about census. What would you tell people that, it is very important for Tanzanian government to conduct census? (Explain five reasons).
11. Discuss six efforts that Tanzania must adopt to make tourism industry very potential for our national development.