

PRESIDENTS OFFICE

REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT

REGION OF SAALAM REGION

FORM FOUR MOCK EXAMINATION - 2023

GEOGRAPHY

CODE 013

TIME: 4:00 HOURS

Wednesday, 10 May 2023 11:00 AM

INSTRUCTIONS

1. This paper consist of sections **A,B** and **C** with a total of **ten (10)** questions
2. Answer all questions in section **A** and **B** and any **two (2)** questions from section **C**
3. Map extract of **Mkomazi** is provided
4. Programmable calculators, cellular phones and unauthorized materials are **not** allowed in the examination room
5. Write your **Examination number** on every page of your answer booklet (s)

This paper consists of 4 printed pages

SECTION A (14 Marks)

Answer **all** questions in this section

1. For each of the items (i)-(x) choose the correct answer from among the given alternatives and write its letter beside the item number in the answer sheets provided.
- (i) What is the proper name for the study of the description of the earth?
A. Solar system
B. Astronomy
C. Geography
D. Environment
E. Metrology
- (ii) This year people of Turkey and Syria experience shaking of crustal rocks which led to destruction of properties and death of people. Where the shaking does originated inside the earth's crust?
A. At the focus
B. At the epicenter
C. At the fault
D. At the lake Assad.
- (iii) Suppose you want to carry a field study on the atmospheric conditions suitable for growth of maize on farm village. What are the best weather components to be considered?
A. Rainfall and wind
B. Rainfall and cloud cover
C. Moisture and sunshine
D. Rainfall and Temperature
E. Pressure and humidity
- (iv) Workers who were working at Government offices in Dar es salaam are now moving to Dodoma as their new offices. Identify the type of that movement
A. Migrants
B. Emigrants
C. Emigration
D. Immigration
E. Immigrants
- (v) Recently in Rwanda the land with their vegetation was sliding down a slope and people were busy in taking photos and wondering to that situation. Tell them what type of geological process was taking place
A. Erosion and deposition
B. Denudation and transportation
C. Landslide and erosion
D. Mass wasting and transportation
E. Landslide and deposition.
- (vi) Rweyemamu was conducting a research on his first undergraduate degree. Through his research he found that when someone cross the international Date line eastward one among the following occur
A. The day become longer than Night
B. One day turned back
C. Green which mean time is recorded
D. Time is gained by 4 minutes every 5hours
E. Day and Night.
- (vii) The earth's sphere where life takes place is called _____
A. Hydrosphere
B. Atmosphere
C. Biosphere
D. Barry sphere
E. Mesopause
- (viii) Mr's Benga decided to construct map with each 2 centimeters representing 8.4 Kilo meters ion the ground. What is a representative fraction scale did he put on his map?
A. 1:840,000
B. 1:480,000
C. 1:420,000
D. 1cm 84km
E. 2:8:4.
- (ix) Mr. Kaboga and their students visit at a certain National park in Tanzania and see the thick forest three dwellers, animals and people who engage in cultivation of cocoa and coffee. What type of forest will you suggest among the following
A. Tropical Savannah
B. Equatorial
C. Mediterranean
D. Tropical Monsoon
E. Polar climate

- (x) The **T.M.A** announced the temperature of Dar es salaam 100m above the sea level is 29°. What will be the temperature of Dodoma 800M above sea level?
- 33.2°C
 - 20.0°C
 - 32°C
 - 24.8°C
 - 4.2°C

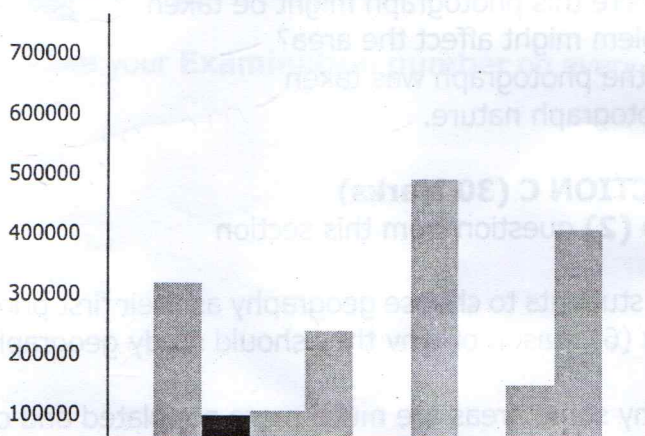
2. Match the classification of igneous rock in **List A** with the correct type according to the occurrence and chemical composition in **list B** by writing the letter of the correct response beside the item number in the answer sheet provided

| LIST A | LIST B |
|---|----------------------------------|
| i) Igneous rocks which consist of large amounts of magnesium, iron and other minerals like uranium | A. Rocks |
| ii) Formed when the molten material (magma) solidifies within the earth's crust | B. Extrusive rock |
| iii) Formed when magma cools and solidifies inside but near the surface of the earth | C. Mafic (basics) igneous |
| iv) Consist of great amount of silica and Feld spar with very little or no iron or any other metallic mineral | D. Plutonic igneous rock |
| | E. Intrusive rocks |
| | F. Felisic (acidic) igneous rock |
| | G. Hypabyssal igneous rock |
| | H. Intermediate igneous rock |

SECTION B (56 Marks)

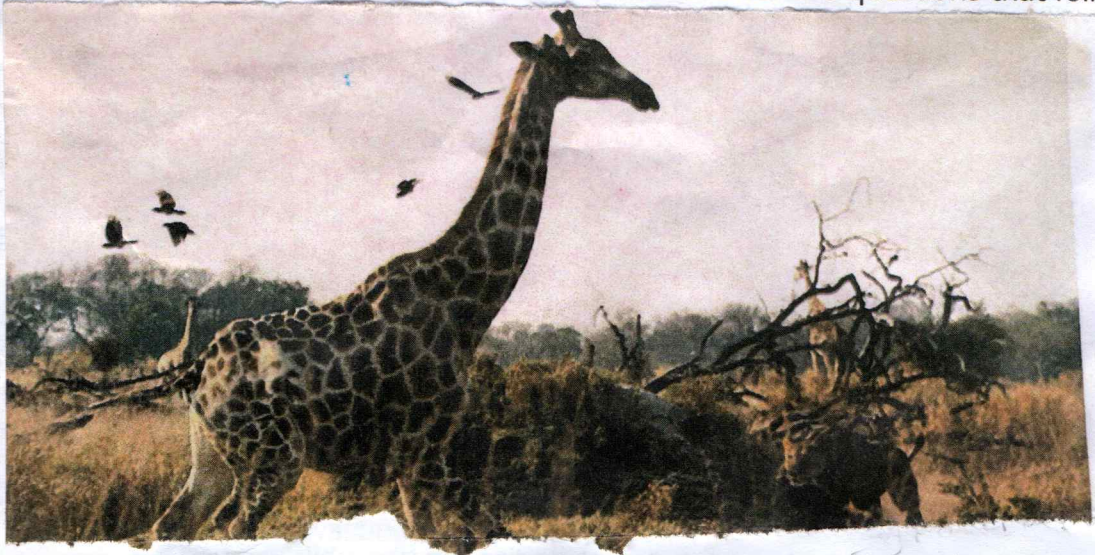
Answer **all** questions in this section

3. Study carefully the map extract of Mkomazi (sheet 109/1) and then answer the following questions
- By using the given RF Scale, Measure the distance of River Pangani in Kilometers from grid reference 910771 to 910826.
 - Describe relief, nature of the area
 - State the (2) types of transport observed from the map
 - With reasons explain three economic activities that seem to be taking place on the given map
 - Name the major way used to show the height of the land in the mapped area
 - Give any three (3) supportive contents of a to Topographical map given
 - Suggest the climate of the mapped area (give two evidence)
4. Study carefully the statistical graph below then answer the questions below



- What kind of Graph is this?
- Giving 4 points, explain the importance of using such graph above
- What are the two challenges to be noted who using the graph above
- What are the two (2) things missing for the accuracy of the graph

5. (a) The ministry of Education of United Republic of Tanzania under National Examination Council, Past 4 years was in research about why there was mass failure of pupils in primary schools. This made the government to take sample of schools to make their research. As a students who study research topic give any five reasons, why the ministry decided to use sample of schools to complete its research?
- (b) Briefly explain the following
- Primary data
 - Secondary data
6. There was a land conflict between villagers of Ikamba and the Headmaster of Ikamba Secondary School. The village chairperson decided to invite a survey to determine the boundaries of school compound.
- Describe five (5) instrument they used in surveying the school compound
 - What are the five (5) main source of mistakes may occur during chain survey.
7. Study the photograph provided below and then answer the questions that follow



- With evidence name the type of photography provided
- Mention two (2) areas where this photograph might be taken
- What environmental problem might affect the area?
- With reasons, what time the photograph was taken
- State the scale of the photograph nature.

SECTION C (30 Marks)

Answer **two (2)** question from this section

8. A geography teacher encourage students to choose geography as their first priority subject of study for their life. Explain six (6) reason of why they should study geography.
9. Kachanja ask questions that "Why some areas are much more populated and other areas are much less and scattered in term of population and density what reason will you give kachanja"?
10. James : I want to locate an industry here in our village
 Anna : Industries are not built anywhere
 James : Why
 What reasons Anna should explain to James. Give six (6) reasons for James questions as an answer