



**THE PRESIDENT'S OFFICE – RALG**  
**TAHOSSA ROMBO DISTRICT EXAMINATION SYNDICATE**  
**FORM FOUR MOCK EXAMINATION**



013

**GEOGRAPHY****TIME: 3:00 Hours****August, 2024****INSTRUCTIONS**

1. This paper consists of sections **A**, **B** and **C** with a total of **eleven (11)** questions.
2. Answer all questions in section **A**, **B** and **two (2)** questions from section **C**.
3. Section **A** carries **sixteen (16)** marks, section **B** **fifty-four (54)** marks and section **C** **thirty (30)** Marks.
4. Map extract of **LIWALE sheet 280/4** is provided.
5. All working must be in blue or black ink, except for diagrams that must be drawn in pencil.
6. All communication devices, calculators and any unauthorized materials are not allowed in the examination room.
7. Write your **examination number** on every page of your answer sheet (s) or booklet(s)

<b>FOR ASSESSOR'S ONLY</b>		
<b>QUESTION NUMBER</b>	<b>SCORE</b>	<b>MARKER'S INITIALS</b>
<b>1</b>		
<b>2</b>		
<b>3</b>		
<b>4</b>		
<b>5</b>		
<b>6</b>		
<b>7</b>		
<b>8</b>		
<b>9</b>		
<b>10</b>		
<b>11</b>		
<b>TOTAL</b>		
<b>CHEKER'S INITIALS</b>		

**SECTION A (16 Marks)**

**Answer all questions in this section**

1. For each of the item (i) – (x), choose the correct answer from among the given alternatives and write its letter in the answer sheet (s) provided
- (i) All the following are famous tourist attraction sites in Tanzania except;
    - A Mikumi wildlife, Tarangire and Ruaha reserve.
    - B Serengeti national park, Mount Kilimanjaro and Mikumi
    - C Selous reserve, Tarangire and Mikumi Park
    - D Tsaro, Turkana and Oldonyo Lengai
    - E Tarangire, Ruaha reserve and Serengeti national park
  - (ii) SIMA and SIAL are separated by the zone called;
    - A. Sialic
    - B. Mohorovic discontinuity
    - C. Mesosphere
    - D. Conrad discontinuity
    - E. Gutenberg discontinuity
  - (iii) Chemical weathering is most dominant in areas of;
    - A. High temperature and high humidity
    - B. Low temperature and low humidity
    - C. High temperature and low humidity
    - D. Low temperature and high Humidity
    - E. Only high temperature
  - (iv) The prediction of the state of atmosphere in a region for 24 to 48 hours is known as;
    - A. Weather elements
    - B. Weather report
    - C. Weather instruments
    - D. Weather station
    - E. Weather forecasting
  - (v) The temperature of Dodoma at 1200 meters above the sea level is 20°C. What will be the temperature of Mbeya at 2000 meters above sea level?
    - A. 16°C
    - B. 18°C
    - C. 15.2°C
    - D. 14.8°C
    - E. 30.4°C
  - (vi) A channel diverging from the main river and flowing into the sea or lake by a separate mouth is known as;
    - A. Watershed
    - B. Distributary
    - C. Tributary
    - D. Ox – bow lake
    - E. A stream
  - (vii) Suppose the local time at Greenwich meridian is 12:00 noon, what is the local time at Msepe which is 10°S 40°E?
    - A. 12:20 AM
    - B. 2:00PM
    - C. 2:20 PM
    - D. 2:40 PM
    - E. 2:40 AM
  - (viii) Suppose you are living in urban center and you are interested in keeping livestock. What type of livestock keeping would be suitable for you?
    - A. Nomadism
    - B. Ranching
    - C. Transhumance
    - D. Pastoralism
    - E. Sedentary
  - (ix) If the location of a point on a map is given by grid reference 365490, then;
    - A. 490 are northings
    - B. 490 are Eastings
    - C. 365 are degrees
    - D. 365 are northings
    - E. 365 are longitudes

- (x) Soil is among factors which determines economic activities together with;  
 A. Climate D. Agricultural activities  
 B. Type of zone E. Equatorial zones  
 C. Nature of people

2. Match the descriptions of marine features in **Column A** with the corresponding features in **Column B** by writing the letter of the correct response beside the item number in the answer sheet (s) or booklet(s) provided.

<b>COLUMN A</b>	<b>COLUMN B</b>
i) Measure relative humidity of the atmospheric pressure	A Campbell stokes
ii) Used to determine direction towards wind which is blowing	B Evaporimeter
iii) Used to measure atmospheric pressure	C Anemometer
iv) Measure and record the duration of sunshine	D Hygrometer
v) Used to measure amount of rainfall	E Thermometer
vi) Used to measure temperature of a place	F Rain gauge
	G Barometer
	H Wind vane

**SECTION B (54 MARKS)**

**Answer all questions in this section**

3. Carefully Study the map extracts of Liwale sheet 280/4 provided, then answer the questions that follow  
 (a) With supporting evidence from the map, describe settlement pattern of the mapped area.  
 (b) By giving the evidence from the map, name four social activities carried out in the area  
 (c) Calculate the area covered by forest using square method. Give your answer in Km<sup>2</sup>.  
 (d) Change the scale of the map into a statement scale  
 (e) By giving evidence from the map, describe two main types of transport found in the mapped area.
4. Carefully study the following statistical data and then answer the questions that follow;  
 22, 13, 18, 4, 21, 16, 20, 16, 2, 16, 16, 15, 10, 16, 4, 8, 16, 18, 22, 8, 2, 8, 16, 6, 15, 20, 10, 23, 30 and 12  
 (a) Find  
     (i) Mode (iii) Median  
     (ii) Mean  
 (b) What are the uses of statistical graphs and diagrams? Give four (4) points.
5. Following 'elephant crisis' from 2009 to 2014, Dr, Paul was very interested and attempted to conduct a research to seek a solution to the existing problem. He consulted and selected some officer and other members of wildlife conservation from the Ministry of National Resource and Tourism (MNRT) so as to collect relevant information.  
 (a) What is the type of research is this?  
 (b) Propose the best sampling technique used.  
 (c) Give the appropriate two research tools might be applied.  
 (d) Name three sources of research topic identified above.
6. (a) After learning different types of simple land survey students were asked to explain fruits of studying of chain survey but only Yoweri failed to explain. Assume you are a student who understood the lesson, how will you help him to explain fruits of chain survey? (Any five points)
- (b) Imagine you are geographical surveyor, describe the uses of the following instruments to form three

students of certain secondary school.

- (i) Pegs
- (ii) Arrows
- (iii) Cross staff
- (iv) Tape

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



- a) With two reasons, name the type of photograph shown.
  - b) What type of transport shown in the photograph?
  - c) Name any two environmental pollutions caused by the photograph given at (a) above.
  - d) Outline three challenges faced development of the transport shown in Tanzania.
  - e) Mention three regions where the photograph might be taken
8. Juma and Baraka conduct a dialogue about the shape of the earth, Juma said that ‘the shape of the earth is flatted sphere’ but Baraka argue that ‘the shape of the earth is spherical’ with six (6) points, justify the Juma’s argument.

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

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

- 9. Construction of Nyerere dam helps Tanzanians to earn advantageous than disadvantageous, as a student who studied regional focal studies in form two what you think Tanzanians will enjoy for that project.
- 10. Human activities enable the livelihood but in other hand they destroy the environment. Justify this statement by using six points that environmental problems resulted from human activities.
- 11. The Minister of national resources and Tourism in Tanzania has been so much active in promoting tourism sector. “Despite the economic significance of the sector, there are negative impacts to our country”. Elaborate this statement by giving six points.