

**PRESIDENT'S OFFICE
REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT
SHINYANGA REGION
FORM FOUR MOCK EXAMINATIONS**

013

GEOGRAPHY

TIME : 3 hrs

2024

Instructions

1. This paper consists of sections A, B and C with a total of 11 questions.
2. Answer **all** questions in sections A and B, and any two (2) questions from section C.
3. Map extract of Arusha (Sheet 55/3) is provided
4. Section A carries **sixteen (16)** marks, section B carries **fifty-four (54)** marks and section C carries **thirty (30)** marks
5. Programmable calculators, cellular phones and any unauthorized materials are **not** allowed in the examination room.

SECTION A (16Marks)

Answer all questions in this section

1. For each of the items i-x, choose the most correct answer from among the given alternatives and write its letter beside the item number.
 - i. Mr Pyetro of Dyuda is a geography teacher of Itigi school, he told his students that people of East experience sun rise earlier than west because of earth rotation, which of the following places will experience sunrise earliest on any day?
 - a. Kiteto 15° W
 - b. Bagamoyo 49°E
 - c. Dar es salaam 45°E
 - d. Njombe 35°E
 - e. Mbalizi 30°E
 - ii. Why do two different countries located in different latitudes or hemispheres experience similar type of natural vegetation? It is because of:
 - a. Their positions which are very far
 - b. Similar traditions of the people living in those areas
 - c. The same type of climate
 - d. Same onshore prevailing winds
 - e. Fertile soils, good cloud cover and rains

- iii. Joseph was wondering the way slow movement of soil or land associated with bending of trees, fences and telegraphic pole. What geological processes were occurring in that area?
 - a. Talus creep
 - b. Soil creep
 - c. Solifluction
 - d. Mud flow
 - e. Avalanches
- iv. Bugati village has rainfall throughout the year and it is surrounded by dense forest, which type of forest do you think could be found in this village?
 - a. Temperate forest
 - b. Tropical forest
 - c. Mangrove forest
 - d. Coniferous forest
 - e. Deciduous forest
- v. Population of any society is not static, it always change. What is the cause of that dynamism?
 - a. Mortality, emigration and fecundity.
 - b. Fertility, mortality and migration.
 - c. Fertility, fecundity and migration.
 - d. Migration, mortality and fecundity.
 - e. Migration, emigration and immigration
- vi. 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. Sedentary
 - c. Pastoralism
 - d. Transhumance
 - e. Ranching
- vii. The solar system is made of the sun, planets and other heavenly bodies which revolve around the sun. Which planet among the following has the shortest orbit?
 - a. Pluto
 - b. Venus
 - c. Mercury
 - d. Earth
 - e. Neptune
- viii. River Ruaha perform three functions erosion, transportation and deposition. Which stage of the river deposition is dominant?
 - a. The young stage
 - b. The old stage
 - c. The middle stage
 - d. Upper course
 - e. Matured stage
- ix. Which of the following are the major types of variables in research process?
 - a. Qualitative and quantitative

- b. Dependent and independent
 - c. Null and alternative
 - d. Dependent and quantitative
 - e. Alternative and independent
 - x. Mr Pimbi told his children to collect the plant remains like grass from the previous farms and cover the banana plant in a newly cultivated farm. Which geographical term will be suitable to apply here?
 - a. Mulching
 - b. Alleviation
 - c. Terracing
 - d. Bush following
 - e. Leaching
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 sheets or booklets provided.

List A	List B
	a. Capturing river b. Weak river c. Misfit River d. Elbow e. Pirate river f. Wind gap g. Menders h. Earth pillars i. Hole

SECTION B (54 Marks)

Answer **all** questions in this section.

3. Carefully study the map extract of Arusha (sheet 55/3) and answer the questions that follow:
- i. With evidence, State the two (2) types of transport observed from the map
 - ii. By giving evidence from the map, describe the dominant type of rocks found on the map.
 - iii. With reasons, identify the type of settlement pattern found in the area.
 - iv. Giving evidence from the map, explain three economic activities carried on the mapped area.

- v. A lorry with heavy weight travelled from point of grid reference 240238 to grid reference 300270 and back to the original point, measure the distance in kilometers

4. Study the table below showing production of coffee in Tanzania in “000” tons 1990 to 1996

Year	1990	1991	1992	1993	1994	1995	1996
Coffee	400	250	200	100	150	80	80

- Construct a divergent line graph to represent the data above
 - Give an alternative method that can be used to show the above data.
 - What are the two merits and two demerits of the method used?
5. Mr Chitemo was asked to conduct a research about loss of biodiversity at Mkomazi Game reserve which become more serious. Mr Chitemo before visited the area of study he decided to study different materials related to his topic. Thus;
- Identify the type of research which will be conducted by Mr Chitemo.
 - Create a suitable research problem.
 - Generate two intentions of his research.
 - Give out four reasons why Mr Chitemo studied different materials before going in the field?
 - Identify the name of the research stage conducted by Mr Chitemo.
6. Form four students at Nyasa secondary school observed different obstacles in the field when they were chaining, the obstacles varied in size examples of obstacles observed were forest, pond and hill. They said that all types of obstacles were there. As an expert in survey
- What is chain obstacle?
 - Apart from chain obstacle, Mention other two types of obstacle observed by students in the field
 - Identify three techniques that can be used to overcome it.
 - With the aid of diagram show how are you going to overcome such obstacle mentioned in (b) above by using Pythagoras theorem
7. Study the following photograph below then answer the questions that follow
- With two reasons, name the type of photograph shown above
 - State the title of the photograph
 - Mention four famous regions in Tanzania where this crop is grown
 - Mention two condition necessary for the growth of crop you have mentioned in (a) above
 - State the scale of photograph
 - With evidence show two contribution of crop shown to the economy of Tanzania



8. (a) Define the term wind erosion
- (b) Briefly describe by means of diagrams the role of wind in snapping desert areas with respect to four erosional features.

SECTION C (30 Marks)

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

9. According to the census conducted in 2022 in our country, it has observed that there is a great variation of the total population in our regions. Explain the environmental factors that have influenced the uneven population distribution in Tanzania.
10. Plantation is the most common form of agriculture practiced in tropical region of Africa, Asia and South America. Justify six (6) characteristics of plantation agriculture practiced these areas.
11. "Most of the East Africa rivers are not suitable for navigation purpose" Justify this statement with six points.