

PRESIDENT'S OFFICE

REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT

DARES SALAAM REGION

FORM FOUR MOCK EXAMINATION 2024

GEOGRAPHY

CODE 013

TIME 230 HOURS

Wednesday 10th July, 2024 P.M

INSTRUCTIONS

1. This paper consists of section **A**, **B** and **C** with total of **eleven (11)** questions.
2. Answer **all** question in sections A and B and two (2) questions from section C.
3. Section A carries **sixteen (16)** marks, section B carries **fifty four (54)** marks and section C carries **thirty (30)** marks.
4. Map extract of **MWANZA (sheet 33/2)** is provided
5. Non programmable calculators and mathematical table are allowed in the examination room
6. All writings must be in **blue** or **black** ink except drawings which must be in pencil
7. Write your **Examination Number** on every page of your answer booklet (s)

This paper consists of 4 printed pages

2. Match the items in **list 'A'** with the responses in **list 'B'** by writing a letter of the correct responses in the answer booklet (s) provided

LIST 'A'	LIST 'B'
<p>The diagram shows a cross-section of the Earth with several layers and discontinuities labeled with Roman numerals in parentheses: (i) is the outermost layer (Ocean), (ii) is the crust, (iii) is the Mohorovicic discontinuity, (iv) is the mantle, (v) is the Gutenberg discontinuity, (vi) is the inner core, and (vii) is the outer core.</p>	<p>LIST 'B'</p> <p>A: Crust B: Mohorovicic discontinuity C: Inner core D: Outer core E: Gutenberg discontinuity F: Mantle G: Conrad discontinuity H: Ocean</p>

SECTION B (54 Marks)

Answer **all** questions in this section

3. Carefully study the map extract of **Mwanza (sheet 33/2)** provided, and then answer the following questions
- How far is 872 114 to 909 149
 - Calculate the area of the lake Victoria north of 180 Northing in km² by using grid square method
 - With evidence from the map outline any two economic activities that might be taking place of the area.
 - Using a vertical scale of 1cm to represent 20m, draw a cross section from grid reference 901 108 to 912 129.

4. Carefully study table below showing the crop production in Tanzania for five years in 1000 kilograms and answer the question that follows.

CROP / YEAR	2005	2006	2007	2008	2009
Coffee	1000	900	800	700	800
Tea	700	700	600	680	600
Cotton	500	400	300	600	350
Pyrethrum	300	200	300	440	450

- Using a scale of 1cm represent 200 kilograms present the above data using a compound bar graph
 - List two merits of using a compound bar graph to represent statistical data
 - A part from the means used to present the given data, what could be the other ways for presenting data above? (Give two (2) points)
5. A group of people were walking in a series of connected chain while measuring linear distance and collected the side details nearby the road way, suddenly they meet a bush which you cannot see through, then they started complaining about the situation they faced as result of not pre visiting the area before any surveying work. Use information above to answer the following questions
- What is a name given to the group of people measuring linear distance?
 - What is a step or procedure skipped before conducting the surveying work described
 - Mention three (3) advantages of the procedures skipped above?
 - What is the name of the type of survey method used?

6. Currently, Tanzania is facing a serious problem of frequent floods in Rufiji basin which caused various adverse effects on human development and environment. As a student of form four class you have been assigned by a geography teacher to conduct a research based on this problem
- (a) Suggest the statement of the research problem
 - (b) Propose three possible research tools you will use during data collection
 - (c) Outline two (2) sources of data for this study
 - (d) Name three (3) significance of conducting this research
7. Study carefully the given photograph and answer the question that follows

- (a) Name the crop shown in the photograph
- (b) Mention two (2) natural conditions which favour the growth of the crop mentioned in (a) above
- (c) Name the regions of Tanzania which grow the crop at a commercial level
- (d) With concrete evidence, explain scale of production as shown on the photograph
- (e) In which hemisphere was photograph taken
- (f) At what time picture was taken

8. The four students visited Democratic Republic of Congo (DRC) for study tour. On the way they saw luxuriant types of vegetation and tropical rainforest. This forest was comprised with a multitude of ever green trees of different layers such as bottom layer, middle layer and top layer.
- (a) What is the type of climate region for the dominant forest
 - (b) Describe four characteristics of that type of climatic region
 - (c) Name three human activities which might be taken place in that climatic region

SECTION C

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

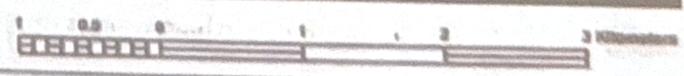
9. Tanzania population is growing dramatically as government succeeded in mortality rate reduction and health sector in general. Comment on the statement that "population growth may be asset or liabilities"
10. Hydro Electric power has been the back bone of energy supply in Tanzania for a long time. Explain in six (6) points, why Tanzania takes long time to establish Hydro Electric power at Rufiji River Basin (Stiglers Gorge power plant)
11. Plastic wastes cause the biggest threat to water bodies in the world, particular in the ocean. The United Nations Environment programme warns that by 2050 we will have more plastic in the ocean than fish if nothing is done to reverse the trend. Explain the efforts taken by the government of Tanzania to manage the plastic waste pollution in the country (six 6 points)



Extract from MWANZA Sheet 33/2
 Series Y742, Edition 2-TSD/ Ministry of Lands,
 Government of the United Republic of Tanzania 1994

HEIGHTS IN METRES

Scale 1: 50,000



<p>Town or area with permanent buildings</p> <p>Other populated area, Houses</p> <p>All Weather Road - Bound Surface</p> <p>All Weather Road - Loose Surface</p> <p>Main Track (Motorable)</p> <p>Other Track and Footpath</p> <p>Cable Line</p> <p>Railway Siding, Station, Level Crossing</p> <p>Railway Light</p> <p>Airfield Runway</p>	<p>Telephone Line</p> <p>Telephone Line along Road</p> <p>Power Line</p> <p>Crater</p> <p>Steep Slope</p> <p>Spot Height (in metres)</p> <p>Contours (1:20m) Depression</p> <p>Air Photo Principal Point with File No.</p> <p>Watercourse, Waterfall, Rapids, Dams</p> <p>Watercourse (Wide), Waterfall Rapids</p> <p>Watercourse (Indefinite)</p> <p>Water Tank, Windpump</p>	<p>Borehole, Waterhole, Well, Spring</p> <p>Bund, Major Fence, Hedge</p> <p>Cliff</p> <p>Forest</p> <p>Thicket</p> <p>Bamboo</p> <p>Riverine Trees</p> <p>Plantation: (Coffee, C. Palm) (Teak, S. Sugar, Su, White W)</p> <p>Woodland</p> <p>Scrub</p>	<p>Scattered Trees</p> <p>Palm Trees</p> <p>Mangrove Swamp</p> <p>Tree Swamp</p> <p>Papyrus Swamp, Marsh, Bogs</p> <p>Seasonal Swamp</p> <p>Sand or Mud Inland Coastal</p> <p>Outcrop Rock</p> <p>Coral</p>	<p>ABBREVIATIONS</p> <p>Ch Church</p> <p>CBP Cotton Buying Post</p> <p>CHo Court House</p> <p>DC District Commissioner</p> <p>Disp Dispensary</p> <p>Hosp Hospital</p> <p>HC Health Center</p> <p>M Mission</p> <p>Md Madras</p> <p>Mosq Mosque</p> <p>MoW Ministry of Works</p> <p>PO Post Office</p> <p>PP Police Post</p> <p>PS Police Station</p> <p>RH Rest House</p> <p>Sch School</p> <p>T Telephone</p> <p>TG Telegraph</p>
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