

PRESIDENT'S OFFICE
REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT
ARUSHA REGIONAL
FORM FOUR MOCK EXAMINATION
GEOGRAPHY

CODE: 013

TIME: 3:00HRS

MAY 2025

INSTRUCTIONS:

- (i) This paper consists of section A, B and C with total of eleven (11) Questions
- (ii) Answer all questions in section A and B and two questions in Section C.
- (iii) Map extract of LIWALE sheet 280/4 is provided
- (iv) Non programmable may be used
- (v) Answer your examination number on every page of your answer booklet (s)

SECTION A (16 MARKS)

Answer all questions

1. For each of the items (i-x) choose the correct answer from the given alternatives and write its letter in the answer booklet.

- (i) In Singida and Tabora regions people are facing water shortage, they are digging hole to trap water in the artesian basin. Therefore they obtain water through.

- | | |
|--------------------|------------|
| (A) Artesian basin | (D) Spring |
| (B) Basin | (E) Well |
| (C) Spring | |

- (ii) Form four students visited Coca Cola industry Limited in Moshi for field excursion. Identify the type of industry they visited.

- (A) Processing industry
- (B) Metallurgical industry
- (C) Manufacturing industry
- (D) Automobile industry
- (E) Crafts industry

- (iii) Denudation process leads to the formation of numerous geographical phenomena and land forms, Denudation comprises of the following forces.

- (A) Erosion, deposition and faulting
- (B) Erosion, faulting and folding
- (C) Deposition, mass wasting and weathering
- (D) Erosion, mass wasting and weathering
- (E) Erosion, vulcanicity and folding

- (iv) Population of Tanzania is undergoing fast growth every year. Which factors can cause population to be dynamic

- (A) Fertility, fecundity and migration
- (B) Mortality, Emigration and death
- (C) Migration, mortality and fecundity
- (D) Mortality, fertility and fecundity
- (E) Fertility, mortality and migration

(v) Mr. Kichere draw the map whose scale was 4cm to 16km. what could be the R.F scale?

- (A) 1: 400,000
- (B) 4:1,600,000
- (C) 2:800,000
- (D) 1:4
- (E) 4:16

(vi) Kibu Denis in Dar es Salaam 45°E scored the goal at A 10: 00pm. What will be the time in New York 60°W?

- (A) 4
- (B) :00PM
- (C) 10:00AM
- (D) 3:00PM
- (E) 11:00PM
- (F) 9:00PM

(vii) The cartographer prepares the map of Arusha where Ngorongoro crater must be indicated. Which one among the following ways will be used to indicate the crater?

- (A) Form lines
- (B) Hachures
- (C) Trigonometrical station
- (D) Contours
- (E) Spot height

(viii) Students from mama Samia Secondary school put an iron sheet in the soil, a year later they came to find the iron sheet nearly to be like soil itself. What process had taken places?

- (A) Hydrolysin
- (B) Solution
- (C) Carbonation
- (D) Oxidation
- (E) Hydration

(ix) One of the PhD holder in Arusha visited Moshi town, in the next day during the morning he saw the white sheet on top of Kilimanjaro mountain but when it reached afternoon the sheet disappeared, which types of the mountain did he saw?

- (A) Glacial mountain
- (B) Fold mountain
- (C) Block mountain
- (D) Volcanic mountain
- (E) Residual mountain

(x) The student from the university of Dar es salaam (UDSM) conducted her research in the societies where the areas are occupied by stagnant water

that resulted to the scarcity of land for agriculture and settlement. Which method should be used to overcome the challenge?

- (A) Land degradation (D) Land policy method
(B) Deforestation (E) Agro-forest method
(C) Land reclamation

2. Match the items in LIST A with correct response in LIST B by writing the letter of correct response beside the item number in the answer booklet(s) provided.

LIST A	LIST B
(i) Type of fault resulting from tensional force	A. Overthrust fault
(ii) Type of fault resulting from compressional forces	B. Monocline fault
(iii) Type of fault formed when two rock block slide against each other	C. Normal fault
(iv) Type of fault formed when one limb slides over the other limb	D. Transform fault
(v) The fault involve fracture in which the strata are bent	E. Reverse fault
(vi) Outcomes of faults.	F. Rift valley
	G. Fault plane
	H. Lateral forces
	I. Basin and fold mountain

SECTION B (54 MARKS)

Answer all question in this section

3. In Tanzania the phenomena was occurred in Bukoba on September 2016. The people experienced natural shaking of the earth's crust, were they started to move from place to place to find safely environment to save their lives against the destruction of this phenomena
- 3 of earth quake*
volcanic eruption
ii) mass wasting
iii) T. tsunami
- (a) What was the phenomena experienced?
(b) Give four causes of geographical phenomena in (a) above
(c) Appraise four effects of the phenomena in (a) above.
- 2 deaths a prop*
ii) destruction of properties
iii) can cause T. tsunami
iv) lost soil erosion

4. Before the river enter into the sea it distributes into the number of streams, between the distributaries are colonized with low-lying swamp plain which slowly support growth of varies types of plants.
- (a) Which kind of feature explained above
(b) Explain four types of feature in (a) above
(c) Why most of African rivers are not good for navigation highlight four points

5. Mr. Mzuri recorded a climatic data in one of the weather station as follows.

Rain (mm)	400	600	700	800	1000	1200
Temperature (C)	5 - 1	10 4	15 9	25 19	30 24	35 29
Years	2000	2001	2002	2003	2004	2005

- (a) Present temperature data by divergent line graph
(b) Comment on the temperature of the area

6. Mr. Gona called his students to conduct chain survey in order to get accurate measurement of their school. In their measurements help them to explain the following terms.

- (a) Chaining
(b) Offsets
(c) Tie lines
(d) Ranging poles
(e) Cross staff
(f) Pegs
(g) Arrows
(h) The follower
(i) Errors in chain survey

Handwritten notes for question 6:

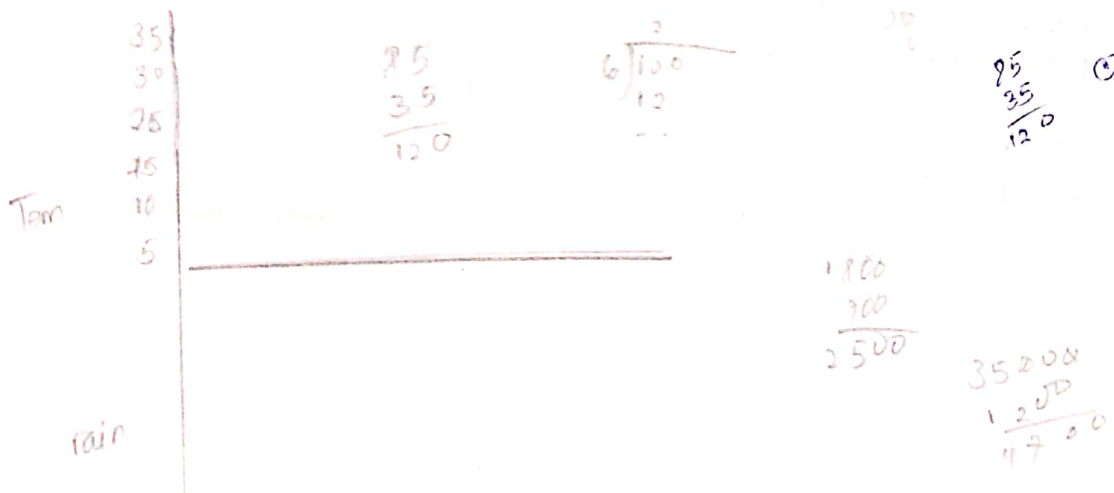
- Chaining: - 5, 10, 15
- Offsets: 5, 10, 15

7. (a) Photograph and map are some how related and not related. You as a form four Geography expert differentiate map from photograph. Give four points.

- (b) According to angle of caption, there are three types of photograph. State the photo graph type,

- (i) Taken at 180 *oblique*
(ii) Taken at 90 *vertical*
(iii) Taken at angle less than 90 *horizontal*

- (c) Give two significance of photograph in geographical studies.



8. Study the map of LIWALE sheet 280/4 than answer question below,
- (a) In two points describe the nature of geology
 - (b) What are the four social services available in LIWALE
 - (c) With evidences from the map, list three methods that have been used to locate features.
 - (d) By using the scale of 1:25000 calculate the distance of the road from LIWALE B grid reference 860159 to LIWALE grid reference 820163 in Kilometres.

SECTION C. (30MARKS)

Attempt two (2) questions from this section

9. Form four students from KAZI IENDELEE secondary school conducted not debate on where they can generate geographical research problem. Assist them by giving six sources of geographical research problem.
10. Settlement in Tanzania are uneven distributed. Describe six physical factors for the growth of settlement in Arusha as one of the biggest city in Tanzania.
11. Fossil fuels are both energy resources for economic development and instrument for environmental destruction. Justify the statement with six points.

ii) soil
iii) climate
iv) Relief
v) Drainage
vi) mineral and energy resources
vii) vegetation.

9?

8 a7

9

9