

PRESIDENT'S OFFICE  
REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT  
FORM SIX JOINT MOCK EXAMINATION—2024  
DODOMA, IRINGA, SINGIDA, DAR ES SALAAM, TANGA. LINDI AND MOROGORO  
GEOGRAPHY 1 MARKING GUIDE.

1. MAP QUESTION

a) Data given

Map distance 18cm

**1mark**

Map scale 1; 50000

2cm = 1km

18cm =?

**1 mark**

=9km

The distance of the road is 9km

**2 marks**

b) The type of climate of a mapped area is Modified Equatorial Climate

**1 mark**

Evidences **2 points. each point 1 mark**

- i. Latitudinal location
- ii. Vegetation cover
- iii. Water bodies
- iv. Relief

c) Methods of representing relief features apart from contour method are

- i. Trigonometric station. this is found at grid reference 645277
- ii. Hachuring method. This is found at grid reference 680160 it is used to show the slope

**Two points each one marks = 2 marks**

d) The bearing of Gusa mission to Mesaba hill is  $120^\circ$

**3marks**

From the formula

$BB = FB \pm 180$

$BB = 300^\circ$

**2 Marks**

e) The area once experienced volcanic eruption due to the following evidences

- i. Presence of crater
- ii. Presence of hills
- iii. Presence of forest
- iv. Water bodies.

**3 points each 1 marks= 3 marks**

4.

- f) The following are economic activities from a mapped area
- i. Tourism activities
  - ii. Mining activities
  - iii. Lumbering activities
  - iv. Pastoralism activities
  - v. Trading activities
- 5 points each 1 mark if evidence is provided =5 marks**
- g) The following are obstacles for the smooth establishment of settlements west part of a mapped area
- i. Presences of mountains and hills
  - ii. Presence of BALANGIDA
  - iii. Presence of steep slopes
  - iv. Presence of harsh vegetation cover,
- 3 points= 3 marks**

**TOTAL =25 MARKS.**

4.

2. A. The following are types of obstacles a surveyor can meet during chain survey.
- Obstacles to chaining
  - Obstacles to ranging
  - Obstacles to both ranging and chaining

**2MARKS FOR EACH =6 MARKS**

**B.Diagram**

**5 MARKS**

**C. Applications or usefulness of chain survey in our daily life**

- It is used in measuring of distances on the ground
- It is applied in division of plots
- It is used in construction activities
- It used in solving land conflicts

4 points each 1 mark=4 marks.

**Total marks= marks**

**3. A. INCREASE OF STREET CHILDREN IN SOCIETIES**

**1mark**

**B. The two types of hypothesis**

- Null hypothesis  
The increase of street children in the societies is due to family poverty
- Alternative hypothesis  
The increase of street children in the societies is not due to family poverty.

**2 points each 2marks =4 marks**

**C. The sources of the stated research problem are**

- From the societies
- From NGOS
- From personal experience
- From readings

**3 points each 2 marks=6 marks**

**D. The following are the significances of the research undertaken by the students**

- It will help to solve the problem of street children
- It will give insight on the causes of street children
- It gives knowledge on the causes of street children
- It helps to formulate and improve policies on street children,

4 points each 1 mark =4 marks

**Total marks =15 marks**

4.

**4. Introduction.**

A student has to define plate tectonics theory. **1.5 marks**

**Main body.**

A student has to explain the importance of plate tectonics theory

- a. The theory helps to know the distribution of the earth quake, volcanoes and mountain ranges
- b. It helps to know how continents were formed
- c. It gives insight of rock cycle
- d. It helps to predict the future trend of geomorphic states
- e. It helps to know the dynamic nature of the earths lithosphere
- f. It helps us to take precaution on the future crystal deformation
- g. It helps to know well the existence and the formation of island arcs and oceanic trenches.

**7 points each 2.5 marks =17.5 marks.**

**Conclusion 1 mark**

**Total 20 marks**

**5. Introduction**

Meaning of crop production and soil infertile **2marks**

**Main body**

**causes of soil infertile 4 points each 2 marks-8 marks**

- I. Soil erosion
- II. Leaching process
- III. Monoculture
- IV. Mass wasting
- V. Soil pollution
- VI. Deforestation
- VII. Draught

**Ways to improve soil production. 4 points each 2 marks =8 marks**

- I. Crop rotation
- II. Intercropping
- III. Application of organic manure
- IV. Cover crops
- V. Contour farming
- VI. Mulching
- VII. Bush following

**Conclusion 2 marks.**

**Total 20 marks**

4.

**6. Introduction . meaning of coastal zone. 1mark**

**Main body**

Challenges facing coastal areas.

- I. Water pollution
- II. Land degradation
- III. Floods
- IV. Deforestation
- V. Loss of biodiversity
- VI. Increase of population
- VII. Diseases

**6 points each 3 marks=6 marks**

**Conclusion 1 marks**

**Total 20 marks**

**7. Introduction.**

**Meaning of temperature inversion**

**1marks**

**Main body**

Causes of temperature inversion

- ❖ Presence of ozone layer in the atmosphere
- ❖ Terrestrial radiation
- ❖ Formation of fronts
- ❖ Air subsidence
- ❖ Advection
- ❖ Water vapors
- ❖ Land breeze

**Conclusion 1**

**6 points each 3 marks =18**

**Total 20 marks**