

**PRESIDENT'S OFFICE**  
**REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT**

**FORM FOUR MIDTERM EXAMINATION**

**013**

**GEOGRAPHY**

**Time: 3:00 Hours**

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**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** and **B** and two **(2)** questions from section **C**
3. Map extract at **Nansio** (sheet22/1) is provided

**SECTION A. (16 Marks)**

Answer **all** questions in this section.

1. For each of the items (i – x), choose the correct answer from among the given alternatives and write its letter in the answer booklet (s) provided.
  - i. Which one among the following by origin and composition is not a form of igneous rocks?

A. Sill	D. Volcano
B. Gypsum	E. Granite
C. Lavaplain	
  - ii. Sometimes the shape of the sea is anomalous, it can enter the land or sometimes surround the land. All these appearances have different name. What is the name of the part of sea that is surrounded by land?

A. Peninsula	D. Gulf
B. Cape	E. Strait
C. Island	
  - iii. Joyce wondered to see the objects with leading heads and bright tail in the sky which were made up of ball ice, dusts and gases. According to your understanding what do you think were those objects?

A. Asteroids	D. Comets
B. Meteors	E. Meteor
C. Satellites	
  - iv. One among the following is a way used to represent scale  
A. Direction B. Large scale C. Medium scale D. Small scale E. Linear scale

- v. Dr. Limo addressed the meeting at Mombasa ( $15^{\circ}\text{E}$ ) at noon. The people of Benin observed the same speech at 8:00 am on the Television. Suggest the Longitude of Benin
- A.  $30^{\circ}\text{W}$  D.  $60^{\circ}\text{E}$   
 B.  $45^{\circ}\text{W}$  E.  $60^{\circ}\text{W}$   
 C.  $45^{\circ}\text{E}$
- vi. Suppose you have been invited by your fellow students at Diongoya Secondary school to educate them about the topic of major features of the earth's surface which are formed by the process of wrinkling of the Upper parts of the earth crust due to compressional force. Which one among the following features will you present to them
- A. Block Mountains D. Rift Valleys  
 B. Fold Mountains E. Residual Mountains  
 C. Volcanic Mountains
- vii. Mwajuma was explaining to her grandmother about the layers of the earth's atmosphere. She told her that the atmosphere comprises of different layers in which one of them support rain formation due to its high amount of water vapour. From your understanding, what is the name of that layer?
- A. Mesosphere D. Troposphere  
 B. Stratosphere E. Ozone Layer  
 C. Exosphere
- viii. Dotto cultivates a piece of land and she leaves it for some years regain its fertility. She is now expecting to go back for cultivation next year. What is the type of cultivation Dotto practicing?
- A. Mixed farming D. Mono-cultivation  
 B. Shifting cultivation E. Bush fallowing  
 C. Modern cultivation
- ix. It is a fact that Ocean currents are set in motion. Which one among the following is the reason for the movement of the Ocean currents?
- A. Revolution of the Earth D. Lunar Eclipse  
 B. Rotation of the earth E. Overhead sun  
 C. Gravitational force
- x. The people of Ndole village are not served with Electricity; instead they are using the energy that is produced from Flora and Fauna products after being broken down by bacteria in an oxygen tree environment. From the knowledge you have acquired in from two on the topic of sustainable use of power and energy resources. What is the name of such energy?
- A. Wind Energy  
 B. Solar Energy  
 C. Hydro Electric Power  
 D. Geothermal Energy  
 E. Biogas Energy

2. Match the description of desert landforms in **list A** with the corresponding names in **list B** by writing the letter of the correct response beside the item number in the answer booklet (s)

<b>List A</b>		<b>List B</b>
i.	Solid heavenly bodies revolving around the sun	F. Meteors
ii.	Objects with leading heads and bright tails in the sky	G. Moon
iii.	The moons of the planets	H. Asteroids
iv.	The natural satellites of the earth	I. Planets
v.	Pieces of hard matter falling from the outer space	J. Satellites
vi.	The energy harnessed from the sun	K. Comets
		L. Solar eclipse
		M. Solar system
		N. Solar energy

### **SECTION B. (54 Marks)**

Answer all questions in this section

3. Study c Carefully study the map extracted from Nansio (sheet 22/1) and answers the following questions;

- With the evidence from the map suggest the relief of the mapped area
- Calculate the distance of a road in kilometers from grid reference 080672 to 158660
- Identify four economic activities that might be conducted in the map with evidence.
- Describe the settlement pattern found in the map

4. The table below show agricultural production in Tanzania from 2011 to 2013 in “000” Tones.

<b>CROPS/YEAR</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Maize	60	75	80
Tobacco	30	45	55
Coffee	50	60	65

- Present the data by using comparative bar graphs
  - Suggest other two methods which could be used to present the provided data
  - Give two advantages of the method used above
5. Rose wanted to identify distance between her village and the neighboring one. When she started her activity. He encountered with a pond which limited straight measurement to take place between two places.
- Name the type of obstacle that Rose faced
  - Name the method suitable for overcoming obstacle named in (a).
  - Describe the method in (b) diagrammatically.
  - Explain three advantages of the activity conducted by Rose.
6. The New kiomboi secondary school located at Iramba – Singida prepared the questions in advance in which the same questions were asked to all students who attended the school with a need of securing a chance in the academic year 2023 for form one class.
- Identify the type of interview used by New Kiomboi secondary school.
  - Give out four (4) procedures of conducting interview
  - Outline two (2) merits and two (2) demerits of the interview method

7. Junior was inside the house where he observed sudden shaking of the floor due to the vibration of the earth's surface caused by natural tones operating beneath the Earth's crust. Answer the following questions.
  - a) Name the environmental hazard experienced by Junior?
  - b) What is the instrumental used to measure the intensity of the hazard named in (a) above?
  - c) Briefly explain the four causes of the hazard in (a) above.
  - d) Describe three (3) effects of the Hazard named in (a) above
  
8. Godfrey produced a photograph of African continent by satellite vertically from the aircraft. After the production of the picture, he provided to his students in geography examination with the following questions. Imagine you were the one, answer those questions.
  - a) What type of the photograph is that?
  - b) What are the three characteristics of the photograph in (a) above?
  - c) Comment on the scale of the photograph given in (a) above
  - d) What are the importances of that photography over other type of the photograph (3 points)
  - e) Give any three similarities between the photograph named (a) and the map

### **SECTION C (30 Marks)**

Answer any **two (02)** questions from this section.

9. As an NEMC Officer, you have given an opportunity to conduct a seminar with the citizen on the environmental pollution and mismanagement. Use six points, explain how you will advise the citizens on different ways for conserving the environment?
  
10. Two students of form one was arguing against each other on the shape of the Earth. One was saying that the earth's shape is flat, another was claiming that the earth's shape is flattened sphere. You as form four students; how would you resolve the misunderstanding among these form one students. Elaborate your arguments by giving six (6) points
  
11. Obama wants to establish food and beverage industry but suffers on where he can locate his industry, advise him.