PRESIDENT'S OFFICE

REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT AUTHORITY

KINONDONI MUNICIPAL COUNCIL

FORM FOUR DISTRICT PRE-MOCK EXAMINATION

CODE: 013 **GEOGRAPHY**

Time: 3 Hour **Year: March 2024**

Instructions

1. This paper consists of sections A, B and C with a total of **eleven (11)** questions.
2. Answer **all** questions in sections A and B and any **TWO (2)** questions from section C.
3. Section A carries **sixteen (16)** marks, section B **fifty four (54)** marks and section C carries **thirty (30)** marks.
4. Map extract of ILONGA (SHEET 265/2) is provided
5. Use black or blue ink and all the drawings should be in pencil
6. Programmable calculators are not allowed.

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SECTION A (16 Marks)

Answer **all** questions in this section.

1. For each of the items (i - x), choose the correct answer among the given alternatives and write its letter beside the item number in the booklet provided.

(i) Auma did a research to find out the origin of the organically formed sedimentary rock. What did she find?

A. They are from animal and plant remains
B. When other rocks undergo chemical –precipitation
C. They are formed by heat and pressure
D. Formed by compaction and cementation
E. Formed by sediments from eroded rocks materials of the existing rocks.

(ii) Form Three students surveyed a river at it upper course. They were able to see several features and, one of it was a big pothole at the base of a waterfall. The feature can be termed as:

A. Waterfall
B. Plunge pool
C. Interlocking spurs
D. Boulders and pebbles
E. River meander

(iii) The structure of the earth is divided into:-

A. Sial and Sima
B. Crust, mantle and core
C. Upper mantle and Lower mantle
D. Outer core and inner core
E. Internal and External structures

(iv) Cresensia visited a hot desert Landscape. During her visit managed to learn that some rocks used to crack and peel-off. The geographical term for this process is referred to as:

A. Salt crystalisation
B. Granular disintegration
C. Exfoliation
D. Carbonation
E. Hydrolysis

(v) During soil test practical Anthony was given four samples. Sample A contained Black soil, Sample B contained fine sand, sample C contained platty soils and Sample D contained $15g/cm^3$. Help him to identify exactly which one of the sample represent soil texture?

A. Sample A
B. Sample B
C. Sample C
D. Sample D
E. Sand A and C

(vi) Kato is keeping animals in a permanent place and does not move from place to place looking for water and pasture. What is the general term for the practice?

A. Pastoralism
B. Semi-nomadic
C. Transhumance
D. Sedentary Livestock keeping
E. Commercial animal keeping

(vii) Calculate the temperature of Pangani 500 metre above sea level if the temperature of Kahe 1500 metres above sea level is 15^0C:

A. 24^0C
B. 25^0C
C. 26^0C
D. 21^0C
E. 09^0C

(viii) Large masses of volcanic rocks often form the root of volcanic mountains are called;-

A. Sill
B. Laccolith
C. Volcanic cones
D. Batholiths
E. Phaccolith

(ix) The Forestry officer restricted the villagers from entering the reserved forest near their village. What do think would be the social-economic value of the reserved forest;-

A. Cultivation of crops
B. It will be used to open up mining activities
C. Exploitation of the forest resources such as wood and timber
D. Tourism and research studies
E. Growing of exotic species of trees

(x) The Geological time scale is the scheme of time classified into three Eras. Which one is the correct sequence?

A. Mesozoic, Paleozoic and Cenozoic
B. Periods, epoch and ages
C. Paleozoic, Mesozoic and Cenozoic
D. Cenozoic, Paleozoic and Mesozoic
E. Tertiary, quaternary and Oligocene

2. Match the descriptions of the features of the Karst region in **List A**, with the correct responses in **List B** by writing the letter of the correct response beside the item number in the answer booklet provided.

LIST A	**LIST B**
(i) The Karst region found in Tanzania	A. Tourism
(ii) The general appearance of the surface of the Karst region	B. Beaches
(iii) The porous rock which is well jointed	C. Stalactite
(iv) Finger-like structure of calcite hanging vertically from the roof	D. Amboni caves
(v) Pillars growing upwards from the floor of a cave	E. Agriculture
(vi) Importance of a Karst region to man	F. Limestone
	G. Stalagmite
	H. Absence of surface drainage and vegetation

SECTION B (54 Marks)
Answer all questions in this section.

3. Study carefully the map extract of ILONGA sheet 265/2 series Y 742 and answer the questions that follow:

(a) Most of the land on given map has been used for agricultural activities. Describe two main factors that have influenced agriculture.
(b) Contouring is one of the methods, which have been applied to show relief of the mapped area. Give two characteristics of contours.
(c) With concrete evidences, explain any four of land use the area of the map extract.
(d) Giving one evidence, describe the drainage of the area.

4. Makala is a geography teacher. One day he was teaching form four students a topic of Introduction to Research. He explain to his students about research findings and their application to the society.

(a) What do you understand by research findings?
(b) Describe any two importance's of research findings to the society
(c) Outline three sources of research topic.

5. Form Three students conducted a chain survey in their school compound with an objective of drawing a school map. In the process they came across an obstacle, which halted the activity for a while.
(a) What is an obstacle in chain survey?
(b) Briefly describe the three types of obstacles in chain survey
(c) Describe two techniques used in overcoming obstacles in chain survey.

6. Study carefully the photograph provided and then answer the questions that follow.



(a) By giving two evidences, suggest the type of the photograph.
(b) Briefly describe the type of transport portrayed in the photograph.
(c) State the mode of transportation used in the photographed area.
(d) Which items in Tanzania are transported by the mode stated in part (c)? Give three (3) items.

7. Abigael observed a downward movement of weathered materials on a slope under the influence of gravity, when she visited a mountain near her village.
(a) State the geographical phenomenon she observed
(b) Describe the two types of the geographical action stated in (a)
(c) Explain four effects of the phenomenon suggest in part (a) on the environment.

8. (a) Explain two types of statistical data according to their mature.
(b) Brief describes three importance of statistical data in Tanzania.

SECTION C (30 Marks)

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

9. Shija travelled from Mwanza to Dar es Salaam by bus. On his way managed to see different types of rocks interms of shape and size. Explain six importance of rocks to the economic development of Tanzania.

10. Tanzania is working hard to exploit her resources through Blue economy. Describe six economic sectors, which are being developed in blue economy.

11. Giving relevant examples, describe six challenges facing water transport in East Africa.