THE PRESIDENT'S OFFICE
REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT
ILEMELA MUNICIPAL COUNCIL

FORM FOUR MID-TERM JOINT EXAMINATION MARCH, 2024
GEOGRAPHY

TIME: 3.00 HOUR **MARCH 2024**

INSTRUCTION

1. This paper consists of sections A, B and C with a total of eleven (11) questions.
2. Answer All questions from section A and B only TWO question from section C
3. The map extracts of MBEYA (sheet 244/4) is provided
4. Programmable calculators, cellular phones and unauthorized materials are not allowed in the examination room
5. Write your candidate number/name on every page of your answer booklet(s)

SECTION A (16Marks)

Answer All question in this section

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

   (i) Mr. Kayange decided to construct a map with each 2cm representing 8.4km on the ground. What is the representative fraction scale did he put in this map?

   A. 1: 840000
   B. 2:8:4
   C. 1:100000
   D. 1:420000
   E. 1cm:84km

(ii) One teacher was assigned by the head of school to counsel his students because of peer influence. Suggest the level of human activities conducted by the teacher

A. Tertiary activities
B. Quinary activities
C. Secondary activities
D. Quaternary activities
E. Guidance and counseling

(iii) The student of the University of Dar es salaam was presenting their finding about COVID-19 in BEN-DRC (30^{o}E) at 10:30am. Their fellow students were watching television in Dar es Salaam Tanzania (45^{o}E), what is the local at Dar es Salaam?

A. 11:30pm
B. 9:30pm
C. 9:30am
D. 11:30am
E. 11:45am

(iv) Asha is a farmer from Nguvumali village, she went to the agricultural officer to ask on the type of soil with clear distinguishable horizons which occurs in definite regions of climate and vegetation. What type of the soil did the agricultural officer mention to Asha?

A. Intrazonal soil
B. Zonal soil
C. Ozonal soil
D. Clay soil
E. Desert soil

(v) BWANA KOROSHO is a peasant at CHAUME village in TANDAHIMBA district who applies proper methods of farming. Identify some proper methods of farming BWANA KOROSHO uses

A. Terracing, overgrazing and contour terracing
B. Recyclable, bush fallowing and terracing.
C. Contour ploughing, crop rotation and mulching
D. Terracing, overgrazing and crop rotation
E. Shifting cultivation, terracing and overstocking

(vi) You are provided with several examples of industries, which one among the following is an example of fabrication industry?

A. Chemical industry
B. Metallurgical industries
C. Textile industries
D. Ship building industries
E. Iron smelting industries

(vii) Mr. Mweneyuni wanted to dig a dam for the purpose of obtaining water for his garden during dry season, but he did wrong by digging on the area with the rock which allows further percolation of water. As a skilled geography student, identify the type of rock on which Mr. Mweneyuni dug his dam

A. Permeable rock
B. Igneous rock
C. Impermeable rock
D. Rock cycle
E. Parent rock

(viii) A girl was crossing a river and accidentally dropped her bag in the river. The girl cried as the observed her bag being pulled by the river water towards the river mouth. What could the bag have named relation to the river action?

A. River erosion
B. River bed
C. River transportation
D. River meander
E. River load

(ix) From 2015 Tanzania is struggling to transform her economy from agriculturally based to industrial based economy, but one of the effects of the industrial based economy is pollution. Identify four types of pollution caused by industries.

A. Soil, water, noise and air pollution
B. Nuclear, land, noise and air pollution
C. Radiation, water, air and noise pollution
D. Air, noise, water, and nuclear, pollution
E. Land, radiation, noise, and nuclear pollution.

(x) Students visited mount Q, while walking they saw the land which has been displaced in different levels. Their geography teacher told them the name of that feature. What do you think is the feature?

A. Shear fault
B. Parallel steps
C. Reverse steps
D. Reverse fault
E. Normal fault

2. Match the items in List A with the correct respondent from List B by writing the letter of the most correct responses besides the item number in your answer booklet.

LIST A	LIST B
(i) Peeling off the outer layer of rock due to alternate expansion and contraction caused by temperature change (ii) Rock disintegration caused by action of plants and animals (iii) Rock disintegration which does not involve chemical processes (iv) A process resulting into formation of new type of rock when water combine with minerals of an existing rock (v) Removal of rock debris from one area to another by wind, water or waves. (vi) Movement of weathered materials due to gravity	A. Mechanical weathering B. Oxidation C. Denudation D. Erosion E. Mass wasting F. Biological weathering G. Hydrolysis H. Exfoliation

SECTION B (54Marks)

Answer All question in this section

3. Carefully study the map extract of MBEYA (sheet 244/4) and answer the following questions

(a) Calculate the length of the rail line from grid reference 440130 to 540128 in kilometers
(b) Describe the relief of the mapped area.
(c) With evidence from the map, identify the climate of the area.

(d) Giving examples from the map suggest two economic activities carried out on the mapped area.

4. Study carefully the table below on hypothetical data about cars importation in (000) in Tanzania in the year 1998 – 2001, then answer the questions that follows

TYPE OF CAR	YEARS			
	1998	**1999**	**2000**	**2001**
BMW	400	700	500	600
IST	350	600	700	200
SPACIO	500	800	700	300

(a) Present the data of SPACIO car importation in divergent line graph.
(b) Give out the procedures on how to construct divergent line graph.
(c) Comment on the variation of SPACIO car importation to Tanzania (Give three reasons)

5. Suppose you want to conduct a research about maize production in your District from 2008 to 2018 and your interest is to know whether the production has increased or decreased. Your plan is to consult farmers who were directly involved in maize production in the said period and visit the district agriculture officer for more information

(a) What will be the best research approach to your study?
(b) Name the main source of data for your study.
(c) Identify two individuals who will be respondents for your study.
(d) Mention your possible sources of research problem for the study.

6. There was a serious conflict between farmers whose plot were nearby each other. They tried to settle the conflict but they failed and later on they decided to consult the village executive to seek for the resolution. The village executive officer decided to send the village land resolution team to the field. The team used the method of linear measurements.

(a) Identify the method used by the village to the land resolution team
(b) List down any five (5) instruments that were used
(c) Identify the personnel's in the resolution team.
(d) Describe any four importation of using the method identified in "A" above

7. Carefully study the following photograph and answer the questions that follows



(a) With two evidence name the type of photograph.
(b) With evidence from the photograph mention the type of transport seen on the area.
(c) With evidence suggest the time when the photograph was taken.
(d) Describe the type of settlement pattern shown.
(e) Name two factors that might affect the quality of photograph.

8. Clara was inside the house when she observed a house shaking due to vibration of Earth's surface caused by forces operating beneath the Earth's crust.

(a) Identify the environmental hazard observed by Clara.

(b) What is the name of the instrument used to measure the intensity of the hazard named in "A" above.
(c) Describe four (4) causes of the hazard in "A" above
(d) Explain three (3) effects of the hazard named in "A" above

SECTION C (30Marks)

Answer only questions from this section

9. "People move from their usual place to other places as they change residence but most of them do not think that such a movement has effect". As an expert of population studies, how do you help them to understand the effect. Describe three (3) effects of movement at the point of origin and three (3) effects at the point of destination.

10. As a NEMC officer, you have been given an opportunity to conduct a seminar with the Citizen on environmental pollution and mismanagement. Using six (6) points explain how you will advise the Citizen on different ways for conserving the environment.

11. Kameleka's grandmother used to cultivate many crops in small area using local seeds, and hand hoe and now she is blaming that she has been harvesting nothing in five years and she is complaining that her neighbors are the one who cause this problem. Explain to her six (6) ways on how she can improve her farming system instead of complaining to her neighbor