

**THE PRESIDENT OFFICE
REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT
FORM FOUR PRE-MOCK EXAMINATIONS
SINGIDA REGION
GEOGRAPHY**

TIME: 3 HOURS

MARCH, 2023

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 any **two (2)** questions from section **C**.
3. Map extract of MPWAPWA (sheet 163/4) is provided.
4. All diagrams must be drawn by using pencil.
5. Cellular phones and any authorized materials are not allowed in the examination room.
6. Write your **Examination Number** at the top right corner of every page.

SECTION A (16 MARKS)

Answer **all** questions in this section.

1. For each of the following items (i) – (x) choose the correct answer from among the given alternatives and write its letter beside the item number in the answer booklet provided.
 - (i) When tourists visited Pangani beach in Tanga were surprised by the movement of water in the Ocean, basing on your knowledge, when do you think the highest tide occur?
 - A. During the eclipse
 - B. During the aphelion
 - C. During the Equinox
 - D. During the day and night out the year
 - E. At the poles
 - (ii) During the geography lesson in form one class, a student failed to give example of block mountain which of the following is an example of block mountain?
 - A. Atlas mountain
 - B. Meru mountain
 - C. Ruwenzori mountain
 - D. A coast that has a cliff
 - (iii) The temperature of Dodoma at 1200 metres above the sea level is 20°C. What will be the temperature of Mbeya 2000 metres above the sea level?
 - A. 16°C
 - B. 18°C
 - C. 15.2°C
 - D. 14.8°C
 - E. 30.40°C
 - (iv) Which of the following world's climatic region found in coastal region between Scandinavia regions?
 - A. Moonsoon region
 - B. Mediterranean region
 - C. Worm temperate interior region
 - D. Savannah region
 - E. Tundra region
 - (v) The following are the subterranean features in karst region except
 - A. Caves or cavern
 - B. Doline
 - C. Stalactites
 - D. Stalagmites
 - E. Natural pillars

- (vi) Which of the following features is not among the glacial erosion feature in highland?
- Arête
 - Cirque
 - Crag and tail
 - Col
 - Pyramidal peak
- (vii) Which is the longitude of Pohama if its local time is 10:00 pm, whereas the longitude of Accra is 0° and local time is 7:00 pm?
- 35° E
 - 35° W
 - 45° E
 - 45° W
 - 60° W
- (viii) Which of the following by origin and composition is not a form of igneous rock?
- Still
 - Gypsum
 - Lava plain
 - Volcano
 - Granite
- (ix) Students visited the area which is affected by erosion and deposition, they found features like wadis, bajada, buttes and mesas which are examples of feature
- Wind erosion and deposition
 - Glacial erosion and deposition
 - Desert water erosion and deposition
 - Desert water erosion deposition
 - River water erosion and deposition
- (x) Most of delta are found when the river is entering to the ocean but some of them are found when the river flow into the lake. What is the name of the what is the name of the delta formed when the river entering to the lake?
- Marine
 - Lacustrine
 - Alluvial
 - Arcute
 - Birds foot

2. Match the items of column “A” with the responses in column “B” by writing the letter of the correct answer besides the item number in the answer booklet provided.

COLUMN A		COLUMN B
(i)	Is the arrangement of the soil on the slope from the top to the bottom.	A. Leaching
(ii)	Refers to the empty spaces between particles of the soil which is undisturbed.	B. Soil depth
(iii)	Is the vertical section from the surface to the parent rock characterized by distinct layer	C. Salinization
(iv)	Is the arrangement of the soil particles into aggregate compound particles	D. Soil structure
(v)	The process of washing down nutrients in solution from the top layers to sub soil layers	E. Weathering
(vi)	Is the coarseness or finesse of a soil relative to the size of individual particles	F. Soil profile
		G. Soil porosity
		H. Soil PH
		I. Soil catena
		J. Soil texture

SECTION B (54 MARKS)

Answer **all** questions in this section.

3. Study the map extract of Mpwapwa (sheet 163/4) and answer the following questions.
- At which part of the equator is Mpwapwa located (give reasons).
 - Determine the size of the area covered by the forest found between Eastings 150 and 220 and South of Northings 900.
 - What type of vegetation is dominating in the area?
 - Suggest four methods used to represent relief features in the mapped area.
 - Give the bearing of veterinary Research Institute grid reference (224995) to Mpwapwa Teachers Training college grid reference (203978)
 - With evidence from the map suggest four social services found around grid reference 218983.
4. Study carefully the data provided for the production of sisal in Kigoma and then answer the following questions.

YEARS	2003	2004	2005	2006	2007
PRODUCTION (000 TONNES)	70	160	120	210	185

- Write any four procedures which might be used to draw the graph above.
 - Present the data above by deviation line graph.
 - Write down any two other methods which can be used.
5. Study the following photograph and answer the questions that follow.



- With two (2) reasons suggest the type of the photograph.
 - By giving one (1) evidence, identify the time when the photograph was taken.
 - Name one (1) economic activity that might be taking place in the photograph.
 - Explain three (3) contributions of the activity named in 7 (c) above.
 - Identify any four (4) regions in Tanzania where the photography might have been taken.
6. Suppose you want to carry out a field survey around the school compound and you opt to use the method that involves taking linear measurements of an area:
- What is the name of survey technique to be used?
 - Briefly describe four importance of such technique of survey mentioned in (a) above.

- (c) Name five (5) common errors encountered during the condition of that technique of survey to be used.
7. Katamba was inside the house where he observed a house shaking due to the vibration of the Earth's surface caused by natural forces operating beneath the Earth's crust. Answer the following questions to complete the descriptions.
- (a) What environmental hazard experienced by Katamba?
 - (b) What is the instrument used to measure the intensity of the hazard named in (a) above?
 - (c) Describe briefly the four causes of the hazard in (a) above.
 - (d) Describe the four effects of the hazard named in (a) above.
8. Now days the world is suffering from the pandemic disease called COVID-19. Many times the large broadcasting media like BBC have reported that, because it has already killed so many people around the world and it seems like mostly affected are western countries like USA. Research has been carried out to find a way of attack COVID-19 such as corona vaccination but still it's a problem. As a form four student if you have been given a chance to conduct a research about COVID-19 focus in Africa continent.
- (a) What research design will you use and why?
 - (b) Give FOUR sources of research problem.
 - (c) Formulate a research problem.
 - (d) Mention TWO variables that your will involve in research.

SECTION C (30 MARKS)

Answer **only two (2)** questions in this section.

9. "The population of East Africa has changed tremendously during the past three decades". Explain the main factors that have contributed to this change. (six points).
10. The people of Tanzania conduct different activities to sustain their socio-economic needs for their daily life. However, they don't achieve due various hindrances. (supply six points)
11. Discuss six efforts that Tanzania must adopt to make tourism industry very potential for our national development.