

**PRESIDENT'S OFFICE  
REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT  
RUFUJI DISTRICT COUNCIL**



**FORM FOUR PRE - MOCK EXAMINATION  
GEOGRAPHY**

**013**

**TIME: 3 HOURS**

**TUESDAY 21<sup>ST</sup> MARCH, 2023.**

---

**INSTRUCTIONS**

1. This paper consists of section **A**, **B** and **C** with a total number of **ten (10)** questions.
2. Answer all questions in section A and B, and only **two (2)** questions from section C.
3. Section A carries **(16)** marks, section B **(54)** marks and section C **(30)** marks.
4. Map extracted From **HANANG** (sheet 84/4) is provided.
5. All drawings must be in pencil.
6. Programmable calculators, cellular phones and any un authorized materials are not allowed in the examination room.
7. Write your examination number on every page of your answer booklet (s).

## SECTION A (15 Marks)

### Answer all questions in this section

1. For each of the following items (i) – (x) choose the most correct answer from among the given alternatives and write its letter beside the item number in the answer booklets provided.
  - i. Which of the following places will experience sunrise earliest on any day?
    - A. Kasese (30°E)
    - B. Tanga (39°E)
    - C. Kitale (35° E)
    - D. D. Iringa (35°E)
    - E. E.Nakuru (35°)
  - ii. You were boiling water until 100C so as make it starting to evaporate. How much such degrees of boiling water would be in Fahrenheit?
    - A. 102°F
    - B. 65°F
    - C. 222°F
    - D. 212°F
    - E. 300°F
  - iii. The graph which shows both temperature and rainfall characteristics is called?
    - A. Bar graph
    - B. Line graph
    - C. Isograph
    - D. Isohyet
    - E. Climograph
  - iv. Measures of Central tendency involve the following things:
    - A. Mode, mean and variables
    - B. Mode, arithmetic mean and data
    - C. Mode, mean and median
    - D. Arithmetic mean, Arithmetic progression and Arithmetic series
    - E. Median, variance and standard deviation
  - v. Rain water which flows on the surface without following the proper channel is called?
    - A. Ground water
    - B. River water
    - C. Run off
    - D. Well
    - E. Spring
  - vi. Tanzania population structure is concave in shape whereas the base is very wide while its upper part is narrow. What is the implication of this shape?
    - A. Birthrate is high, low life expectancy and high death rate
    - B. Low birth rate, high life expectancy and stable growth rate
    - C. Birth rate is high, life expectancy is high and high death rate
    - D. Birth rate is high, life expectancy and stable growth rate
    - E. Birth rate is low, low infant mortality and death rate
  - vii. Amani is a form three student, he conducted a simple research about rocks. In his research, he observed that some rocks expand when get heat and contract when get cold, hence lose their outer particles. What is the geological process he observed?
    - A. Weathering
    - B. Block disintegration
    - C. Exfoliation
    - D. Frost action
    - E. Pressure release
  - viii. The factors that influence soil formation are:
    - A. Organisms, humus, and time
    - B. Living organisms, topography and time
    - C. Living organisms, parent materials and water
    - D. Time, parent materials and temperature
    - E. Parent materials, climate and air

- ix. Large scale livestock farming is conducted in:
  - A. Ranches
  - B. National parks
  - C. Zero grazing
  - D. Urban areas
  - E. Rural areas
- x. Non – renewable source of energy included the following except:
  - A. Coal
  - B. Wind
  - C. Natural gas
  - D. Petroleum
  - E. Uranium

2. Match the item in LIST A with correct responses in LIST B by writing the letter of the most correct responses beside the item number

LIST A		LIST B
(i)	The line drawn on maps joining all places with common value.	A. Isotherm
(ii)	Are the lines drawn on maps joining all places with some amount of cloud cover.	B. Isobars
(iii)	The lines drawn on maps joining all places with the same amount of temperature.	C. Isohyets
(iv)	Are the lines drawn on maps joining all places with the same amount of precipitation.	D. Isolines
(v)	Are the lines drawn on maps joining all places with the same amount of atmospheric pressure.	E. Barometer
(vi)	The instrument called hygrometer.	F. Wet bulb thermometer
		G. Isonephhs
		H. Isohels
		I. Latitude
		J. Longitudes

### SECTION B (54 Marks)

Answer **all** questions in this section

- 3.
- (a) Carefully study the map extract of HANANG (sheet 84/4) provided and answer the questions as follows:
    - i. Map has different scale which can help the map users to interpret the map features. As a map user, express the map scale given by word.
    - ii. Modern travelers always use compass direction on their journey. From map given a traveler was moving from the grid reference 720220 reached at 680180. Give the bearing from the started point.
    - iii. From the map given, suggest the climate by giving two (2) evidences.
    - iv. From the climate named at (iii) above, what are the economic activities which can be supported by the climate of the area. Give any four (4) points.
    - v. One cartographer constructing a map, there are some contents to consider.
  - (b) Provide two supportive contents of a topographical map provided.
  - (c) Mention two factors which affect the contents of the map given.

4. From the district crops stock, the following records were recorded for the 2020 – 2021 season which are in tonnes.

MAIZE	BEANS	SOYA	SORGHUM
8000	7000	5000	2000

- (a) What is the average production of crops produced?  
 (b) Present the data in most convenient bar graph showing how they differ from the average.  
 (c) Comment on given graph.
5. Form three students visited the river basin to observe the river profile, on their observation they observed from the main river there is deviation of small channel divided from the main river and for a short distance it joined again to the main river.
- What is the name given to the features observed by the students.
  - Give three conditions necessary which can lead the influence or occurrence of the observed features. With the aid of diagram describe the features observed.
6. Mr. Kipalamoto decided to conduct his research at homestead where he prepared questions to the respondents through e-mail and post cards. He succeeded to finalize his work. As a research expert, explain how the method used can be both reliable and unreliable to the researcher? Six points.
7. Wanjiro is a good cartographer, she intended to produce a contour map of Simiyu.
- what type of survey method would you advise her to apply?
  - Apart from producing a contour map, what are the other four (4) significances of the type of survey you have mentioned in (a) above?.
8. Study carefully the photograph provided and then answer the questions that follow:



- What is the main activity taking place on the photograph?
- With two reasons, suggest the type of photograph shown above.
- Describe any four conditions supporting the above mentioned activity.
- How can man benefit from such activity you have mentioned in (a) above?

- (e) Apart from the main function you have mentioned above, mentioned above, mention other three functions.
- (f) Give any two challenges, which may face the above place.

**SECTION C (30 Marks)**

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

- 9. Tanzania citizens are questioning on the issue of royal tour which operated under her excellence president Dr. Samia Suluhu Hassan. As a geographer examine six (6) benefit of that project.
- 10. In 2022, Tanzania was conducted a population census which is very important to every Tanzanian toward social-economic development. Justify this statement by using six (6) strong points.
- 11. In Tanzania suppliers fails to transport various goods to all parts of the country. As a Geographer suggest what should be done to address the challenges facing transport sector in Tanzania. Five (5) points.