

**PRESIDENT'S OFFICE
REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT
GAIRO DISTRICT COUNCIL
FORM TWO JOINT EXAMINATION - 02**

GEOGRAPHY

013

15TH MAY 2023

Time 2:30 Hrs (pm)

INSTRUCTIONS

- i. This paper consists of sections A, B and C with total of ten (10) questions
- ii. Answer all questions in sections A, B and C.
- iii. Write your examination number on every page of your answer sheet(s)

SECTION A (15 Marks)

1. For each of the items (i - x) choose the most correct answer from the given alternatives and write its letter in the space provided
 - i. Tanzania has many landforms and one of them is a great RIFT VALLEY which act as tourist attraction and it has contributed to the development of tourism in Tanzania. Basing on your knowledge, which forces probably caused the formation of Great Rift Valley?
 - A. Tensional and compressional forces
 - B. Internal and external forces
 - C. Gravitational forces
 - D. Down warping and upward movement of the earth's surface
 - ii. Irene cultivates a piece of land and she leaves for some years to regain its fertility and she expects to cultivate next year, which practice does Irene apply?
 - A. Crop rotation
 - B. Shifting cultivation
 - C. Bush fallowing
 - D. Crop cultivation.
 - iii. If the temperature of Morogoro 800m from the sea level is 28°C. What will be the temperature of Lushoto 2500m above the sea level?
 - A. 0.6 °C
 - B. 38.2 °C
 - C. 22.5 °C
 - D. 17.8 °C
 - iv. Meteorites are usually made of nickel, iron or silica fragments of disintegrated comets. There are two meteorites in Tanzania and they are found in Mbozi District and Kwimba District. One of the following is not true about meteorites found in Tanzania?
 - A. They attract tourists
 - B. They are sources of rainfall
 - C. They are used in scientific studies
 - D. They produced a small groove whey they fallen

- v. A photograph taken by a camera from the sky shows that the earth has a curved or round shape. In consideration with the shape of the earth, what is the implications of the curved shape of the photograph?
- The shape of the earth is flat
 - Circumnavigation of the earth
 - Aerial photograph
 - The shape of the earth is flattened sphere
- vi. A great circle is any circle that divides the earth into two equal spheres. The equator and Greenwich meridian are all great circles. Which among the following is not an important of great circle?
- Used in water navigation and aviation
 - They are used to plot routes for ships crossing the ocean
 - It is used in determination of of time between places
 - Pilots use great circles to mark the shortest distance
- vii. The major interest of geography is to study?
- Distribution of water body and continents
 - Social and economic problems affecting humans
 - The earth as the environment of human kind
 - Chemical nature of the rocks
- viii. What is the longitude of place Z whose local time is 8: 00 am, when the local time at Greenwich Meridian is noon?
- 30° E
 - 60° W
 - 60° E
 - 75° W
- ix. Moist winds are forced by high mountains to rise. In the higher altitude, the moist condenses to form droplets which fall as rain. Which kind of rainfall represent this statement
- Convectional rainfall
 - Relief rainfall
 - Cyclonic rainfall
 - Equatorial rainfall
- x. Which of the following is not the important value of a forest?
- Accelerate soil erosion
 - Modify climate
 - Home of animals and birds
 - Supports life of varied species
2. Match each item in LIST A with responses in LIST B by writing the letter of the correct response below the corresponding item number in the space provided

| LIST A | LIST B |
|-----------------------|-------------------------|
| i. Barometer | A. humidity |
| ii. Rain gauge | B. temperature |
| iii. Wind vane | C. wind direction |
| iv. Six's thermometer | D. atmospheric pressure |

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| v. anemometer | E. Rainfall F. Sunshine G. Wind speed H. Clouds |
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SECTION B (70 Marks)

Answer all questions in this section

3. Ocean and sea are water masses of different characteristics. They are both important to human beings since they play a big role in social economic advantages

A. Outline five differences between ocean and sea

- i.
- ii.
- iii.
- iv.
- v.

B. Mention five social economic resources which obtained from ocean and sea

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4. Study carefully data recorded from major weather station and answer questions below

| Days | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday |
|---------------|--------|---------|-----------|----------|--------|----------|--------|
| Temp °C | 19 | 20 | 20 | 21 | 19 | 21 | 20 |
| Rainfall (mm) | 35 | 47 | 40 | 43 | 27 | 41 | 39 |

- i. Calculate the weekly average temperature
- ii. Compute the weekly rainfall
- iii. Find temperature range within the week
- iv. Which is the wettest day in a week? Why?
- v. What were the coldest days in a week? Why?

5. Convert the following scale according to the instructions given

- a) i. 1:100000 to statement scale
- ii. Change statement scale of one centimeter on the map representing a half kilometer on the actual ground distance to **representative fraction scale**

b) State either the direction or the bearing of the following:

- i. 270°
- ii. 135°
- iii. NE
- iv. WSW

c) Basing on the knowledge of locating position on topographical maps, how can you help a tourist to reach Serengeti national park? Two points.

- i.
- ii.

6. Discovering of natural gas in southern parts of Tanzania boosted economy of people in Mtwara, Lindi, Mtwara and also Tanzania as a country. Describe five economic advantages of natural gas in Tanzania

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7. Water is a source of life for almost all living organisms including animals and plants. Numerous economic activities are conducted in water while others use water as part of raw materials. Show that water is essential for economic development. Five points

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8. Tourism has both negative and positive effects. Describe briefly four negative effects of tourism industry.

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9. Joyce is dealing with cash crops production butt she is always complaining about some hinderances in cash crops production in Tanzania. Discuss by giving five points.

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SECTION C (15 Marks)

10. The Government of Tanzania is dealing much on mining industry in order to uplift the economy. By giving five points explain the contribution of mining activities to the economy of Tanzania.