

Candidate's Examination Number _____

THE ZANZIBAR REVOLUTIONARY GOVERNMENT

ZANZIBAR EXAMINATION COUNCIL

FORM THREE ENTRANCE EXAMINATION

209

GEOGRAPHY

TIME: 2:30 HOURS

MONDAY 11TH DECEMBER, 2023 A.M

INSTRUCIONS TO THE CANDIDATE

1. This paper consists of THREE (3) Section A, B and C.
2. Answer ALL questions in section A and B and THREE (3) questions in section C.
3. Write your examination number on each page.
4. Write all answers in the space provided.
5. Use a blue or black pen in writing. The diagrams must be drawn in pencil.
6. Cellular phones and unauthorized materials are not allowed in the examination room.

FOR EXAMINER'S USE ONLY		
QUESTION NUMBER	MARKS	SIGNATURE
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This paper consists of 15 printed pages

SECTION A: (50 Marks)

PHYSICAL AND MATHEMATICAL GEOGRAPHY

Answer ALL questions in this section.

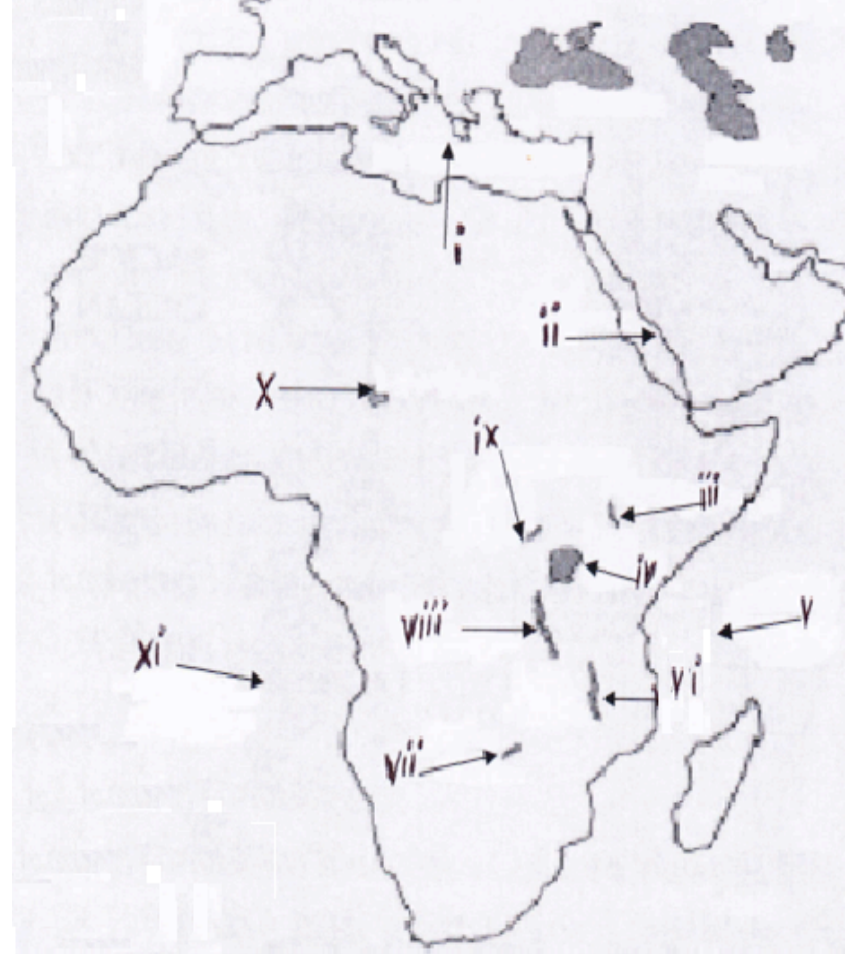
1. Choose the correct answer from the given alternatives and write its letter in the table below.
 - i. The word "geography" was first used by a Greek mathematician called
 - A: Erastotor
 - B: Eratosthenes
 - C: Geographer
 - D: Newton
 - ii. People living in Jambiani and Kojani see the Sun earlier than Forodhani and Mkoani. What does this fact indicate?
 - A. People in Jambiani sleep longer
 - B. Earth rotates from East to West
 - C. The earth rotates from West to East
 - D. There is no forest in Jambiani and Kojani
 - iii. Assume that, you have been assigned to draw a map showing areas experiencing the same amount of rainfall, which line would you choose to indicate those areas?
 - A: Isobars
 - B: Isohyets
 - C: Isohyt
 - D: Isotherm
 - iv. Form two students from Uwezo Secondary School visited Abeid Amani Karume International Airport weather station and they saw a white wooden box mounted on four legs. What were the instruments found in the box?
 - A: Maximum and minimum thermometers
 - B. Rain gauge and barometer
 - C: Windsock and anemometer
 - D: Wind vane and evaporimeter
 - v. Most people in Zanzibar are drying cloves and clothes during a day time. Which heavenly body provides energy for that activity?
 - A: The Earth
 - B: Meteor
 - C: The Moon
 - D: The Sun

- vi. Mr. Mmaru is a Geography teacher, he was teaching his students about the types and importance of volcanic mountains. Which branch of Geography was taught by him?
- A: Environmental B: Human and economic
- C: Physical D: Practical
- vii. Mr. Masumbuko is lost in the forest. He is located somewhere ESE from the water tank of the village. What will be the bearing of that direction?
- A: 022.5° B: 112.5°
- C: 202.5° D: 292.5°
- viii. What type of rainfall occurs when warm moist wind from the ocean is forced to rise up by mountain?
- A: Convectional rainfall B: Cyclonic rainfall
- C: Frontal rainfall D: Orographic rainfall
- ix. Beru and Kibomba were required to calculate the area of Bondeni plantation on the map provided. Which possible method could they use?
- A: Composite method B: Cotton thread
- C: Folded paper D: Pair of divider
- x. Ferdinand Magellan from 1519 to 1522 travelled from a certain point on the Earth surface by going straight but eventually came back to the starting point. This statement proved that
- A: Movement of the Earth B: Rotation of the Earth
- C: Sphericity of the Earth D: The size of the Earth

ANSWERS

[illegible]

2. Match the water bodies of Africa indicated in **List A** with their names in **List B** by writing the letter of the correct response beside the item number in the table below. Number one (i) is an example.

LIST A	LIST B
	<ul style="list-style-type: none"> a. Aral Sea b. Atlantic Ocean c. Black Sea d. Indian Ocean e. Lake Albert f. Lake Baikal g. Lake Chad h. Lake Kariba i. Lake Nyasa j. Lake Superior k. Lake Tanganyika l. Lake Turkana m. Lake Victoria n. Mediterranean Sea o. Red Sea

ANSWERS

LIST A	i	ii	iii	iv	v	vi	vii	viii	ix	x	xi
LIST B	n										

3. Write **T** if the statement is true and **F** if the statement is false in the table below.
- i. Practical Geography is the study of natural features of the Earth's surface.
 - ii. Asia is the largest continent in the world.
 - iii. Equinoxes means equal length of day and night.

- iv. Grid squares method is used to calculate area of regular shaped figure on a map.
- v. Thunderstorms are common in Equatorial climate.
- vi. Isobars are lines drawn on a map to show precipitation.
- vii. Deforestation, mining and casual burning are causes of environment degradation.
- viii. The mountain Kilimanjaro is formed by volcanic eruption.
- ix. Both hygrometer and thermometer are the elements of weather.
- x. Equator divides the Earth into two hemispheres.

ANSWERS

i	ii	iii	iv	v	vi	vii	viii	ix	x

4. Answer the following questions in short.

a) With aids of diagram, describe Great circle.

b) Mention three (3) characteristics of the Great circle.

- i. _____

- ii. _____

- iii. _____

c) Give two (2) reasons why ships and air crafts use Great circle when travelling.

- i. _____

- ii. _____

5. Study carefully the weather statistical data for station **B** then answer questions that follow.

Month	J	F	M	A	M	J	J	A	S	O	N	D
Temp °C	29	28	27	27	27	26	26	28	27	27	28	29
Rainfall (mm)	2370	2070	2020	1720	1670	1720	1570	1470	1670	1775	2070	2270

a) Calculate annual mean temperature of the station.

b) From the given statistical data identify the following:

i. The hottest months

ii. The coldest months

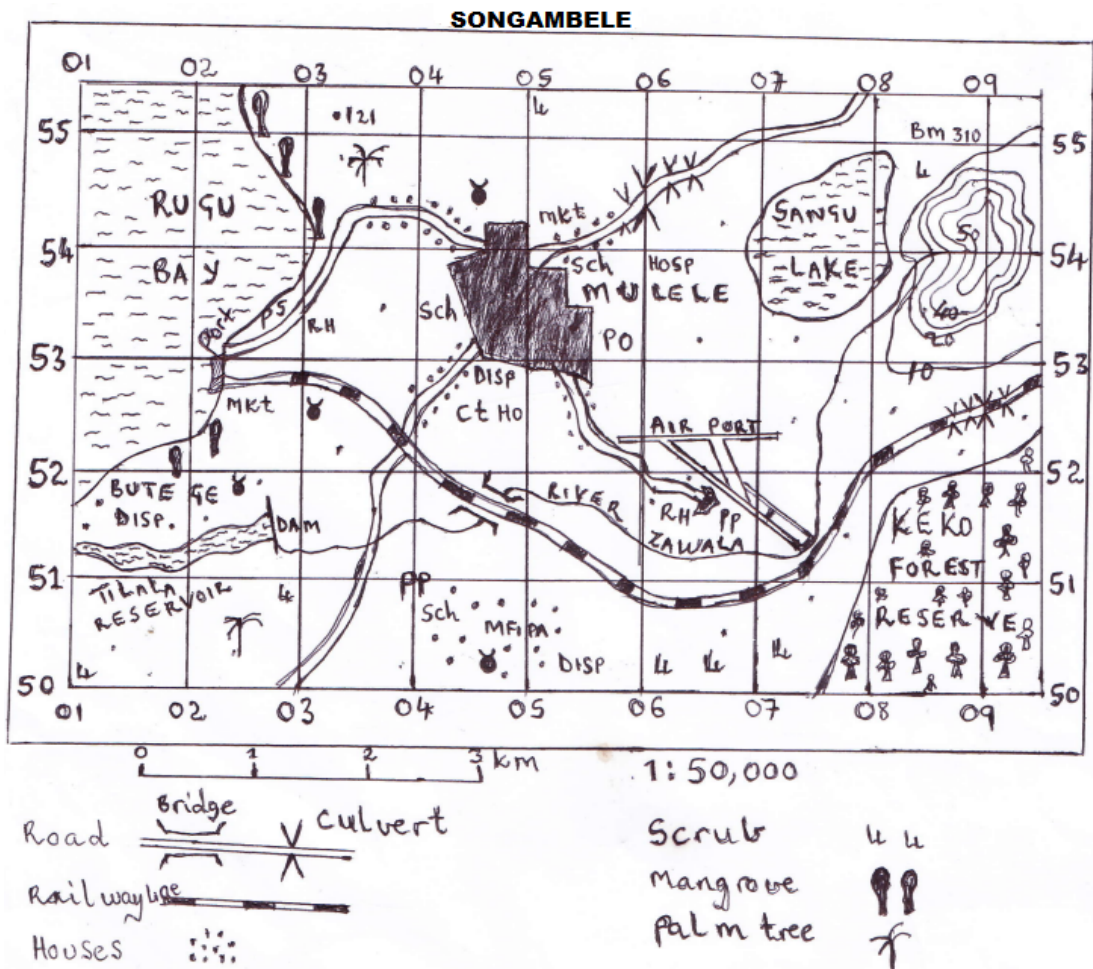
- c) By using two (2) evidence from the data, suggest type of climate at station B.

SECTION B: (20 Marks)

MAP – WORK

Answer ALL questions in this section.

6. Study the map carefully and answer the questions that follow.



- a) Calculate the distance covered by railway line.

- b) With examples, identify three (3) types of transport depicted on a given topographical map.

i. _____

ii. _____

iii. _____

- c) Identify features found on the following location.

i. South East of the map _____

ii. Grid reference 045545 _____

iii. Grid reference 061539 _____

7. a) Define position in map work.

- b) Mention three (3) ways that used to show position of items on a map.

i. _____

ii. _____

iii. _____

c) Outline four (4) uses of map in a daily life.

- i. _____

- ii. _____

- iii. _____

- iv. _____

SECTION C: (30 Marks)

HUMAN AND ECONOMIC GEOGRAPHY

Answer THREE (3) questions in this section.

- 8. Analyse four (4) reasons which led delaying of gas exploitation at Songo Songo in Tanzania.
- 9. Discuss four (4) limiting factors that hinder the development of air transport in East Africa.
- 10. Human activities are the key factors for social and economic development in our daily life. However, through their activities, they destroy the environment. Describe four (4) environmental problems associated with these activities.
- 11. Mpeso grandfather used to cultivate crops in small area using local seeds, hand hoe and manure. In recent years, he has poor harvest and complaining that his neighbour and relatives are causing it. By using four (4) points educate him on how he can improve his farming system.
- 12. Among the cries of the United Nations is water scarcity and pollution. By using four (4) points comment on ways which water undergoes pollution in Africa.

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