

Candidate's Examination Number _____

CGAEGO

THE ZANZIBAR REVOLUTIONARY GOVERNMENT

ZANZIBAR EXAMINATION COUNCIL

FORM THREE ENTRANCE EXAMINATION

209

GEOGRAPHY

TIME: 2:30 HOURS

MONDAY 28TH OCTOBER, 2024 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
1.		
2.		
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TOTAL		
CHECKER'S 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" formed from two Greek words; geo means the earth and graphien means
 - A: calculate
 - B: narrate
 - C: planet
 - D: write
 - ii. Among the planets of the solar system, the Earth is the
 - A: First planet
 - B: Second planet
 - C: Third planet
 - D: Fourth planet
 - iii. The prediction of the state of atmosphere in a region for one to two days is known as weather
 - A: element
 - B: forecasting
 - C: report
 - D: station
 - iv. Assume the time of Forodhani in Zanzibar 45°E is 7:00 am, what will be the time in Mecca 50° E?
 - A: 7:20 am
 - B: 7:40 am
 - C: 8:20 am
 - D: 8:40 am
 - v. Which one is the main cause of day and night on the Earth surface?
 - A: lunar eclipse
 - B: monsoon
 - C: revolution
 - D: rotation

- vi. Madam Zulekha is a Geography teacher, she was teaching her students about the Earth and solar system. Which branch of Geography was taught by her?
- A: Environmental
B: Human and economic
C: Physical
D: Practical
- vii. Mr. Subako is lost in the ocean. He is located somewhere NE from the water tank of the village. What will be the bearing of that direction?
- A: 022.5°
B: 045°
C: 067.5°
D: 090°
- viii. When does summer solstice occur in the northern hemisphere?
- A: 21st March
B: 21st June
C: 23rd September
D: 22nd December
- ix. Form two students visited Abeid Amani Karume International Airport weather station. They saw a white wooden box mounted on four legs. What is the name of that box?
- A: Aneroid Barometer
B: Cup Anemometer
C: Rain Gauge
D: Stevenson Screen
- x. The highest tides occur in which period?
- A: eclipse
B: equinox
C: summer
D: winter

ANSWERS

i	ii	iii	iv	v	vi	vii	viii	ix	x

2. Match the information of Solar System in **COLUMN A** with their correct responses in **COLUMN B**. Write the letter of the correct answer in the table below.

COLUMN A	COLUMN B
i. The evidence that the earth is spherical	A. 21 st march
ii. Found between Mars and Jupiter	B. 23.5°N
iii. The dark part of the shadow in lunar eclipse	C. 23.5°S
iv. Repeated rise and fall of the level of seawater	D. A tide
v. The outer most layer of the Sun	E. Asteroid belt
vi. Longitudinal diversion across the Earth with an approximately width of 15° of longitude	F. Astrology
vii. The bright surface of the Sun	G. Ceres
viii. The largest asteroid in the Solar system	H. Comets
ix. The Sun is overhead at the equator	I. Circumnavigation
x. Tropic of Capricorn	J. Corona
	K. Elliptical orbit
	L. Photosphere
	M. Radioactive zone
	N. Time zone
	O. Umbra

ANSWERS

COLUMN A	i	ii	iii	iv	v	vi	vii	viii	ix	x
COLUMN B										

3. Write **T** if the statement is true and **F** if the statement is false in the table below.

- Settlement and population is a part of Practical Geography.
- Australia is the largest continent in the world.
- The sun gives out light on the earth surface.
- The mountain Kilimanjaro is found in the continent of Africa.
- Both temperature and humidity are element of weather.
- Use of solar energy increases environmental degradation.
- The continental shelves allow sunlight to reach the seabed.
- Lapse rate referred as temperature increasing as altitude increase.
- Lunar eclipse is the one among the causes of climate change.
- The line of Equator divides the Earth into northern and southern hemispheres.

ANSWERS

i	ii	iii	iv	v	vi	vii	viii	ix	x

4. Answer the following questions in short.

a) Define the following terms.

i. Rotation of the earth

ii. Revolution of the earth

b) Mention two (2) results of the revolution of the Earth.

i.

ii.

c) Draw a clear diagram to represent five (5) parallel lines with their degrees.

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	28	27	28	24	27	28	29	28	28	29	30	31
Rainfall (mm)	200	150	190	140	160	200	202	112	226	130	300	250

- a) Calculate the annual range of rainfall of the station.

- b) From the given statistical data identify the following.

- i. The month with the highest temperature

- ii. The month with a lot of rainfall

- c) Find annual temperature of the station.

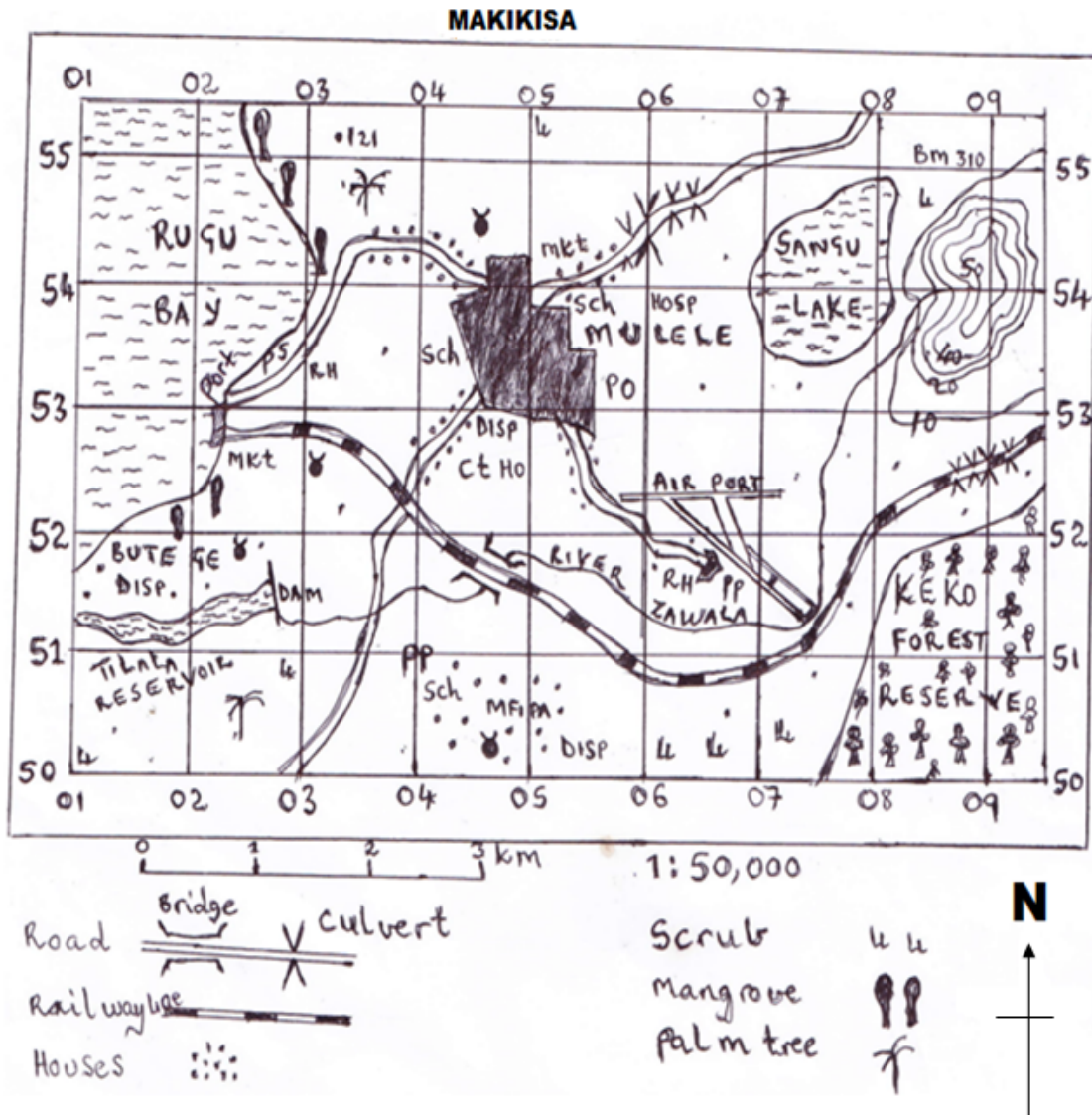
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SECTION B: (20 Marks)

MAP – WORK

Answer ALL questions in this section.

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



- a) Name features found on the following position of a given topographical map.

- i. North West _____
- ii. Grid reference 022531 _____
- iii. Grid reference 046517 _____
- iv. Grid reference 065524 _____

- b) Identify main activity that can take place in South East of a given topographical map.

- c) Mention two (2) sources of water that are shown on a given map.

i. _____

ii. _____

7. a) Define the term bearing?

- b) Find the bearing of point X from Y.

Y.

. X

- c) Mention four (4) components of a map.

i. _____

ii. _____

iii. _____

iv. _____

SECTION C: (30 Marks)

HUMAN AND ECONOMIC GEOGRAPHY

Answer THREE (3) questions in this section.

8. Describe four (4) problems of forestry resources harvesting.
9. Since the president of Tanzania launched the Royal Tours film, the tourism sector has been growing rapidly. Describe the other four (4) factors that lead to the development of that sector in the country.
10. By using four (4) points, analyse main sources of water pollution.
11. "Transport can raise the economy of any country". By using four (4) points, explain the importance of that sector in the development of economy in East African countries.
12. Explain four (4) factors that determine the location of industries.

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