Candidate's Examination Number _____

SMZ

ZANZIBAR EXAMINATIONS COUNCIL

FORM THREE ENTRANCE EXAMINATION

031 GEOGRAPHY

TIME: 2.30 HOURS SATURDAY 02nd DECEMBER, 2017 a.m

INSTRUCTIONS TO CANDIDATES

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

FOR EXAMINER'S USE ONLY		
QUESTION NUMBER	MARKS	SIGNATURE
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		
11.		
12.		
TOTAL		

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SECTION A: (50 Marks)

PHYSICAL AND MATHEMATICAL GEOGRAPHY

Answer ALL questions in this section

1. Choose the correct answer from the given alternatives by writing its letter in the table below.

i. The word 'geo' stands for

A: Graphien
B: The earth
C: Grapho
D: Geographien

ii. A horizontal movement of ocean water

A: Ocean currents
B: Ocean height
C: Ocean waves
D: Ocean views

iii. It is mainly grown in West Africa

A: Wheat
B: Sugar cane
C: Cocoa
D: Rice

iv. Global warming refers to the

A: Decrease in the average of temperature of the earth's atmosphere
B: Increase in the average of water vapour of the earth's atmosphere
C: Increase in the average of moisture of the earth's atmosphere
D: Increase in the average of temperature of the earth's atmosphere

v. Through rotation, there is the difference of

A: Four minutes for every one hour
B: Four minutes for every one degree
C: Four minutes for every fifteen degrees
D: Four degrees for every one minute

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vi. The seasonal movement of people with their animals

A: Livestock keeping

B: Terracing

C: Transhumance

D: Contour ploughing

vii. A common time to the same time zone is called

A: IDL

B: Standard time

C: Local time

D: Greenwich

viii. It is found in India

A: Thar desert

B: Atacama desert

C: Sahara desert

D: Mohave desert

ix. The planet which has almost the same size with the Earth

A: Neptune

B: Mars

C: Venus

D: Mercury

x. The climate having the largest diurnal temperature range

A: Savanna climate

B: Mediterranean climate

C: Equatorial climate

D: Hot desert climate

ANSWERS

i.	ii.	iii.	iv.	v.	vi.	vii.	viii.	ix.	x.

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2. Match the items in **COLUMN A** with the responses in **COLUMN B** by writing the letter of the correct answer in the table below.

COLUMN A	COLUMN B
i. New Zealand	a. Bordered by Atlantic Ocean to the West
ii. Lake Superior	b. Long, fairly narrow raised part of ocean floor
iii. Lake	c. Graben
iv. Ocean ridge	d. Included in Australia
v. Ural Mts.	e. Bordered by Atlantic ocean to the East
vi. Antarctica	f. Separates North and South America
vii. Cape	g. Is an oceanic island
viii. Rift valley	h. The depression which occupies water
ix. Unguja island	i. Horst
x. South America	j. Found in North America
	k. Separates Europe and Asia
	l. Having high temperature
	m. Is a continental island
	n. A piece of land projected to the sea
	o. Having very low temperature

ANSWERS

i.	ii.	iii.	iv.	v.	vi.	vii.	viii.	ix.	x.

3. Write **T** if the statement is correct and **F** if the statement is incorrect in the table below.

i. Meteorites may lead to the formation of hills.

ii. GIS specialists making maps by using computers.

iii. The distances of all planets from the sun are equal.

iv. The annual mean temperature is the difference between the maximum and the minimum temperature.

v. A sketch map is a roughly drawn map.

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vi. ITCZ is an area around the equator where winds that carry moisture meet.

vii. The Mars belongs to the milk way.

viii. Traditional method of weather forecast involves the use of radars.

ix. Climatic change is influenced by greenhouse gases.

x. Valleys having fertile soil to support agriculture.

ANSWERS

i.	ii.	iii.	iv.	v.	vi.	vii.	viii.	ix.	x.

4. a) What is Geography?

_____

_____

_____

b) State two (2) importance of studying Geography in our daily life.

i) _____

_____

ii) _____

_____

c) Explain the interrelationship between land, plants, animals and humankind as geographical phenomena.

_____

_____

_____

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_____

_____

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5. a) Define the term revolution.

b) Briefly explain the term solstice.

c) Draw a clear diagram to show varying lengths of day and night as results of revolution.



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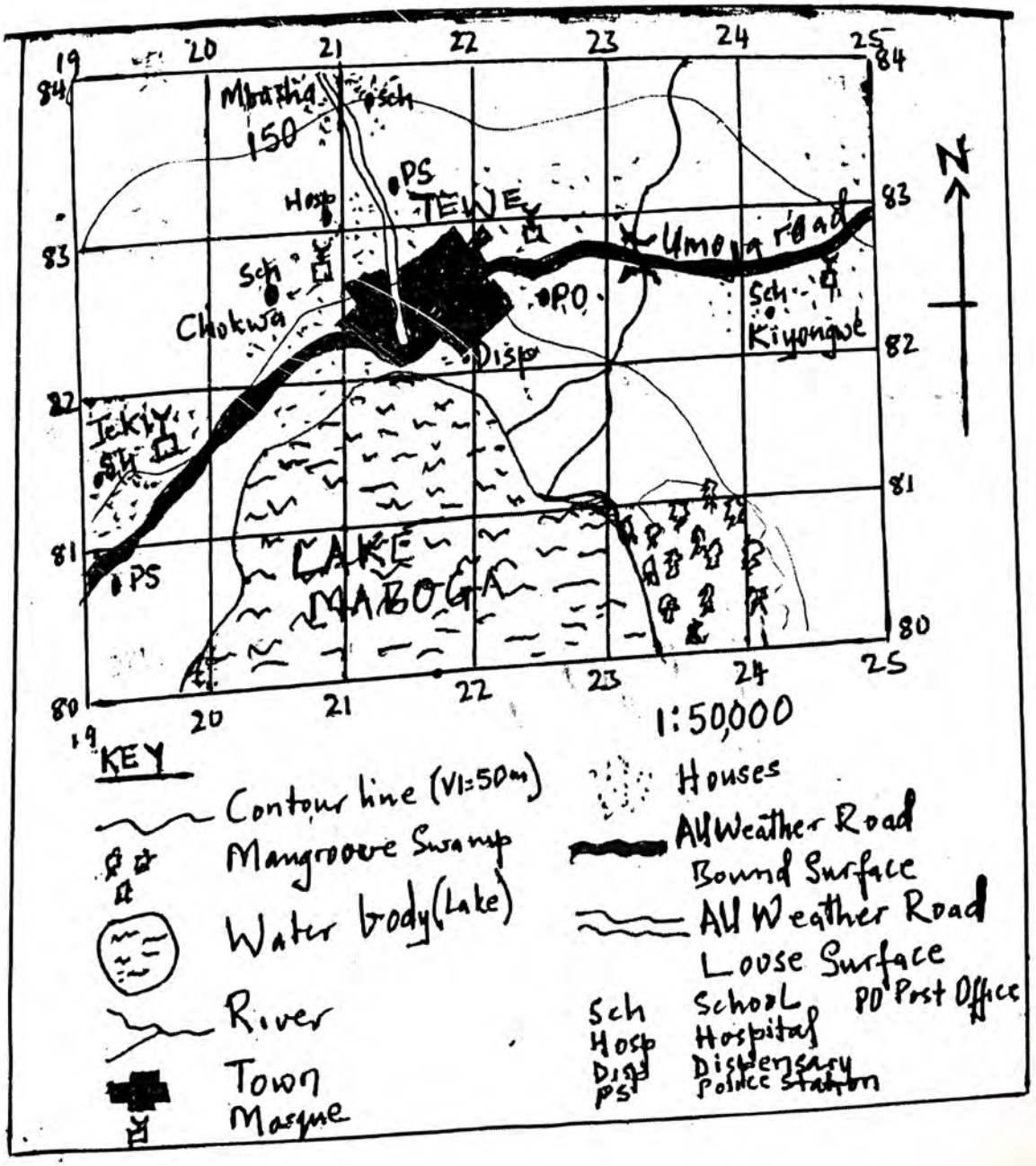
SECTION B: (20 Marks)

MAP – WORK

Answer ALL questions in this section

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

Y - DISTRICT



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a) Calculate the area covered by lake Maboga in square kilometers (km^2)

b) What are the uses of title and key of the above map?

Key used to show the component which are found on a map or feature
Title use to identify map name
Eg Africa map

c) By using examples from the map, name any two (2) methods of showing position on a map.

i) Latitude
Longitude

ii)

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7. a) Define the term magnetic variation.

_____

_____

_____

_____

b) Differentiate between direction and orientation of maps.

_____

_____

_____

_____

_____

c) i) Write the compass bearing for the following compass directions.

SSE _____ ENE _____

ii) Write the compass direction for the following compass bearing.

225^0 _____ 180^0 _____

SECTION C: (30 Marks)

HUMAN AND ECONOMIC GEOGRAPHY

Answer ANY THREE (3) questions in this section

8. Explain five (5) disadvantages of water transport system in East Africa.
9. "Mining industry has number of effects to the environment". Indicate any four (4) ways for minimizing those effects.
10. Analyze the importance of solar and wind power in USA.
11. Describe problems facing large scale agriculture in Tanzania.
12. Explain the types of underground water.

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