Candidate's Examination Number _____

SMZ

ZANZIBAR EXAMINATIONS COUNCIL

FORM THREE ENTRANCE EXAMINATION

031 GEOGRAPHY

TIME: 2.30 HOURS MONDAY 08TH NOVEMBER, 2021 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 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.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		
11.		
12.		
TOTAL		

This paper consists of 15 printed pages

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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 energy used by the most African countries in drying clothes, fruits and grain is
   A: Atomic energy
   B: Lunar energy
   C: Machine energy
   D: Solar energy

   ii. The second largest lake in the world is
   A: Caspian Sea
   B: Lake Chad
   C: Lake Superior
   D: Lake Victoria

   iii. Rocks, soil and mountains constitute
   A: Hydrological features of the Earth
   B: Man-made features of the Earth
   C: Natural features of the Earth
   D: Social features of the Earth

   iv. Mediterranean climate is very common for the production of
   A: Coffee and cocoa
   B: Oranges and lemons
   C: Sisal and tea
   D: Wheat and millet

   v. The longitude of place Y whose local time is 9:00am when the local time at Greenwich meridian (0°) is noon will be
   A: 45°E
   B: 90°W
   C: 45°W
   D: 90°E

vi. The instrument which is used to measure humidity is

A: Barometer

B: Hydrometer

C: Hygrometer

D: Thermometer

vii. In the Southern Hemisphere, the summer solstice is in

A: 21st March

B: 21st June

C: 23rd September

D: 22nd December

viii. About 98% of the matters that made the sun are

A: Gases, heat and sun rays

B: Heavier elements

C: Hydrogen and Helium

D: Light and heat

ix. Among the planets of the solar system, Jupiter is the

A: 2nd planet

B: 3rd planet

C: 5th planet

D: 8th planet

x. Geography is the multi-disciplinary subject because it

A: Acts as a tool of understanding the universe

B: Cuts across other disciplines

C: Involves the study of Geography's branches

D: Relates much with geology

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** and write the letter of the correct answer in the table below.

COLUMN A	COLUMN B
i. Orbit	a. Reach to the surface of the Earth where there are no clouds
ii. Pluto	b. A small rocky or metallic body of matter in outer space
iii. Galaxy	c. Reach to the surface of the Earth where there are clouds
iv. Sun ray's	d. A group of stars
v. Ceres	e. A combination of ice and dust in outer space
vi. Planets	f. Celestial objects orbiting the sun
vii. Mercury	g. It is so far from the sun and it takes $29^{1}/_{2}$ years to complete its orbit
viii. The moon	h. The way in which a planet passes through around the sun
ix. Meteoroid	i. Celestial objects orbiting the moon
x. Saturn	j. A group of satellites
	k. Regarded as the morning star
	l. A planet having the longest path than others
	m. The largest existing asteroid
	n. Lacking one criteria to be a planet
	o. The nearest planet to the sun

ANSWERS

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

3. Write **T** if the statement is true and **F** if the statement is false in the table below.
   i. The island of New Zealand is in Southern hemisphere.
   ii. Lapse rate referred as temperature increasing as altitude increases.
   iii. Some Geography specialists consider only three (3) types of branches of Geography.

iv. Weather and climate differ in their position on the Earth surface.

v. The continental shelf provides favorable environment for the growth of planktons.

vi. Warm temperate western margin is also known as Mediterranean climate.

vii. Cartography is the study of agriculture.

viii. Solar energy is used as a source of vitamin B.

ix. The Mount Everest is found in the continent of Europe.

x. Overgrazing is the one among the method of combating soil erosion.

ANSWERS

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

4. a) Define weather forecasting.

_____

_____

_____

b) As a Form Two (FII) student explain with two (2) points how weather forecasting will help you.

i. _____

_____

ii. _____

_____

c) List four (4) processes necessary for the formation of rainfall.

i. _____

ii. _____

iii. _____

iv. _____

5. a) Define the following terms.

   i. International Date Line

   _____

   _____

   _____

   ii. Standard Time Zone

   _____

   _____

   _____

   b) State one (1) reason why Prime Meridian is called Greenwich Meridian.

   _____

   _____

   _____

   _____

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

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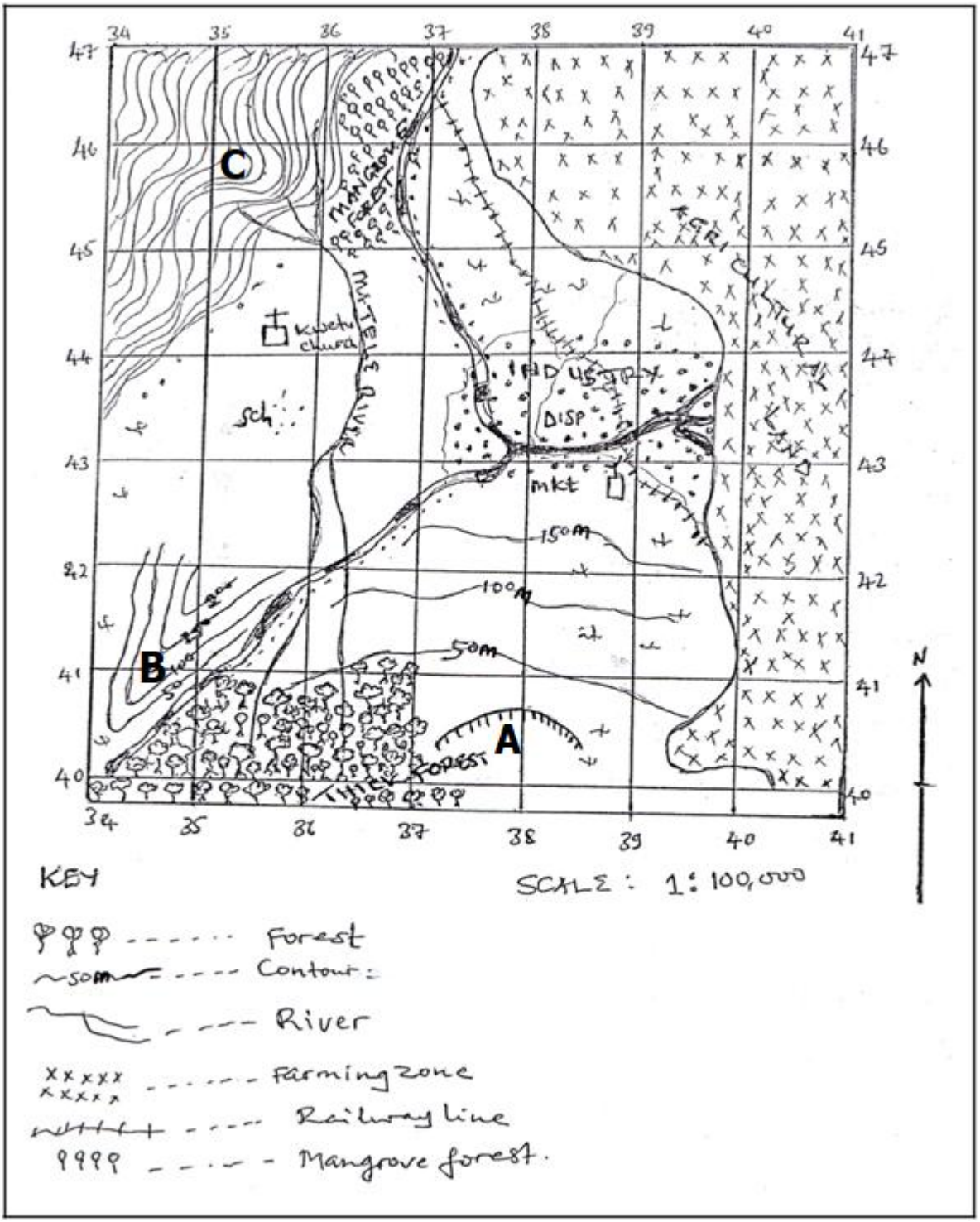
SECTION B: (20 Marks)

MAP - WORK

Answer ALL questions in this section.

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



a) Calculate the area covered by agricultural land.

_____

_____

_____

_____

_____

_____

_____

_____

_____

b) Identify the features represented by the following letters.

A _____

B _____

C _____

c) i. Name the type of forest found in a given map.

_____

ii. Give two (2) characteristics of the forest mentioned in the map above.

_____

_____

_____

_____

7. a) What is meant by the term 'compass bearing'?

_____

_____

_____

b) Find the bearing of point A from B.

A

B

_____

c) i. Give the compass direction for the following compass bearing.

a) 112.5^0 _____ b) 315^0 _____

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

a) NNE _____ b) SE _____

SECTION C: (30 Marks)

HUMAN AND ECONOMIC GEOGRAPHY

Answer ANY THREE (3) questions in this section.

Leave two (2) lines after each question.

8. Examine three (3) advantages and two (2) disadvantages of oil as non-renewable energy.

9. "ZAWA is responsible for management of water in Zanzibar". Illustrate four (4) significances of water management for daily life.

10. Describe five (5) limitations of large scale farming in Tanzania.

11. Explain five (5) importance of transport in Zanzibar town.

12. Analyze five (5) factors that are normally considered in the location of an industry.

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