

Candidate's Examination Number \_\_\_\_\_

SMZ

ZANZI BAR EXAMI NATIONS COUNCIL

STANDARD FOUR EXAMI NATION

123

SCIENCE

TIME: 2.00 HOURS

TUESDAY, 26<sup>TH</sup> November, 2019 p.m

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INSTRUCTIONS TO CANDIDATES

1. This paper consists of two (2) sections A and B.
2. Answer ALL questions in section A and B.
3. Write the answers in the spaces provided.
4. Write your examination number on every page.
5. Cellular phones are not allowed in the examination room.
6. Write in blue or black pen, use pencil for drawing.

<b>FOR EXAMINER'S USE ONLY</b>		
QUESTION	MARKS	SIGNATURE
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		
TOTAL		

This paper consists of 7 printed pages

SECTION A: (40 MARKS)

Answer ALL questions in this section

1. Choose the correct answer and write its letter in the table below the questions.
  - i. Which one in the following is not a prevention of blood pressure
    - A: Physical exercise
    - B: Avoid stress
    - C: Avoid smoking cigarettes and drinking alcohol
    - D: Eating fatty and salty food
  - ii. Clinical thermometer has an ability to measure temperature of
    - A: 35 °C - 43°C
    - B: 0°C -100°C
    - C: 35 °C - 100°C
    - D: 0°C – 35°C
  - iii. Number of colours that are seen in the rainbow
    - A: Five
    - B: Six
    - C: Eight
    - D: Seven
  - iv. The tools that are used to clean the garden by loosening the soil
    - A: Hoe, rake and wheel barrow
    - B: Spade, hoe and fork
    - C: Hoe, rake and slasher
    - D: Rake, spade and wheel barrow
  - v. One of the following is not used in measuring electricity
    - A: Voltmeter
    - B: Ammeter
    - C: Speedometer
    - D: Galvanometer

Answers

i	ii	iii	iv	v

2. Write TRUE if the statement is right and FALSE if the statement is wrong.

Put the answer in the box below the questions.

- i. The use of hoe and slasher are the same.
- ii. Rain water is pure water.
- iii. Fruits and vegetables provide heat and energy in the body.
- iv. Domestic animals need care from its owner.
- v. Trees in the artificial forest of the same area have different age.

Answers

i	ii	iii	iv	v

3. Match the items in LIST A with items in LIST B. Write the answers in the table below the questions.

LIST A	LIST B
1. Echo	A: Hot object
2. Bucket and gallon	B: Sound from the drum
3. Epilepsy	C: Gives our body heat and energy
4. Fatty food	D: Sound coming back
5. Drainage	E: Communicable disease
	F: Used to reserve water
	G: Pipe or hole into which water flows
	H: A disease whereby a person falls down rolling then calm down

Answers

i	ii	iii	iv	v

4. Fill in the blanks with the correct word by choosing the words in the box below the questions.

- a) Scorpions, grasshoppers and crocodiles are \_\_\_\_\_ animals.
- b) Causes of stress can be \_\_\_\_\_ and hard life.
- c) Gas and petrol are obtained from underground \_\_\_\_\_.
- d) The good smell of flowers and \_\_\_\_\_ attract insects.
- e) Whales and \_\_\_\_\_ have backbones.

River , colour, rocks, dolphins, domestic, roots

Non-domestic, happiness, disease, octopus

### SECTION B: (60 MARKS)

Answer ALL questions in this section

5. Write in a table communicable diseases and non-communicable diseases

HIV/AIDS, Anaemia, Pellagra, Measles, T.B, Cancer

High blood pressure, Bilharzia, Diabetes, Cholera

Communicable disease	Non communicable disease

6. Complete the table with the right information

	Vitamins	Source	Deficiency
1.	A		Night blindness
2.		Margarine, cheese and milk	Soft and weak bones
3.	K	Green vegetables	
4.		Fruits	Sore around the mouth and bleeding gums
5.	B <sub>2</sub>		Crack around the mouth and visual impairing

7. a) List down five (5) properties of flowering plants

i. \_\_\_\_\_

ii. \_\_\_\_\_

iii. \_\_\_\_\_

iv. \_\_\_\_\_

v. \_\_\_\_\_

b) Mention any five (5) flowering plants

i. \_\_\_\_\_ ii. \_\_\_\_\_

iii. \_\_\_\_\_ iv. \_\_\_\_\_

v. \_\_\_\_\_

8. a) What is a forest?

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b) i) How many types of forests?

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ii) Mention the types of forests

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c) List down two (2) importance of forests to human being

i. \_\_\_\_\_

ii. \_\_\_\_\_

9. a) Mention four (4) sources of electricity

i. \_\_\_\_\_

ii. \_\_\_\_\_

iii. \_\_\_\_\_

iv. \_\_\_\_\_

b) Draw any two (2) equipments that use electricity. Name them.

Drawing	Drawing
Name _____	Name _____

10. a) Name one (1) liquid item in which sound can travel through it.

\_\_\_\_\_

b) Name one (1) solid item in which sound can travel through it.

\_\_\_\_\_

c) i) Look at the pictures below. How do they give out sound?

by \_\_\_\_\_

A

B



Their names are

A is \_\_\_\_\_

B is \_\_\_\_\_

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