

**SMZ****ZANZIBAR EXAMINATIONS COUNCIL****STANDARD FOUR EXAMINATION****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>		
<b>QUESTION</b>	<b>MARKS</b>	<b>SIGNATURE</b>
<b>1.</b>		
<b>2.</b>		
<b>3.</b>		
<b>4.</b>		
<b>5.</b>		
<b>6.</b>		
<b>7.</b>		
<b>8.</b>		
<b>9.</b>		
<b>10.</b>		
<b>TOTAL</b>		

**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.

<b>LIST A</b>	<b>LIST B</b>
<ul style="list-style-type: none"> <li>1. Echo</li> <li>2. Bucket and gallon</li> <li>3. Epilepsy</li> <li>4. Fatty food</li> <li>5. Drainage</li> </ul>	<ul style="list-style-type: none"> <li>A: Hot object</li> <li>B: Sound from the drum</li> <li>C: Gives our body heat and energy</li> <li>D: Sound coming back</li> <li>E: Communicable disease</li> <li>F: Used to reserve water</li> <li>G: Pipe or hole into which water flows</li> <li>H: A disease whereby a person falls down rolling then calm down</li> </ul>

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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