

Candidate's examination number \_\_\_\_\_

**S.M.Z**

**ZANZIBAR EXAMINATIONS COUNCIL**

**STANDARD FOUR EXAMINATION**

**123**

**SCIENCE**

**TIME 2:00 HOURS**

**THURSDAY 22<sup>nd</sup> NOVEMBER, 2018 p.m**

**INSTRUCTIONS TO CANDIDATES**

- 1. This paper consists of TWO (2) sections A and B.**
- 2. Answer ALL questions in section A and B.**
- 3. Cellular phones are not allowed in the examination room.**
- 4. Write your examination number on every page.**
- 5. Write your answers on the space provided.**

<b>FOR EXAMINATION'S USE ONLY</b>		
<b>QUESTION NUMBER</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 8 printed pages**

**SECTION A: (40 Marks)**

**Answer ALL questions.**

1. Choose the correct answer and write its letter in the table below.
- i. The equipment for cleaning which has a handle
    - A. Dustbin
    - B. Gloves
    - C. Mop
    - D. Piece of cloth
  
  - ii. Which of the following is not a transmitted disease?
    - A. Diabetes
    - B. Cholera
    - C. AIDS/HIV
    - D. Tuberculosis
  
  - iii. Deficiency of iodine in the body causes
    - A. Anaemia
    - B. Goitre
    - C. Rickets
    - D. Low vision
  
  - iv. Polio is caused by
    - A. Bacteria
    - B. Fungus
    - C. Housefly
    - D. Viruses
  
  - v. Which of the following pairs are not domestic animals?
    - A. Goat and cat
    - B. Antelope and tortoise
    - C. Donkey and cow
    - D. Cat and dog

**ANSWERS**

i	ii	iii	iv	v

2. Write **TRUE** if the sentence is correct and **FALSE** if the sentence is incorrect in the table below.
- i. One of the advantages of the forest is to obtain honey and wax.
  - ii. Rainbow is obtained when sunlight strikes drops of water in the air.
  - iii. Sound comes from fixed objects.
  - iv. Clinical thermometer measures the temperature between 0°C up to 50°C.
  - v. Seed bed is a small area kept to get seedlings.

**ANSWERS**

i	ii	iii	iv	v

3. Match the items in **LIST A** with items in **LIST B**. Write the letter in the table below.

	<b>LIST A</b>	<b>LIST B</b>
i.	The area which is surrounded by a magnet	A. Magnet
ii.	Like poles repels	B. Magnetic field
iii.	An object which attracts steel materials	C. Iron fillings
iv.	Method of making magnet	D. Law of magnet
v.	It is used to show magnetic field	E. Repels
		F. Nails
		G. Induction
		H. North pole

**ANSWERS**

i	ii	iii	iv	v

4. Fill in the blanks with the correct word. Choose the words in the box below.

a) Potential difference is measured by \_\_\_\_\_.

b) Height, area, width and distance are measured by \_\_\_\_\_.

c) The mixture of clay, sand and manure is called \_\_\_\_\_ soil.

d) Insects cause \_\_\_\_\_ to the human being.

e) Chicken spread bird \_\_\_\_\_ .

disease, ammeter, loam, tape measure, clay, flue, rope, voltmeter, oil.
-------------------------------------------------------------------------

**SECTION B: (60 Marks)**

**Answer ALL questions in this section**

5. a) What is the importance of air to the organisms?

\_\_\_\_\_  
\_\_\_\_\_

b) List down two (2) sources of air.

i) \_\_\_\_\_  
\_\_\_\_\_

ii) \_\_\_\_\_  
\_\_\_\_\_

c) Mention two (2) uses of air.

i) \_\_\_\_\_

ii) \_\_\_\_\_

6. a) What is a shadow?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

b) Mention two (2) artificial sources of light.

i) \_\_\_\_\_

ii) \_\_\_\_\_

c) List down two (2) properties of light.

i) \_\_\_\_\_

\_\_\_\_\_

ii) \_\_\_\_\_

\_\_\_\_\_

7. a) What is stress?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

b) List down two (2) effects of stress.

i) \_\_\_\_\_

\_\_\_\_\_

ii) \_\_\_\_\_

\_\_\_\_\_

c) Mention two (2) signs of high blood pressure.

i) \_\_\_\_\_

\_\_\_\_\_

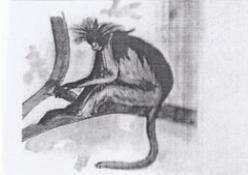
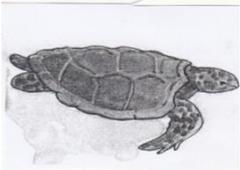
ii) \_\_\_\_\_

\_\_\_\_\_

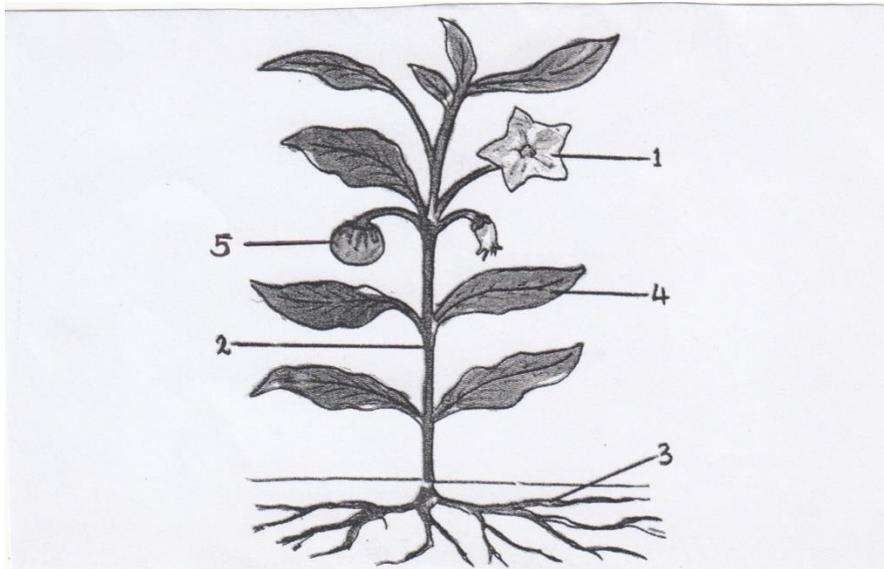
8. a) Complete the following table by filling in the blanks.

<b>Items</b>	<b>Uses</b>
i. Sewage system	Is used to drain off _____ water
ii. Rake	Is used for _____ waste.
iii. Sewage chamber	Is used for _____
iv. Dustbin	Is used for _____ waste.
v. Kerosene oil	Is used for removing bad _____ in the toilet.

9. a) Fill in the table below with the missing words:

<b>PICTURE</b>	<b>NAME</b>	<b>COMMON ANIMALS OR UNCOMMON ANIMALS</b>	<b>LIVING AREA</b>
Example 	Cat	common	land
i) 	Pemba flying bat	_____	_____
ii) 	_____	_____	Land
iii) 	_____	common	_____
iv) 	_____	_____	Aquatic
v) 	Dolphin	_____	_____

10. a) Label the parts of the plant indicated by numbers 1 to 5.



- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_
- 5. \_\_\_\_\_

b) Give one function of each part labelled above

PART	FUNCTION
1	
2	
3	
4	
5	