

Candidate's examination number _____

S.M.Z

ZANZIBAR EXAMINATIONS COUNCIL

STANDARD FOUR EXAMINATION

123

SCIENCE

TIME 2:00 HOURS

TUESDAY 21st NOVEMBER, 2017 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.**

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

This paper consists of 9 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.
 - i. Spade is used for
 - A. Weeding the garden
 - B. Fetching and watering plants
 - C. Collecting fertilizers and rubbish
 - D. Digging roots
 - ii. Magnetic lines of forces starts from
 - A. South to north pole
 - B. North to south pole
 - C. West to north pole
 - D. East to west pole
 - iii. Three (3) instruments that measure current are
 - A. Ammeter, Voltmeter and galvanometer
 - B. Galvanometer, battery and Voltmeter
 - C. Ammeter, wire and Voltmeter
 - D. Radio, meter and battery
 - iv. Non transmitted diseases
 - A. Can spread from one person to another
 - B. Can spread through waste water
 - C. Cannot spread from one person to another
 - D. Are obtained through sexual intercourse
 - v. Deficiency of Calcium in the body causes
 - A. Lower ability of vision and hearing
 - B. Skin rashes and body weakness
 - C. Scurvy
 - D. Rickets.

ANSWERS

i	ii	Iii	iv	V

2. Write **T** if the sentence is **TRUE** and **F** if the sentence is **FALSE** in the table below
- i. Balance diet has all nutrients at required amount.
 - ii. Tortoise is a domestic animal.
 - iii. Pawpaw plant is a non flowering plant.
 - iv. Echo is a reflection of sound.
 - v. Temperature is a degree of coldness or hotness of things, place or animals.

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.

	LIST A	LIST B
i.	Importance of minerals in plants	A. Sewage system and sewage chamber
ii	Is a place of waste water disposal	B. Light
iii.	Causes a disturbed mind	C. Deficiency of blood
iv	Used in vision.	D. Dental caries
v.	Caused by deficiency of fluorine.	E. Helps to grow well
		F. Photocopy
		G. By fetching
		H. Stress

ANSWERS

i	Ii	iii	iv	v

4. Fill in the blanks with the correct word by choosing the words in the box below.
- a) Loss of _____ occurs when the patient faint.
- b) Domestic animals are found in areas _____
- c) Insects make_____ to be attractive.
- d) Bat use _____ to sense the obstacles while moving.
- e) Clinical thermometer is used to measure temperature of _____.

human being, we live, eyes, echo, consciousness, appetite, far from people, their relatives, environment.

SECTION B: (60 Marks)
Answer ALL questions in this section

5. a) What is personal hygiene?

- b) Complete the following table by filling in the Blanks.

Item	Its uses
i) Tooth Brush	
ii) Comb	
iii) Soap	
iv) Electric iron	

6. a) What is vaccination?

- b) List down two (2) diseases which commonly affect children below the age of five (5) years.

i) _____

ii) _____

iii) _____

c) Complete the following table by filling in the blanks

Age	Type of vaccination	Way of provision / administering	Type of diseases vaccinated
After birth	BCG	Vaccination on _____ and _____	_____
3, 4 and 5 months	DPT	Vaccination on _____ and _____	_____

7. a) What is the meaning of coral reef?

b) List down two (2) types of coral reef.

i) _____

ii) _____

c) Mention two (2) main groups of fish.

i) _____

ii) _____

d) Give example of fish in each group

8. a) What is soil?

b) Name two (2) uses of soil.

i) _____

ii) _____

c) List down three (3) types of soil.

i) _____

ii) _____

iii) _____

d) Mention things which can transmit sound from the following state of matter.

tate of Matter		Example
i)	Solid	
ii)	Liquid	
iii)	Gas	

- e) Write any three (3) properties of sound from the following list

sieve of sound, loudness of sound, largeness and fatness of sound,
fatness and thinness of sound, echo of sound, quality of sound

- i) _____
ii) _____
iii) _____

10. a) Write the names of the following animals

A _____



B _____



C _____



D _____





E

b) Write advantages or disadvantages of the above animals:-

i) Advantage of animal A is

ii) Advantage of animal B is

iii) Advantage of animal C is

iv) Disadvantage of animal D is

v) Disadvantage of animal E is
