

Candidate's Examination Number _____

ESHCFI

THE REVOLUTIONARY GOVERNMENT OF ZANZIBAR

ZANZIBAR EXAMINATIONS COUNCIL

STANDARD FOUR EXAMINATION

006

SCIENCE AND TECHNOLOGY

TIME: 2:00 HOURS

FRIDAY 1ST NOVEMBER, 2024 A.M

INSTRUCTIONS TO THE CANDIDATE

1. This paper consists of **THREE (3)** sections A, B and C.
2. Answer **ALL** questions in section A, B and C.
3. Write your examination number in each page.
4. Write your answer on the space provided.
5. Use a blue or black pen in writing and use pencil in drawing.
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.		
TOTAL		
CHECKER'S SIGNATURE		



05047

This paper consists of 6 printed pages

SECTION A: (20 Marks)

Answer ALL questions in this section.

1. Choose the correct answer and write its letter in the table below.
 - i. Which type of vitamin is obtained from morning sunlight?
 - A. Vitamin A
 - B. Vitamin B
 - C. Vitamin C
 - D. Vitamin D
 - ii. Which part of radio that gives out the sound?
 - A. Antenna
 - B. Meter band
 - C. Speaker
 - D. Tuning button
 - iii. The name of a female reproductive part of a flower is called
 - A. Anther
 - B. Pistil
 - C. Sepal
 - D. Stamen
 - iv. Which of the following food nutrients produces heat and energy to the body?
 - A. Lipids
 - B. Minerals
 - C. Vitamins
 - D. Water

- v. Example of area where telephone is not allowed is
- A. Bank
 - B. Home
 - C. Market
 - D. Shop

Answers

i	ii	iii	iv	v

2. Match the function of respiratory system in **LIST A** with appropriate parts in **LIST B**. Write the correct letter in the table below.

LIST A	LIST B
i. It protects the lungs and heart	A. Bronchi
ii. It allows gaseous exchange to take place	B. Diaphragm
iii. It joins the throats and lungs	C. Lung
iv. It is used for smelling and breathing	D. Nose
v. It helps the lungs to pull air in and push it out	E. Ribs
	F. Throat
	G. Trachea

Answers

LIST A	i	ii	iii	iv	v
LIST B					

3. Fill in the blanks by choosing the correct word from the box given below.

light, protein, milk, iron, iodine, jointed, diet

- i. Lactating mothers produce _____ for their babies.
- ii. Balanced _____ is the meal that contains all types of food.
- iii. Goiter is caused by lack of _____ in the diet.
- iv. The sun is a natural source of _____
- v. Insects have three pairs of _____ legs.

SECTION B: (20 Marks)

Answer ALL questions in this section.

4. Volume button, tuning knob and power button are examples of components of a radio. Write the importance of each component.

- i. Volume button

- ii. Tuning knob

- iii. Power button

- iv. Antenna

5. a. Give a difference between Radio and Television.

- b. Identify three (3) uses of remote control.

i. _____

ii. _____

iii. _____

SECTION C: (10 Marks)

Answer the following question.

6. a. Explain the following methods of converting water from one state to another.

- i. Melting

- ii. Freezing

Candidate's Examination Number _____

- b. Give two (2) reasons of using soft water rather than hard water.
