

SMZ

ZANZIBAR EXAMINATIONS COUNCIL
STANDARD FOUR NATIONAL ASSESSMENT
SCIENCE AND TECHNOLOGY

006

Time: 1:30 Hours

Year: 2023

Instructions

1. This paper consists three sections namely **A, B** and **C** with **eight (08)** questions.
2. Answer **all** questions.
3. Write your Assessment Number at the top right hand corner of every page.

FOR ASSESSOR'S USE ONLY		
QUESTION NUMBER	SCORE	ASSESSOR'S INITIALS
1		
2		
3		
4		
5		
6		
7		
8		
TOTAL		
CHECKER'S INITIALS		

SECTION A (30 MARKS)

1. Choose the letter of correct answers and write it in the table against each item number:

i) Where do sepals found in plant

- A. Flower
- B. Leaf
- C. Roots
- D. Stem

ii) What important food is produced by bees?

- A. Flowers
- B. Honey
- C. Silk
- D. Sugar

iii) Which of the following types of nutrients is needed by sick person?

- A. Vitamins and proteins
- B. Fats and vitamins
- C. Mineral salt and protein
- D. Mineral salt and Fibres

iv) Choose one property of light:

- A. Collection
- B. Communication
- C. Reflection
- D. Transportation






v) Chose the agent of pollination

- A. . Cloud
- B. Cold
- C. Sun shine
- D. Wind

ANSWERS:

i.	ii.	iii.	iv.	v.

2. Match the items from **list A** with a correct response in **list B** by writing the letter of the correct response against the item number

List A	List B
i. 	A. Bulb B. Torch
ii. 	C. Firefly D. Tube light
iii. 	E. Lamp F. Star
iv. 	
v. 	

ANSWERS:

i.	ii.	iii.	iv.	v.

3. Fill in the blanks by choosing the correct word in the box.

Water, 78%, 21%, turning bottom, soil, fixed phones

- i) When we fill thirsty, we drink some _____
- ii) The thin upper ost layer of the earth crust is called _____
- iii) The percentages of nitrogen in the Air is about _____
- iv) The component used to search radio channel is called _____
- v) The type of phone which joined with wire is called _____

SECTION B (40 Marks)

4. Answer (i)-(vi), by picking the type of food from a box and to write it on the correct side in the table. Item (i) is an **answered example**.

Peanuts, milik, chicken, Rice, Eggs, fish, maize potatoes, cassava, wheat

Carbohydrates	Proteins
i). Banana	Beans
ii)	
iii)	
iv)	
v)	
vi)	

5. a) Identify three (3) sources of water

- i) _____
- ii) _____
- iii) _____

b) (i) Name three (3) states of water

i) _____

ii) _____

iii) _____

(ii) Give the difference between hard water and soft water

(c) Write three (3) uses of waterS

i) _____

ii) _____

iii) _____

6. (a) Define the term communication

(b) gIve the function of the following components of the radio:

i) Antena

ii) Speaker

iii) Power Button

(c) Draw and label the diagram of televishen

SECTION C (30 MARKS)

7. a) Define food nutrient

b) Write **three (3)** examples of food nutrient

i) _____

ii) _____

iii) _____

c) Mentions **four (04)** symptoms of scurvy

i) _____

ii) _____

iii) _____

iv) _____

8. Study the **Figure A** of given plant and then answer the questions that follow:



Figure. A

a) Name the parts labeled by the number 1 to 4 from figure A

- 1. _____
- 2. _____
- 3. _____
- 4. _____

b) Write the group of plant represented in figure A.

c) List four (4) examples of plants named above.

- i) _____
- ii) _____
- iii) _____
- iv) _____