Name of the Pupil _____ *Pupil's Assessment Number* _____

School name _____ *Date* _____

THE UNITED REPUBLIC OF TANZANIA

MINISTRY OF EDUCATION, SCIENCE AND TECHNOLOGY

MISSION SCHOOLS ORGANISATION 0540

ORGANIZATION

2026 FIRST JOINT ASSESSMENT

S09E **SUBJECT: SCIENCE**

TIME: 1.30 Hours **Friday, 27th March 2026**

Instructions:

1. This paper consists of sections A and B with six (6) questions
2. Answer **all questions in each section correctly** using **a blue** or **black** ink pen
3. Cellular phones and any other unauthorised material are not allowed in the assessment room
4. Write your **Name, Assessment Number, School name, and Date** in the space provided at the top right corner of each page

CamScanner

*Name of the Pupil*_____ *Pupil's Assessment Number*_____

*School name*_____ *Date*_____

Section A (22 Marks): Answer all questions in this section.

1. Answer items (i) – (v) under this question by choosing the letter of the correct answer and write it in the brackets provided (5 Marks).

i. Which of the following conditions enables our eyes to see properly?
a) image b) mirror c) light d) heat [ ]

ii. Every person should eat a balanced diet. Which of the following should be put in plenty in a pregnant woman's meal? [ ]
a) mangoes, soil, and lemon b) cassava, salt, and meat
c) carbohydrates and vitamins d) proteins and minerals

iii. Mzee Majani is a farmer in Liwale; he found that his farm has not produced much crops this year compared to last year. What is the next step in investigating this cause?
a) problem identification b) results [ ]
c) hypothesis formulation d) conclusion

iv. Fever, body and joint pain, headache, vomiting, and loss of appetite for food are symptoms of..... [ ]
a) cholera b) malaria c) typhoid d) HIV/AIDS

v. Aminata planted some seed in her farm. Which of the following are required conditions for her seeds to germinate? [ ]
a) air, water, and temperature b) water, nutrients, and soil
c) soil, light, and air d) water, light, and soil

2. Answer items (i) – (v) in this question by matching explanations in list A with the corresponding disease in list B. Write the letter of the correct answer in the brackets provided (5 Marks).

List A		Answers	List B
i.	The bouncing back of sound or light	( )	A. Heat
ii.	Caused by the raise in temperature	( )	B. Light
iii.	The reflected sound	( )	C. Sound
iv.	Caused by rubbing two surfaces or friction between two surfaces	( )	D. Coldness
v.	Caused by the vibration of different objects	( )	E. Hotness
			F. Echo
			G. Reflection

CamScanner

Name of the Pupil _____ *Pupil's Assessment Number* _____

School name _____ *Date* _____

3. Answer items (i)-(vi) below by choosing the correct answer from the box and write it in the space provided (12 Marks).

Respiration,	Excretion,	Locomotion,	Sensitivity,	Reproduction,	Growth

i. After playing football, Denis noticed that he was sweating. Which characteristic of living things is this? .....

ii. The act of moving the whole body of an organism from one place to another is called .....

iii. The ability of a living thing to detect and respond to stimuli in the environment is called.....

iv. The process whereby living things increase in number is called .....
.....

v. Which process enables living things to get energy and use it for growth and body function?.....

vi. The increase in size and mass in an organism .....

Section B (28 Marks): Answer all questions in this section.

4. Re-arrange the steps of creating simple computer games using letter A, B, C, D, E and F (12 Marks)

i. Choose game creation tools [ ]

ii. Write game rules [ ]

iii. Write instruction using block programming [ ]

iv. Choose the type of game [ ]

v. Test and improve [ ]

vi. Create characters and environment [ ]

CamScanner

*Name of the Pupil*_____ *Pupil's Assessment Number*_____

*School name*_____ *Date*_____

5. Study the figures below carefully, then answer items (a)-(f) which follow (12 Marks).

A	B	C	D
			

Questions:

a. Name the sign represented by letter D. .....

.....

b. The sign represented by letter C is an example of which safety signs?.....

.....

c. A is an example of which safety signs?.....

.....

d. The sign which warns us of possible danger is represented by letter.....

e. Mention any two (2) importance of safety signs in our environment.

i. .....

ii. .....

f. What colour represents prohibition signs?.....

6. Provide short answers for the following items (a)-(b) (4 Marks).

a. Mention any two (2) advantages of using simple games in learning

i. .....

ii. .....

b. What is the goal for playing the Maze game?

.....

.....

CamScanner