

**PRESIDENT'S OFFICE
REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT
UKEREWE DISTRICT COUNCIL**



FORM FOUR MOCK EXAMINATION

033/2B

BIOLOGY 2B

(ACTUAL PRACTICAL)

TIME: 2:30HRS

INSTRUCTIONS

1. This paper consists of two (2) questions, answer all the questions
2. Each question carries 25marks
3. Write your examination number on every page of your answer booklet(s)
4. All writings should be in blue or black ink, diagrams must be drawn in pencil
5. Cellular phones and any unauthorized materials are not allowed in the examination room
1. You have been provided with specimen

Prepare a solution from specimen Q

Label it, solution Q

Questions

- a) Write the procedures used in preparation of solution Q
- b) Carry out experiments to identify the food substance present in the solution Q

TEST FOR	PROCEDURE	OBSERVATION	INFERENCE

- c) Name food substances identified in part (1b) above
- d) Outline the PH and products of digestion of the food substances identified in part (1b) above
- e) Name the nutritional disorders that can occur, due to shortage of food substances which are missing in solution Q
- f) In which form does excess starch is stored in the mammalian body?

1. You have been provided with specimens **R,S,T** and **U**, study them and answer questions;

Questions

- a) Identify specimens **R,S,T** and **U** by their common names
- b) Classify specimens **R,T** and **U** to class level

- c) Draw the structures of specimens **T** and **U** showing their body parts
- d) Cut specimen **R** in a longitudinal section, draw the structure and label its parts
- e) Explain the general characteristics of arthropods
- f) Describe the differences between specimen **T** and **U**