Candidate's Name: .....

Signature: .....

Random No.						Personal No.		

(Do not write your School/Centre Name or Number anywhere on this Booklet.)

553/2

BIOLOGY

(Practical)

Paper 2

Oct./Nov.2026

2½ hours

For Scorers' Use Only

Total Weighted Score		
Initials		

UGANDA NATIONAL EXAMINATIONS BOARD

Uganda Certificate of Education

INSTRUCTIONS TO CANDIDATES:

This examination paper consists of **two** *items. Respond to* **both** *items in the spaces provided.*

Drawings should be made in the spaces provided. Use **sharp pencil** *for your drawings. Coloured pencils or crayons should* **not** *be used.*

No *additional sheets of writing paper are to be inserted in this booklet.*

Work on additional sheets of paper will **not** *be scored.*

For Scorers' Use Only

Item No.	Basis Code	Weighted Score	Scorer's Initials
1	A_1		
	H_1		
	V_1		
	AP_1		
	P_1		
	D_1		
	DP_1		
	C_1		
	IR_1		
2	I_2		
	S_2		
	D_2		
Total Weighted Score			

©2026 Uganda National Examinations Board

Item 1

A participant collapsed during an athletics competition. The school team was advised to give the participant a drink enriched with some nutrient(s) to quickly regain energy and provide muscle development. Unfortunately, the available drinks at the first aid tent were not clearly labelled and the team had a challenge in identifying which of the drinks to give.

The participant was rushed to a nearby clinic for medical attention.

You have been provided with three samples of the drinks **X**, **Y** and **Z** from the first aid tent.

Task:
Carry out a scientific investigation to find out which of the three drinks at the first aid tent should have been given to the participant.

(*Your investigation should include aim, hypothesis, variables, apparatus/materials, procedure, results and recommendation.*)

(a) Aim, hypothesis, variables, apparatus/materials.

For Scorer's Use Only

Basis Code	A_1	H_1	V_1	AP_1
Score				

(b) Procedure and interpretation of results.

For Scorer's Use Only

Basis Code	P_1	D_1	DP_1	C_1
Score				

(c) With reasons, recommend the drink(s) that should have been given to the participant.

For Scorer's Use Only

Basis Code	IR_1
Score	

Item 2

Jane owns a home with a large compound. In one part of her compound are two common plants, **J** and **K**. She is wondering why **K** appears throughout the year while **J** appears seasonally.

Specimens **J** and **K** are the two plants picked from Jane's compound.

Task:

(a) (i) With reasons, identify the different plant categories to which specimens **J** and **K** belong.

For Scorer's Use Only

Basis Code	**I_2**
Score	

(ii) Explain to Jane how structures of specimen **K** enable it to appear in her compound throughout the year.

For Scorer's Use Only

Basis Code	S_2
Score	

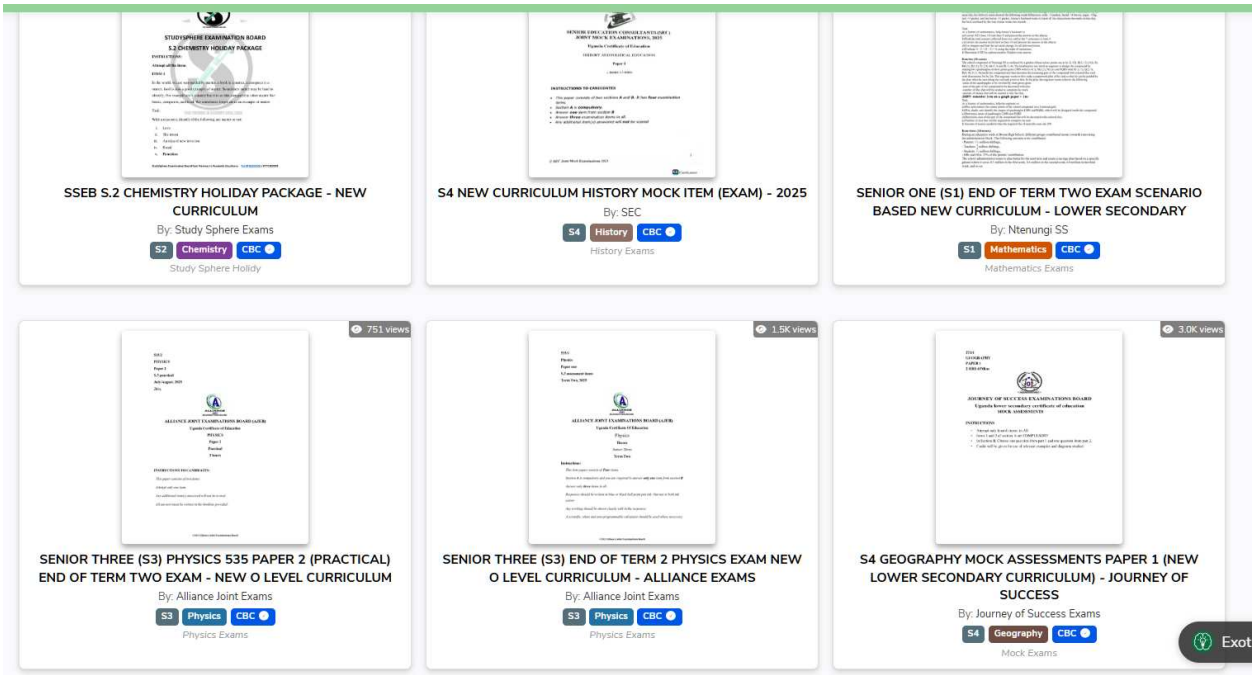
(b) Draw and label the organ of specimen **J** responsible for making food. (*State the magnification of the drawing.*)

For Scorer's Use Only

Basis Code	**D_2**
Score	

END

This document was downloaded from https://exoticnotes.com



Do you need more papers for secondary?

Click
https://exoticnotes.com/papers/secondary

If you need papers for O level (S.1 – S.4)

Click
https://exoticnotes.com/papers/secondary/o-level

If you need papers for A level (S.5 – S.6)

Click
https://exoticnotes.com/papers/secondary/a-level