Candidates' Name:	••••••	• • • • • • •	•••••	•••••	•••••	•••••	•••••	
Signature:		Ra	ndom l	No.		Per	rsonal l	No.
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(Do not write your school / Center name or Number anywhere on this booklet)

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BIOLOGY Paper 2 July / Aug 2024 2 ½ HOURS



KAMTEC EXAMINATIONS BOARD

Uganda Certificate Of Education

BIOLOGY

Paper 3

TIME: 2 hours 30 minutes

INSTRUCTIONS TO CANDIDATES

This paper consists of **two** examination items. Answer **all** the items in the spaces provided.

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

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

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

ITEM	SCORE(S)	EXAMINER'S SIGNATURE
Item 1		
Item 2		
Total		

Item 1

Scientific theories indicate that in the mouth, there is an active substance X which plays a vital role in the process of digestion of food.

The substance works better in slightly alkaline medium within optimum body temperature range between 36°C - 40° C. During a science contest, S.2 students were tasked to demonstrate the process of digestion in the mouth using Specimen **D**, commonly fed on by the people.

Task Determine the composition of food mixture \mathbf{D} . Obtain substance \mathbf{X} from your mouth				
and conduct an investigation to demonstrate the effect of \mathbf{X} on Specimen \mathbf{D} .				

Item 2

In Kamuli district, farmers have always had challenges with the weeds that manifest in their gardens even after weeding and clearing has been done. The weeds grow very rapidly and in a short time cover up the entire garden. Specimens $\bf P$ and $\bf Q$ have been collected from the gardens of these farmers.

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(a) Help the farmers to understand how the specimens are adapted to rapidly growing into new plants in the garden.
(b) (i) State how the farmers can control specimens ${\bf P}$ and ${\bf Q}$ in their garden.

(c) Draw and label specimen ${\bf P}$

END