

Name: Index No.....

School: Signature:

553/2
BIOLOGY
Paper 2
(Practical)
July/August 2026
2½ hours



For Scorers' Use Only		
Total Weighted Score		
Initials		

WAKISSHA JOINT MOCK EXAMINATIONS

Uganda Certificate of Education

BIOLOGY

Paper 2

Practical

2 hours 30 minutes

INSTRUCTIONS TO CANDIDATES:

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

*Drawings should be made in the spaces provided. Use a **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.	Basic code	Weighted Score	Scorer's initials
1	A ₁		
	H ₁		
	V ₁		
	AP ₁		
	P ₁		
	D ₁		
	DP ₁		
	IR ₁		
2	I ₂		
	S ₂		
	D ₂		
Total Weighted Score			



John and David are farmers in Luwero District. They grow a number of similar crops for commercial purposes and both used the same fertilizers. Last planting season, their District received enough rain for some time after which the rain stopped before their crops had matured. John and David were worried of making losses after injecting in a lot of money in their gardens. They decided to irrigate their crops by using different water sources.

But John's crops became wilted, with weak soft stems and his harvest was poor. John did not understand why he had a poor harvest despite the fact that he irrigated his crops.

TASK:

Your investigation should include the: aim, hypothesis, variables, materials, procedure, results, analysis and recommendation.

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- This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

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Basic code	A ₁	H ₁	V ₁	AP ₁
Score				

(b) Procedure of the investigation

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

Basic code	P ₁
Score	

(c) Results

RESULTS

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Basic code	D ₁	DP ₁
Score		

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Basic code	IR ₁
Score	

WAKISSHA Joint Mock Examinations 2026

ITEM 2:

Mukasa is a farmer who has been growing beans on a large scale for many years. Two years ago, the price of beans dropped and he was discouraged. He then started growing passion fruits in addition to beans as advised by his friend Katende.

But Mukasa was also challenged by animals which could come and eat his fruits.

One day as he was following these animals in the near-by forest, he came across passion fruit plants that were similar to his own. He was surprised how these plants came to grow in that forest.

You are provided with specimens M and N which are fruits that were collected from Mukasa's garden. Cut specimen M into two halves.

- (a) Using observable features, identify the type of fruit each specimen is

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Basic code	I ₂
Score	

- (b) Explain how specimen M is suited for animal dispersal.

For scorer's use only

Basic code	S ₂
Score	

- (c) Draw one half of specimen M and label only the parts that adapts it for dispersal by animals.

For scorer's use only

Basic code	D ₂
Score	

END