Name:	Centre/ Index No
School	Signature:

553/3 BIOLOGY Practical PAPER 3 July/August 2023 2hours



## WAKISSHA JOINT MOCK EXAMINATIONS

**Uganda Certificate of Education** 

**BIOLOGY** 

(Practical)

Paper 3

2 hours

## **INSTRUCTIONS TO CANDIDATES:**

- This paper consists of three questions.
- Answer all questions.
- 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 marked.

## FOR EXAMINER'S USE ONLY

Question	Marks	Examiner's No. & Initials
1		
2	and summer of property and all the sale	The one of the speciments are
3		
TOTAL		MILE ALLES

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Turn Over



You are provided with solutions D which contains food nutrients.

Carry out the tests specified in the table below. Record your tests, observations and deductions. (16 marks)

	Test	Observations	Deductions
(i) Iodin	e test		A SPECIAL PROPERTY.
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			Z.Riket is
			A STATE OF THE STA
			and the second second
(ii) Bened	dicts' test		
		NO ASSESSMENT OF THE PARTY OF T	
		COLUMN TARREST	CLARK TO THE REAL PROPERTY.
(iii) Non	raduaina augas tast	William Coulding to a Children	
(111) 14011-	reducing sugar test.	The River	
		T- Tree parents	
		A Light Control	
(iv) Biure	t's test	and the same of th	
		a democa	ANT ANT THE PARTY IN
		THE REAL PROPERTY OF THE PARTY	OLI - ADITY BITTON
) (i)	Identify the food	nutrients in solution D	ANTE DESTRUCTION OF THE PARTY O
) (i)	Identify the food	nutrients in solution D.	(01 marks
)) (i)	Identify the food	nutrients in solution <b>D</b> .	(01 marks
		to the state of th	O KO Propins
(ii)		nutrients in solution <b>D</b> .	O KO Propins
		to the state of th	O KO Propins
		to the state of th	rients in solution D.
(ii)	Name two natura	al sources of each of the food nut	rients in solution <b>D</b> .  (02 marks
(ii) State	Name two natura	to the state of th	rients in solution <b>D</b> .  (02 marks
(ii) State	Name two natura	al sources of each of the food nut	of the food nutrients in
(ii) State	Name two natura	al sources of each of the food nut	rients in solution <b>D</b> .  (02 marks
(ii) State soluti	Name two natural one effect of undersion <b>D</b> .	er consumption by man of each o	of the food nutrients in  (01 mark)
State solution	Name two natural one effect of undersion <b>D</b> .	er consumption by man of each o	of the food nutrients in  (01 marks)
State solution	Name two natural one effect of undersion <b>D</b> .	er consumption by man of each o	of the food nutrients in  (01 marks)
State solution	Name two natural one effect of undersion <b>D</b> .	er consumption by man of each o	of the food nutrients in (01 marks)  ons.  non to both specimens.
State solution	Name two natural one effect of undersion <b>D</b> .	er consumption by man of each o	of the food nutrients in  (01 marks)

7			The letter
ii) Specimen F			(03 marks)
		selection being the result cap.	
Examine the structure differences between	res of each of the sp	ecimens E and F. State four str	uctural (04 marks)
Spec	cimen E	Specimen F	(04 marks)
	enver de descrita	o mailtan ball menutapai	4448 1 - 1 1
	names causing of line	le concent not been elemente	ART LATE
		by By W. V. U angent come to	
Explain one ecologic	cal advantage of spe	cimen F over specimen F	(01
Explain one ecologic	cal advantage of spe	cimen F over specimen E.	(01 mark
Explain one ecologic	cal advantage of spe	cimen F over specimen E.	(01 mark
Remove all the sepal	s, petals and stamen		
Remove all the sepal	s, petals and stamen	cimen F over specimen E.  as of specimen E to expose the	pistil.
	s, petals and stamen		
Remove all the sepal	s, petals and stamen		pistil.
Remove all the sepal	s, petals and stamen		pistil.
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Remove all the sepal	s, petals and stamen		pistil.
Remove all the sepal	s, petals and stamen		pistil.

(b)	State any three structural differences between	en specimens U and V.	(03 marks
(0)	Specimen U	Specimen \	V
		dent in the factor of any	
(c) H	How is specimen U adapted to its mode of life	è as a parasite.	(03 marks
	sing structures used for locomotion and feed	ling, construct a dichotom	
	sing structures used for locomotion and feedentify specimens U, V, W and X.	ling, construct a dichotom	
	sing structures used for locomotion and feedentify specimens U, V, W and X.	ling, construct a dichotom	
	sing structures used for locomotion and feedentify specimens U, V, W and X.	ling, construct a dichotom	ous key to (03 marks
	sing structures used for locomotion and feed entify specimens U, V, W and X.	ling, construct a dichotome	
	sing structures used for locomotion and feedentify specimens U, V, W and X.	ling, construct a dichotome	
	sing structures used for locomotion and feed entify specimens U, V, W and X.	ling, construct a dichotome	
l) Us	sing structures used for locomotion and feed entify specimens U, V, W and X.	ling, construct a dichotomo	
	sing structures used for locomotion and feed entify specimens U, V, W and X.	ling, construct a dichotomo	
ide	sing structures used for locomotion and feed entify specimens U, V, W and X.  te one survival advantage of specimen X or		
ide	entify specimens U, V, W and X.		(03 marks
Sta	te one survival advantage of specimen X or	/er W.	(01 mark)
Sta	entify specimens U, V, W and X.	/er W.	(03 marks
Sta	te one survival advantage of specimen X or	/er W.	(01 mark)

END

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