Name:	Centre/ Index No
School	Signature:

553/3 BIOLOGY PAPER 3 July/August 2024 2<sup>1</sup>/<sub>2</sub> hours



## WAKISSHA JOINT MOCK EXAMINATIONS

## Uganda Certificate of Education

BIOLOGY

Paper 3

Practical

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.

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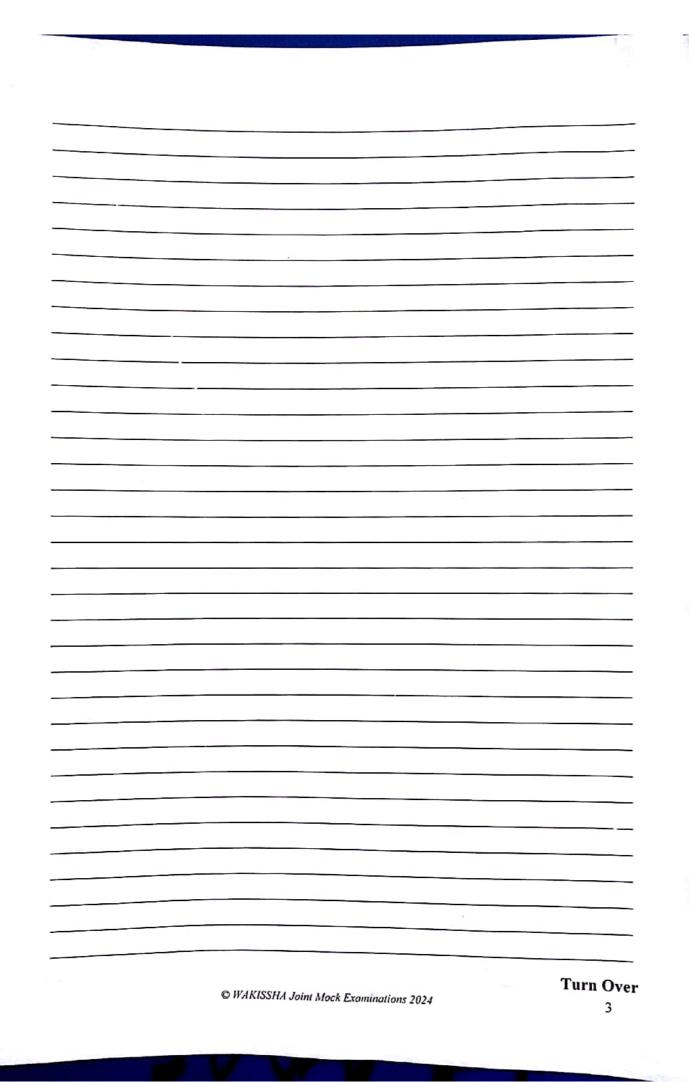
Turn Over

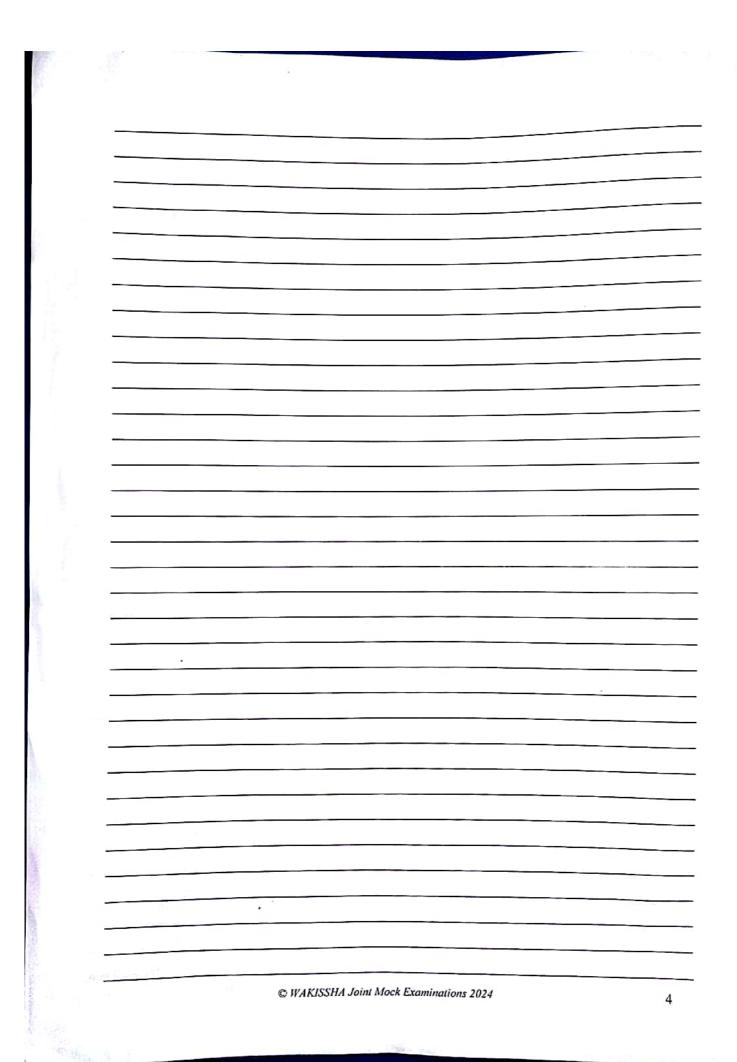
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In many countries, kidney diseases are among the most common causes of deaths of people. Some of these diseases can be detected by simple urine tests. Some of the symptoms of kidney diseases include finding substances like proteins and glucose in urine samples collected from individual suspects.

You are provided with solutions  $A_1$  and  $B_1$  with corresponding chemical composition of urine samples collected from two individuals A and B but with different health conditions.

<b>Task:</b> Carry out investigations on the solutions $A_1$ and $B_1$ and use your findings to advise the individual with kidney problems.					
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Many people grow some crops near their homes. However, due to ignorance, their chremove some of the plant parts resulting into poor yields.  You are provided with specimens P, Q, R and S which are the parts found with the children	
Task  (a) Using external observable features, how are the children's actions likely to affect the place growth and species survival?	lant
	3
(b) How can the specimens provided be identified using a dichotomous key.	
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(c) Cut open specimen P longitudinally, draw and label one part of the specimen.