Name:	Centre/ Index No
School	Signature:

553/3 BIOLOGY PAPER 3 July/August 2024 2¹/₂ 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



Item 1.

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.

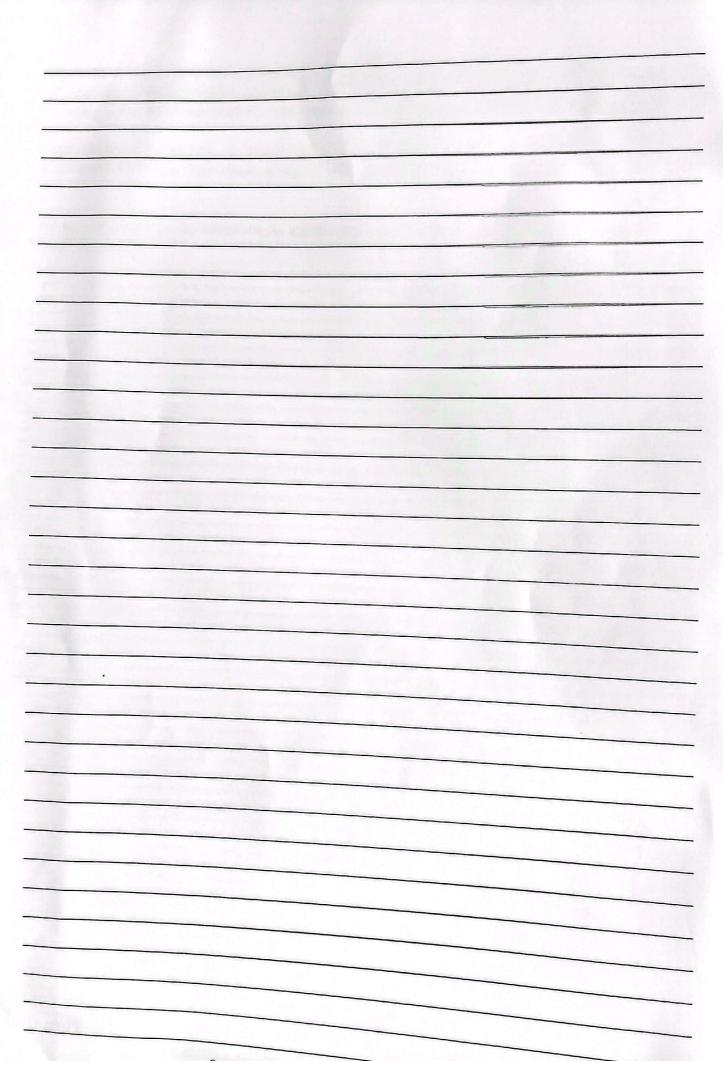
You are provided with solutions A_1 and B_1 with corresponding chemical composition of urine samples collected from two individuals ${\bf A}$ and ${\bf B}$ but with different health conditions.

Task: Carry out investigati	ons on the solutions	\mathbf{A}_1 and \mathbf{B}_1 and 1	ıse your findi	ngs to advise tl	ne individu
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Item 2. Many people grow some crops near their homes. However, due to ignorance, their children remove 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 plant growth and species survival?

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(c) Cut open specimen P longitudinally, draw and label one part of the specimen.