Student's name:		
SCHOOL:	RANDOM NUMBER:	/

P553/2
BIOLOGY
Paper 2
July/Aug. 2024  $2\frac{1}{2}$  hours



## **AITEL JOINT MOCK EXAMINATIONS 2024.**

# **Uganda Certificate of Education**

**BIOLOGY PRACTICALS** 

PAPER 2

2HOURS: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.

EXAMINER'S USE ONLY						
Item	Marks	Examiner's comment	Examiner's sign			
1						
2						
Total						

### Item 1

Nairah, a three-year-old girl, has always been sick, she had failed to gain any weight and was always tired and crying. During her 6-monthly visit to the hospital, the doctor wanted to know the food she has been feeding on, and a sample was brought to him. He labeled it P. He recommended a different food material for Nairah for the next months and gave her month the sample labeled Q. During their next visit to the hospital, Nairah's health had greatly improved and she had gained at least 5kgs of weight.

#### Task:

You are provided with samples of food solutions P and Q. You are required to investigate the nature of these food substances to determine why solution Q was able to promote Nairah's recovery and explain why this food combination is good for growing children	
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Item 2	
environme didn't observing Hoozamlasked. "A Hoozamla orepare a teacher rewanted the demands	biology lesson, Mr. Yeeko ordered students to collect some specimens from their ent, Hoozambe managed to trap some specimens. Due to the limited time in the field, manage to identify the specimens but he label them Q, R, S, and T. As Hoozambe was the specimens, his classmate Jayden approached him, looking puzzled. "Hey, be, I'm confused about specimen S. How does it survive in the environment?" Jayden and what's with specimen R? I can't figure out what part of it enables it to fly!", be has contacted you to help classify the specimens using biological principles and also report for him to present in the next biology class as required by the teacher. The equires them to classify the specimens in their kingdom, phylum, and class. He also that they note some characteristics on the specimens and prepare an identification key dentification of the specimens during the lesson.
a) Pro	epare a report that Hoozambe will present in the next biology lesson.

Also help Jayden environment.	with the adaptations of specimen S that enables it to survi	ve in its

Draw a well labeled structure that enables specimen O to fly.				

c)

**END**