



ST KELMON PRIVATE SECONDARY SCHOOL

2024 MSCE MOCK EXAMINATION

Biology Paper II – Practical

(40 Marks)

Subject Number: M022

Tuesday, 26th March

Time allowed: 2 hours

Instructions

1. This paper contains 5 pages including this page. Please check.
2. Write your **examination number** on all pages in the space provided at the top.
3. Read the questions carefully before you answer.
4. Answer all questions in the spaces provided.
5. At the end of the examination, hand in your paper to the invigilator.

Question number	Tick if answered	Do not write on these columns
1		
2		
3		
4		
Total		

Turnover



1. You are provided with a specimen labelled **P**.
 - a. Draw the specimen **P** and label **any three** parts.

(4 Marks)

- b. Measure the length of specimen P in millimeters and record your measurement.

_____ (1 Mark)

- c. Calculate the magnification of your drawing.

(3 Marks)

- d. Mention any two food nutrients obtained from the specimen P.

_____ (2 Marks)



2. You are provided with a specimen labelled J and a knife.
 - a. Cut specimen J longitudinally. Draw the longitudinal section of specimen J and label **any three** parts.

(4 Marks)

- b. Describe how you can test **specimen J** for reducing sugars.

[illegible]

3. Describe an experiment which you can do to show that **pH** affects activity of digestive enzymes.

[illegible]

4. With the aid of a well labelled diagram, describe an experiment you could do to show how a shoot responds to unilateral exposure to sunlight

[illegible]

(10 Marks).

END OF QUESTION PAPER