

Name: _____ School: _____



CENTRAL EAST EDUCATION DIVISION
2024 MALAWI SCHOOL CERTIFICATE MOCK EXAMINATION



BIOLOGY

Tuesday, 12 March

Subject Number: M022/I

Time allowed: 2 hour sessions
10:00 am onwards

PAPER II

(40 marks)

Practical

Instructions

1. This paper contains 6 printed pages.
Please check.
2. Write your examination Number at
the top of each page of this question
paper.
3. This paper contains two sections,
A and B. Section A has two descriptive
questions and B has two questions on
experiment
4. Answer all the four questions in the
spaces provided in the question paper.
5. In the table provided on this page tick
against the question number you have
answered.

Question Number	Tick if answered	Do not write in these columns	
1			
2			
3			
4			



Name: _____ School: _____

Section A (20 marks)

1. In an essay form, describe an experiment that could be conducted to show the region which responds to stimulus of gravity in bean seedlings. Your answer should include the following: Procedure, materials, expected results and conclusion.

[illegible]

(10marks)

Name: _____ School: _____

2. Describe an investigation that could be conducted to show that fresh green leaves contain different types of pigments. In an essay form, your answer should include **procedure, materials, expected results** and **conclusion**.

[illegible]

(10 marks)

Name: _____ School: _____

3. You are provided with specimen **N**.

a. Measure the longest axis of specimen **N** in **mm**.

_____ (1mark)

b. Cut a longitudinal section of specimen **N**, draw and label any **two** parts



(3marks)

c. Mention any **two** nutrients found in the specimen **N**.

(2 marks)

Name: _____ School: _____

d. Describe how you would test specimen **N** for reducing sugars.

(4marks)

4. You are provided with specimen **M** and **P**

a. (i). To what class of flowering plants does specimen **M** belong?

(1 mark)

(ii). Give a reason for your answer in 4a (i) above

(1 mark)

b. With respect to habitat, to which group of plants does each of the specimens belong?

M _____ **(1mark)**

P _____ **(1mark)**

Name: _____ School: _____

c. Explain any **two** adaptations of specimen **P** to its habitat

(4marks)

d. State any **two** products that can be made from specimen **P**

(2 marks)

END OF QUESTION PAPER

NB: This paper contains 6 pages.