



# CENTRAL EAST EDUCATION DIVISION

## 2023 MALAWI SCHOOL CERTIFICATE OF EDUCATION MOCK EXAMINATIONS

### BIOLOGY

Wednesday, 15<sup>th</sup> March

Subject Number: M022/II

Time allowed: 8:00 a.m. onwards

(1½ hour sessions)

### (PRACTICAL)

### PAPER II

(40 marks)

#### Instructions

- This paper contains 6 pages. Please check.
- Write your examination number at the top of each page and every sheet.
- This paper has *two section, A and B*.  
Section A has two descriptive questions and section B has two questions on experiment.
- Answer *all* the *four* questions in the spaces provided in the question paper. The maximum number of marks for each answer is indicated against each question. A pencil should be used for all drawings.
- In the table provided on this page, tick against the question number you have answered.
- At the end of the examination, hand in your paper to the invigilator when time is called to stop writing. This paper has three sections. **A, B** and **C**.

Question Number	Tick if answered	Do not write in these columns	



EXAMINATION NUMBER \_\_\_\_\_

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(10 marks)

2. Describe an experiment that could be conducted to estimate the population of grasshoppers in a school garden. Your essay should include materials, procedure, results and conclusion.

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**(10 marks)**

3. You are provided with a small fish. Use it to answer questions that follow:

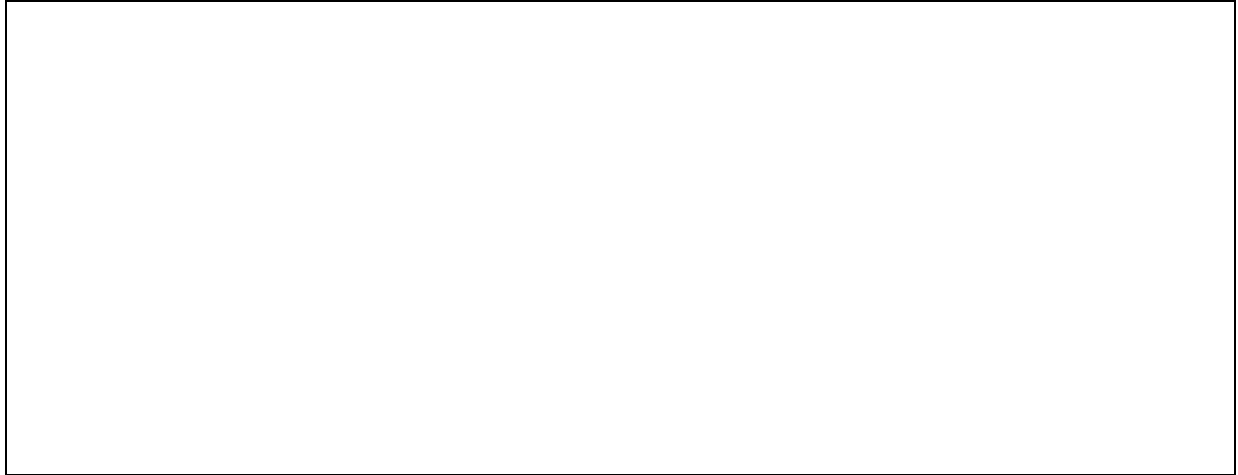
a. (i) Draw the fish and label any *two* parts.



**(3 marks)**

ii. Calculate the *magnification* of your drawing

EXAMINATION NUMBER \_\_\_\_\_



**(2 marks)**

iii. State *two* adaptations of the fish for locomotion

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**(2 marks)**

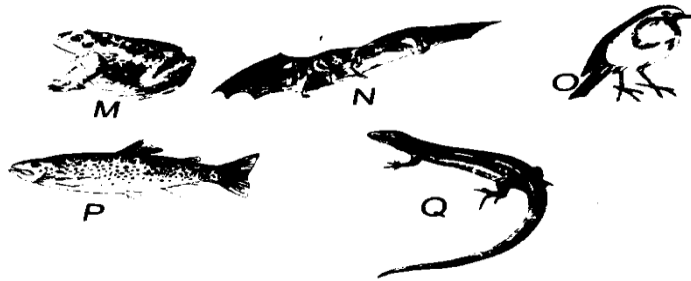
iv. Mention any *two* nutrient found in fish.

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**(2 marks)**

4. Figure below shows some common animals of the vertebrate group. Use it to answer questions that follows:



- a. Construct a dichotomous key.

(8 marks)

- b. To which group of vertebrate do *Q* belong?

*Q* \_\_\_\_\_ (1 mark)

- c. Mention *one* disease that can be spread by organism N

\_\_\_\_\_ (1 mark)

**END OF QUESTION PAPER!**