Anglo-Chinese School
(Primary)
A Methodist Institution
(Founded 1856)

15

2024 P4 Science
Weighted Assessment 1

Name: _____ ( ) Date: 20 Feb 2024

Class: P4 _____ Duration: 20 minutes

Optical Answer Sheet

1
2
3
4
5

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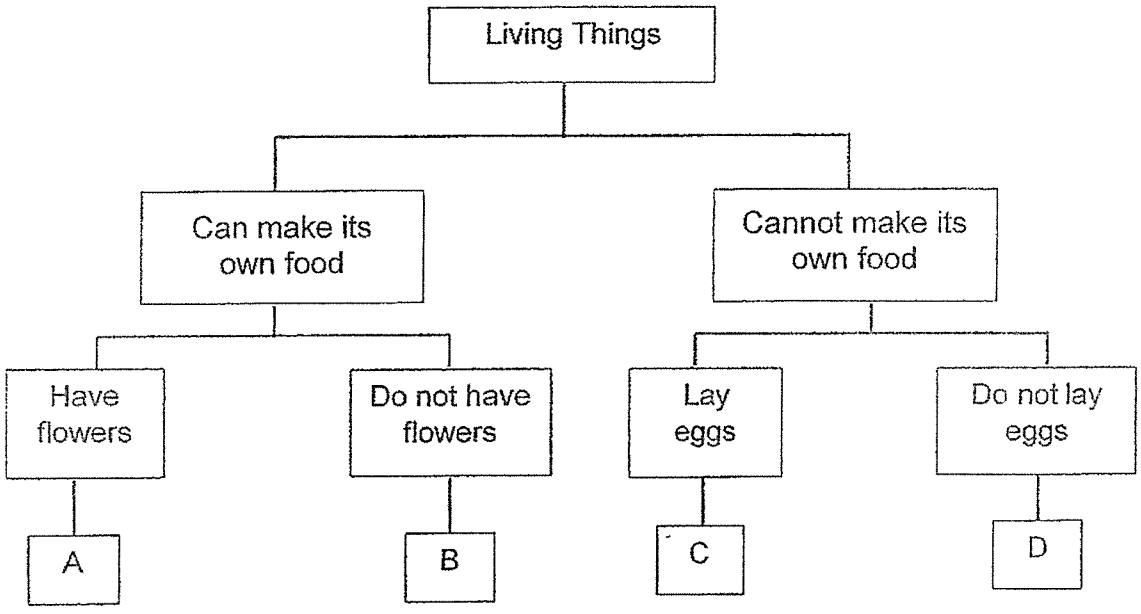
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Section A: Knowledge Application (Multiple-Choice Questions)

For each question from 1 to 5, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4) and shade your answer in the Optical Answer Sheet. [10]

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1 Study the chart below.



Which of the following is correct?

(1) Ferns can be placed in Group A.

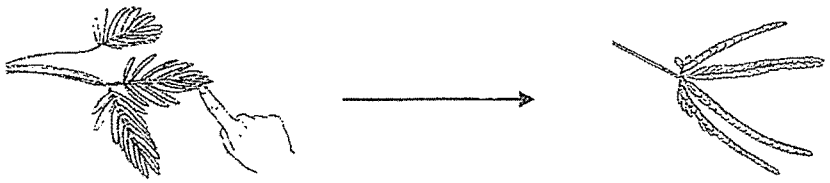
(2) Fungi can be placed in Group B.

(3) Insects can be placed in Group C.

(4) Birds can be placed in Group D.

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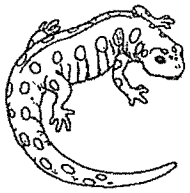
2 Henry touched a mimosa plant. He noticed that the leaves of the plant closed.



Which characteristic of living things does this represent?

(1) All living things grow.
(2) All living things reproduce.
(3) All living things respond to changes around them.
(4) All living things need air, food and water to survive.

3 Chloe saw an animal near her house.



She made the following observations:

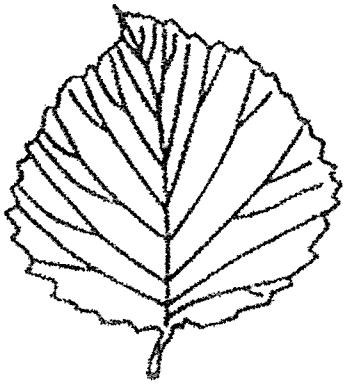
- It has moist skin.
- It reproduces by laying eggs.
- It can live on land and in water.

Which animal group does this animal belong to?

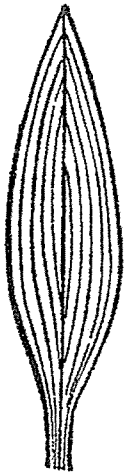
(1) Fish
(2) Reptile
(3) Mammal
(4) Amphibian

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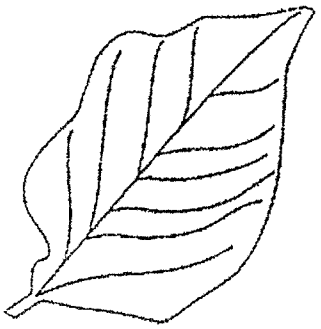
4 Study the pictures of the leaves A, B and C.



Leaf A



Leaf B



Leaf C

Which statement about the leaves is correct?

(1) All the leaves have network veins.

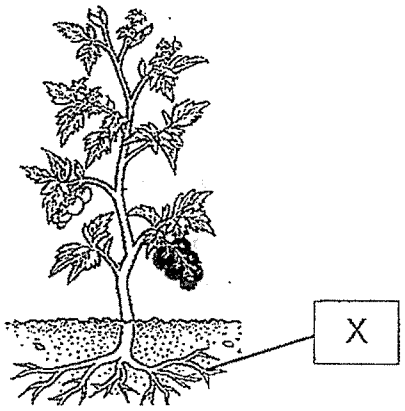
(2) All the leaves have straight edges.

(3) Both Leaf A and Leaf C have jagged edge, but not Leaf B.

(4) Both Leaf A and Leaf C have network veins, but not Leaf B.

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5 Study the picture below.



Which of the following is/are function(s) of part X?

A To make food by trapping light
B Absorb water and mineral salts
C Hold the plant upright to get light
D Hold the plant firmly to the ground

(1) B only
(2) B and D
(3) A, B and C
(4) B, C and D

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Section B: Knowledge Application (Open-Ended Questions)

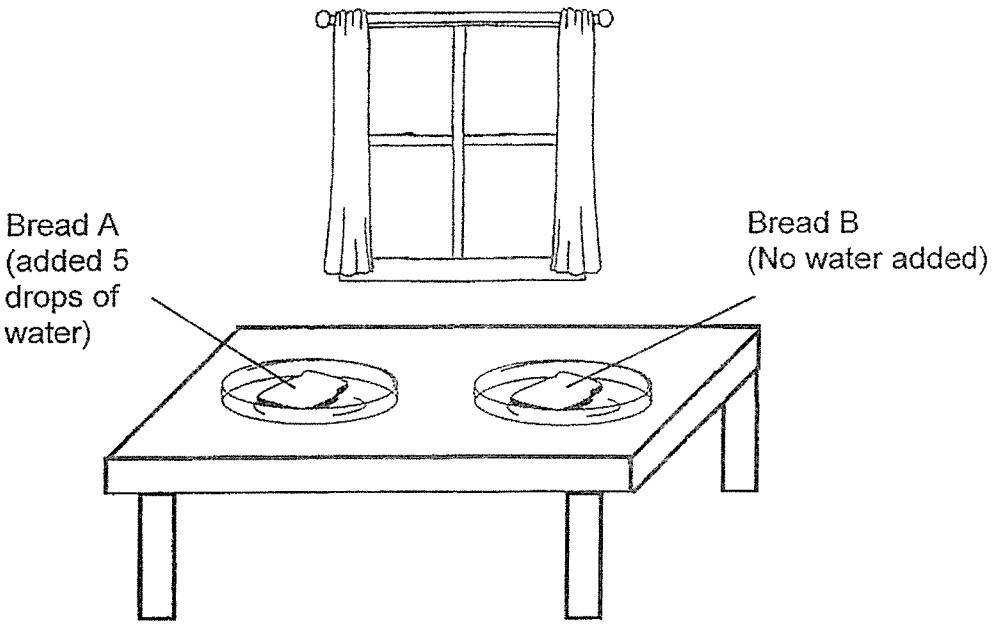
For questions 6 and 7, write your answers in the spaces provided. The number of marks available is shown in brackets [ ] at the end of each question or part question.

[5]

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6 Keith wanted to carry out an experiment to find out if mould needs light to grow.

He prepared two slices of bread as shown in the set-up below.



Suggest two changes to the set-up to achieve the aim of his experiment. [2]

Change 1: _____

_____

_____

Change 2: _____

_____

_____

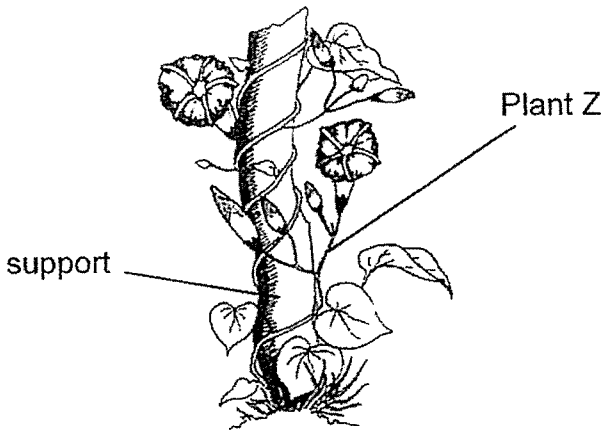
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7 The table below shows the characteristics of three different plants, A, B and C.

Characteristics	Plant A	Plant B	Plant C
Lives on land	✓	✓	✓
Has a strong stem			✓
Has spores	✓		

(a) State one similarity between Plant A and Plant B. [1]

Study Plant Z below. Using the information provided, answer the question below.



(b) Does Plant Z have the same characteristics as Plant C? Explain why. [2]

End of Paper

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ANSWER KEY

YEAR : 2024
LEVEL : PRIMARY 4
SCHOOL : ACSP
SUBJECT : SCIENCE
TERM : WA 1

SECTION A

Q1	3	Q2	3	Q3	4	Q4	4	Q5	2

SECTION B

Q6	Change 1 : Add/on equel amount of water to each slice of bread by adding fire drops of water on bread B Change 2 : cover one slice of bread with a towel so ensure it has no light.
Q7	a) Plant A and B both live on land. b) No. Plant C does not have the same characteristics as Plant Z as Plant C has a strong stem while Plant Z does not. So it needs a support.

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