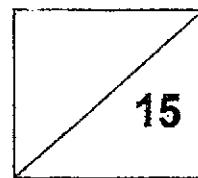




Anglo-Chinese School  
(Primary)  
A Methodist Institution  
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**2024 P4 Science  
Weighted Assessment 1**

Name: \_\_\_\_\_ ( ) Date: 20 Feb 2024

Class: P4 \_\_\_\_\_ Duration: 20 minutes

**Optical Answer Sheet**

1
2
3
4
5

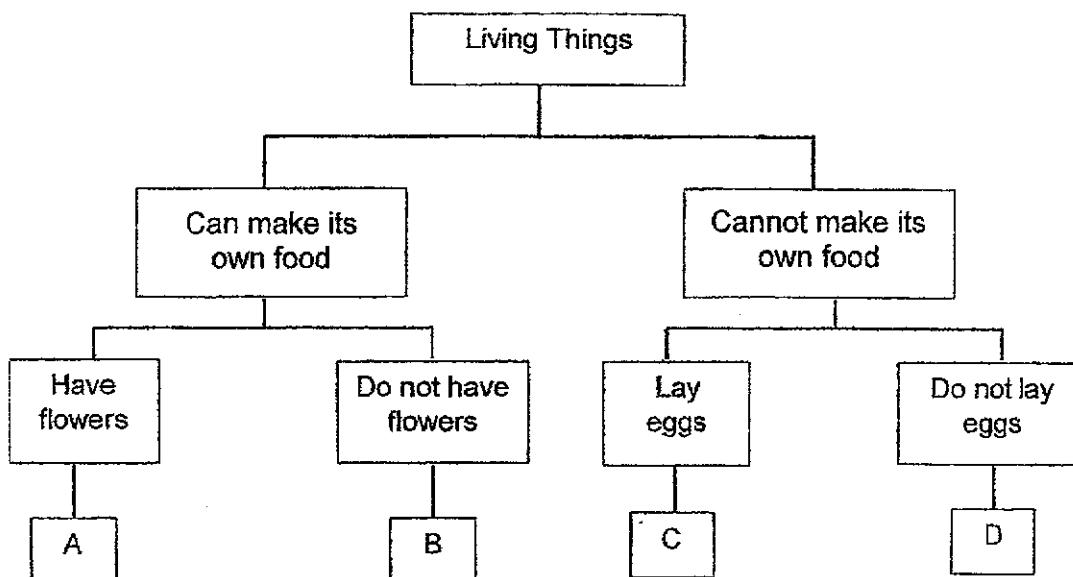


**Section A: Knowledge Application (Multiple-Choice Questions)**

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]

- 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.

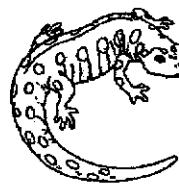
- 2 Henry touched a mimosa plant. He noticed that the leaves of the plant closed.



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.



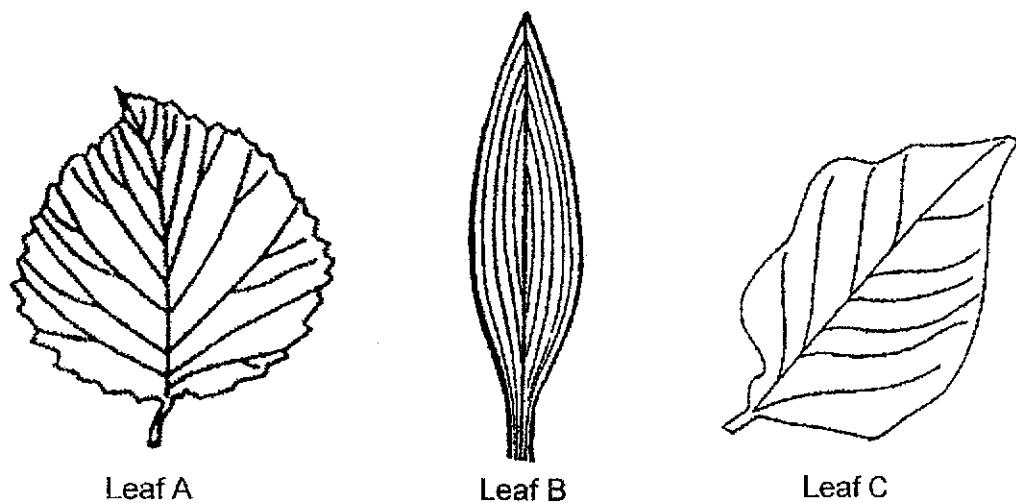
She made the following observations:

- 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

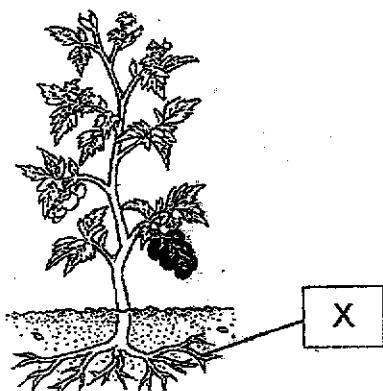
4 Study the pictures of the leaves A, B and C.



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.

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

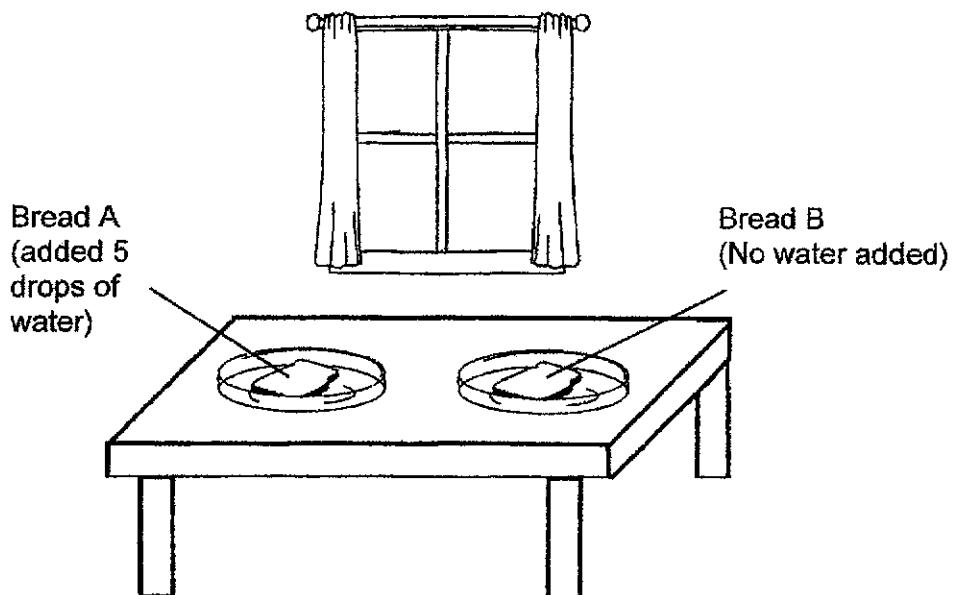
- (1) B only
- (2) B and D
- (3) A, B and C
- (4) B, C and D

**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]

- 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:

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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	✓		

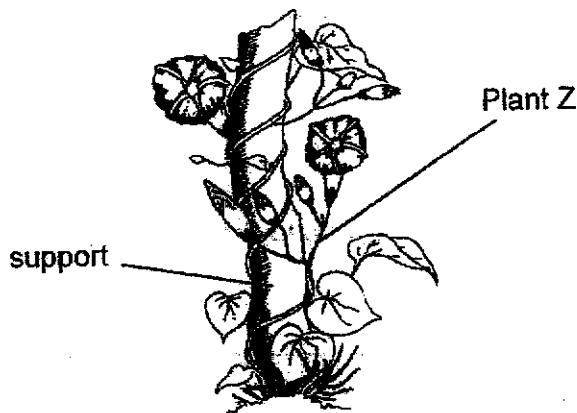
- (a) State one similarity between Plant A and Plant B. [1]

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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]

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**End of Paper**

## 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
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### SECTION B

Q6	Change 1 : Add an equal amount of water to each slice of bread by adding five 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 X as Plant C has a strong stem while Plant Z does not. So it needs a support.

END

