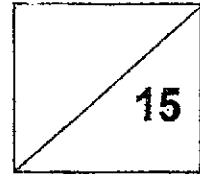




Anglo-Chinese School
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**2024 P4 Science
Weighted Assessment 1**

Name: _____ ()

Date: 20 Feb 2024

Class: P4 _____

Duration: 20 minutes

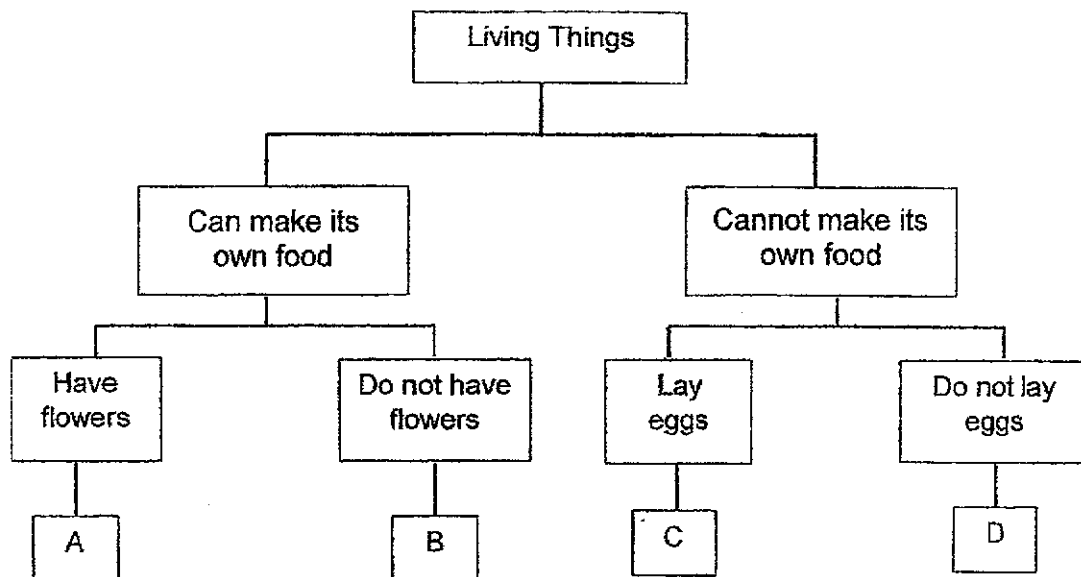
Optical Answer Sheet

| |
|---|
| 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.



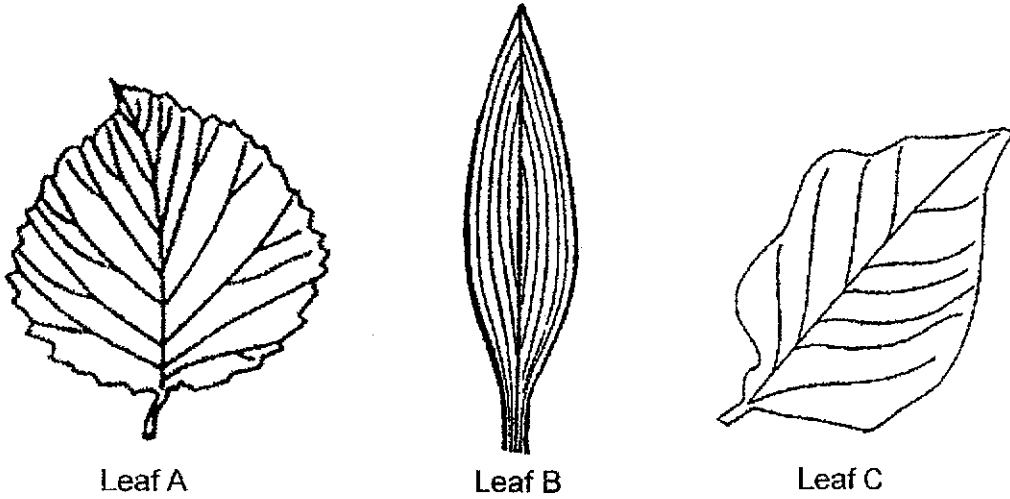
She made the following observations:

- 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

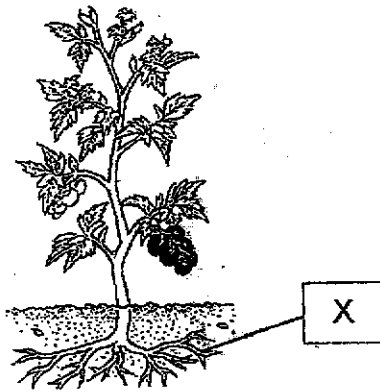
- 4 Study the pictures of the leaves A, B and C.



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

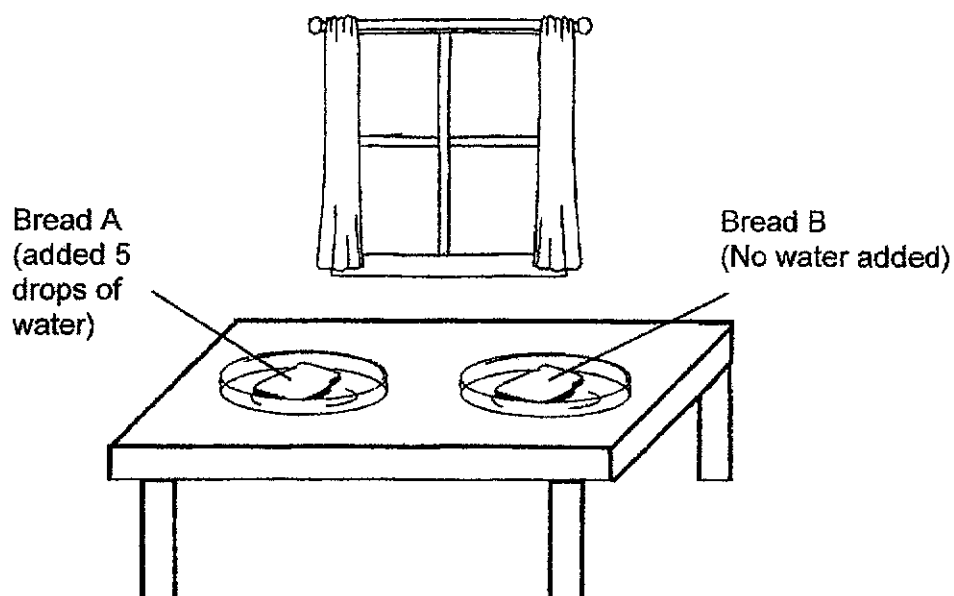
- (1) B only
- (2) B and D
- (3) A, B and C
- (4) B, C and D

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:

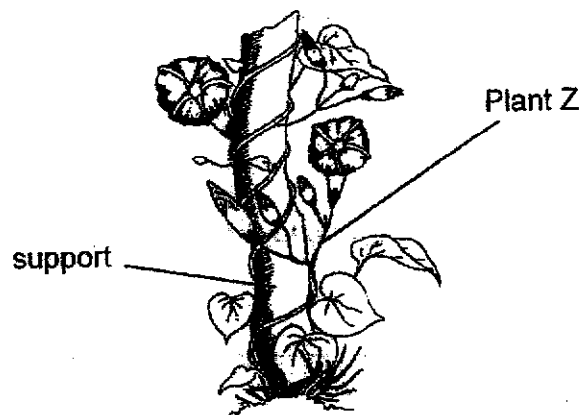
Change 2:

- 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

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 | <p>Change 1 : Add an equal amount of water to each slice of bread by adding five drops of water on bread-B</p> <p>Change 2 : cover one slice of bread with a towel so ensure it has no light.</p> |
| Q7 | <p>a) Plant A and B both live on land.</p> <p>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.</p> |

