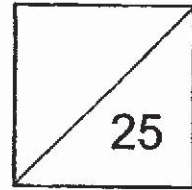


**HENRY PARK PRIMARY SCHOOL
TERM REVIEW 2019
PRIMARY 4 SCIENCE**



Name: _____ () Date: _____

Class: Pr 4 _____ Parent's Signature: _____

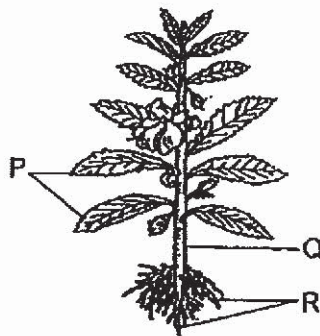
Duration: 40 minutes

Section A: Multiple-Choice Questions (14 marks)

For each question from 1 to 7, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4) and write the correct answer (1, 2, 3 or 4) in the table provided.

| Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 |
|----|----|----|----|----|----|----|
| | | | | | | |

1. The diagram below shows a plant with different parts.



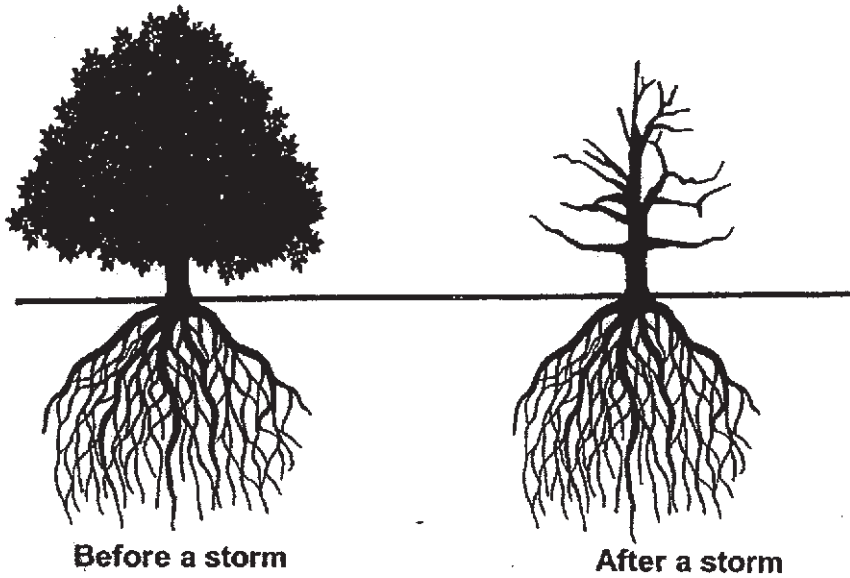
These parts can perform the following functions:

- A Reproduce new plants.
- B Make food for the plant.
- C Take in and give out gases.
- D Absorb water and minerals.

Which of the following **best** describes the function of P?

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

2. The diagrams below show a tree before and after a storm.



3 students explained why the tree remained standing and did not topple after the storm.

Jane: The roots held the tree firmly to the ground.

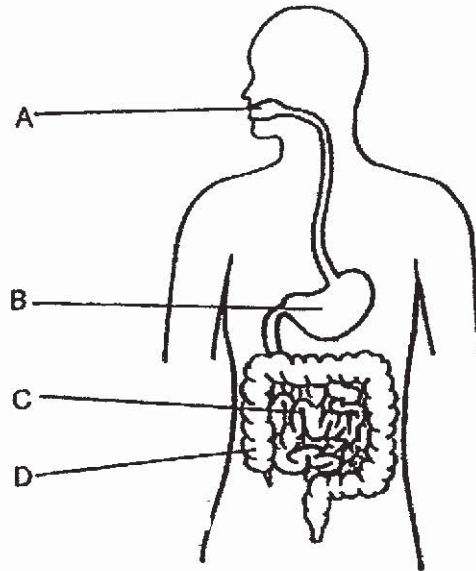
Samy: The leaves on the tree blocked the wind.

Ming: The tree had a strong and thick stem.

Which of the following student(s) has / have made the correct explanation?

- (1) Jane only
- (2) Ming only
- (3) Samy and Ming only
- (4) Jane, Samy and Ming only

3. The diagram below shows four organs in our human digestive system.

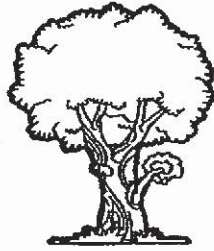


In which of the following organs is digestion completed?

- (1) A
- (2) B
- (3) C
- (4) D

4. Look at organisms X and Y below.

Organism X



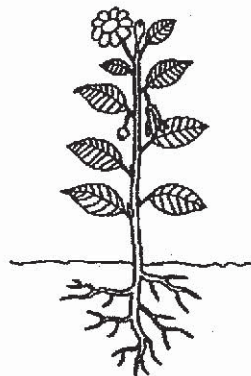
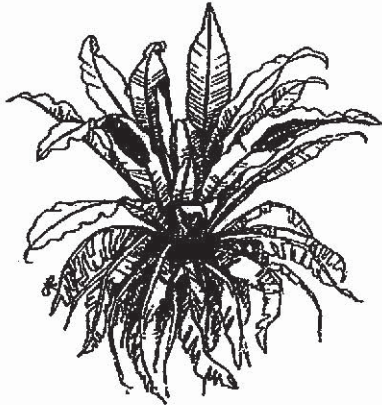
Organism Y



Which one of the following correctly shows the difference between the two organisms?

| | Organism X | Organism Y |
|-----|--|---|
| (1) | Can reproduce | Cannot reproduce |
| (2) | Can respond to changes | Cannot respond to changes |
| (3) | Unable to grow | Able to grow |
| (4) | Cannot move from one place to another on its own | Can move from one place to another on its own |

5. Study at the two plants shown below.

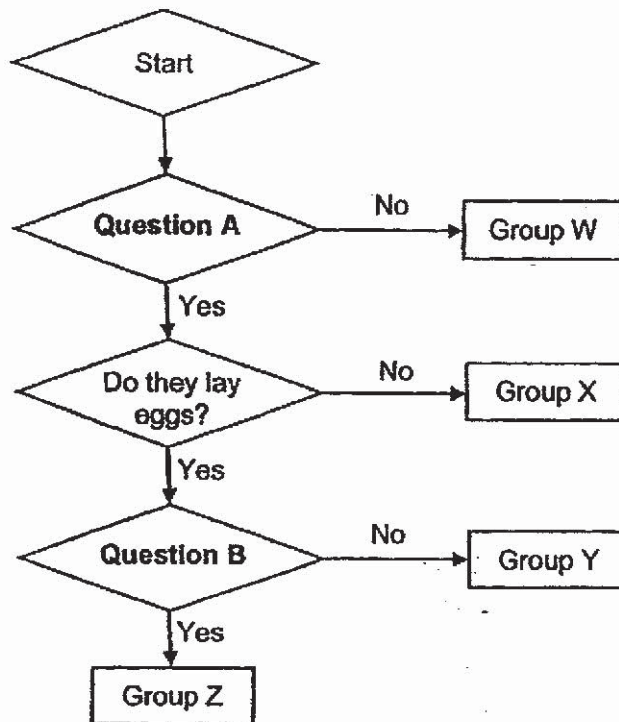


Which statement(s) about the similarity between the two plants is / are correct?

- A Both plants can bear fruits.
- B Both plants can make their own food.
- C Both plants can reproduce from seed.

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

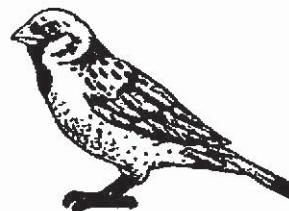
6. The flowchart below shows how some animals are grouped.



Animals G and H as shown in the diagram below are placed in Group Y.



Animal G

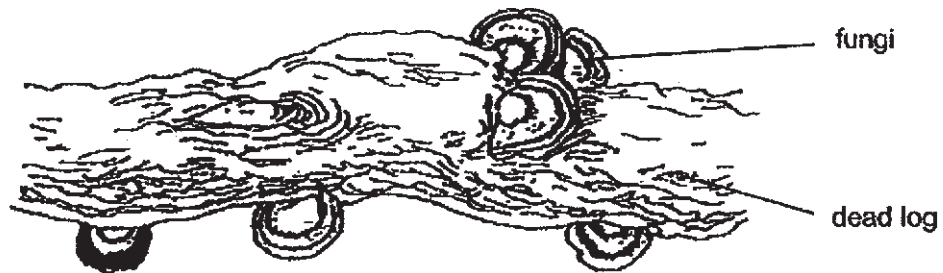


Animal H

What of the following questions A and B are correct?

| | Question A | Question B |
|-----|---------------------------------------|---------------------------------------|
| (1) | Do they have wings? | Do they produce milk for their young? |
| (2) | Do they produce milk for their young? | Do they have wings? |
| (3) | Do they have wings? | Do they have feathers? |
| (4) | Do they have feathers? | Do they have wings? |

7. The picture below shows some fungi growing on a dead log.



The following are possible reasons why fungi grows on the dead log.

- A Provides food for fungi.
- B Helps fungi to make food.
- C Moves it from place to place.

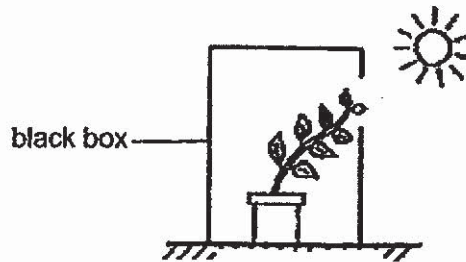
Which of the following is / are the correct reason(s) why the dead log is important to the fungi?

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

Section B: Open-Ended Questions (11 marks)

For questions 8 to 12, write your answers in the spaces provided.

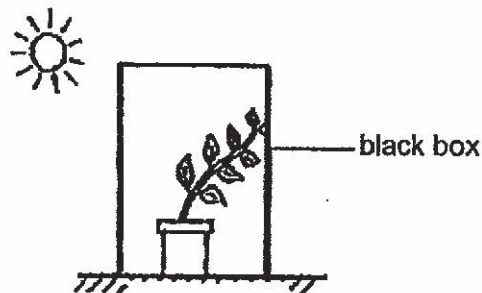
8. Plant A was placed in a black box with an opening as shown below. After 2 weeks, Plant A bent towards the opening of the box.



- (a) Explain why plant A bent towards the opening of the box.

[1]

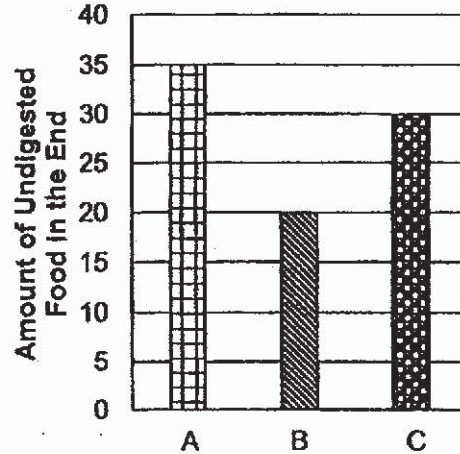
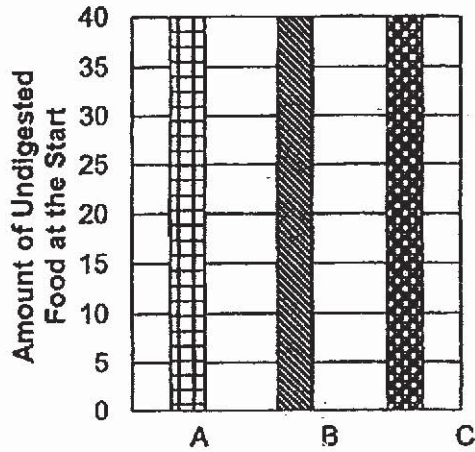
Ling removed plant A from the first black box. She placed it in another black box without an opening as shown below.



- (b) What would you observe about plant A after 2 weeks?

[1]

9. The graphs below shows the changes in the amount of three different types of undigested food, A, B and C in our digestive system at the start and end of a period of time.



- (a) Based on the information given in the graphs, which type of undigested food was easiest to digest? [1]

- (b) Explain your answer in (a). [1]

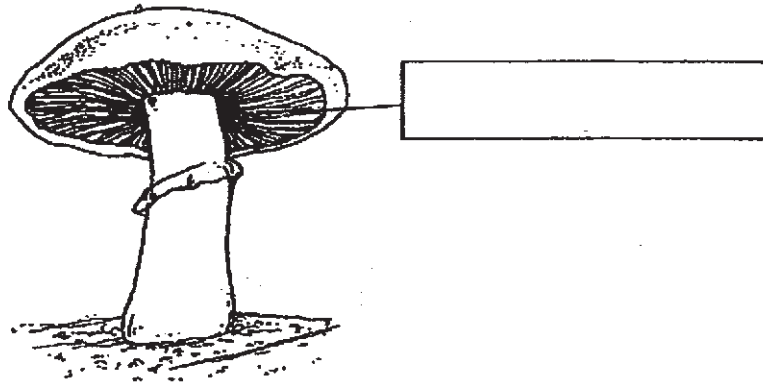
10. The table below shows the characteristics of 4 animals, A, B, C and D.
(✓) means the animal has the characteristic and (x) means it does not.

| Animal | Has fins | Has hair on its body | Lay eggs | Live in water |
|--------|----------|----------------------|----------|---------------|
| A | x | ✓ | ✓ | x |
| B | ✓ | ✓ | x | x |
| C | ✓ | x | ✓ | ✓ |
| D | x | ✓ | x | ✓ |

- (a) Based on the information given in the table, name one difference between animal A and animal D. [1]

- (b) Based on the information given in the table, give one similarity between animal B and animal C. [1]

11. The diagram below shows Organism A.

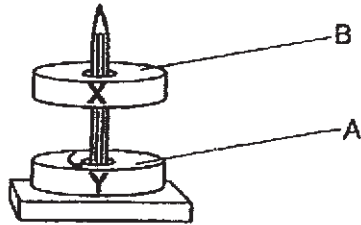


Organism A

(a) Label the part shown above. Write your answer in the box provided. [1]

(b) Why is organism A not a plant? [1]

12. The diagram below shows Magnet X and Magnet Y. They are put through a wooden pencil. Magnet X floated above Magnet Y.



- (a) A is the south pole of the Magnet Y. What is pole B of Magnet X? [1]

- (b) Claire removed Magnet X and turned it around. Pole B is now facing Pole A. Would Magnet X still float above Magnet Y as shown in the picture above? Explain why. [2]

SCHOOL : HENRY PARK PRIMARY SCHOOL

LEVEL : PRIMARY 4

SUBJECT : SCIENCE

TERM : 2019 CA1

SECTION A

| Q 1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 |
|-----|----|----|----|----|----|----|
| 3 | 1 | 3 | 4 | 2 | 1 | 1 |

SECTION B

| | |
|------|---|
| Q8) | a)The plant bends to get receive obtain sunlight / light to make food. b)Plant A would die. There is no sunlight in the black box so the plant cannot make food and it will starve to death. |
| Q9) | a)Type food B. b)Among the three types of food, type food B digested the fastest. |
| Q10) | a)Animal A lays eggs but animal D does not lay eggs. b)Both animals have fins. |
| Q11) | a)spores b)Organism A is not a plant because it cannot make its own food but plants can make its own food. |
| Q12) | a)The pole B of the magnet is north. b)It will not be still floating above Magnet Y as shown in the picture because north and south pole with attract instead of repel. |

