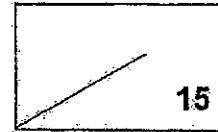


**NANYANG PRIMARY SCHOOL**  
**Term 2 Weighted Assessment**  
**Science**  
**Primary 3**



Name: \_\_\_\_\_ (    )      Date: \_\_\_\_\_

Class: 3 \_\_\_\_\_      Parent's signature: \_\_\_\_\_

**Dear Parent/Guardian,**

**Please sign the Weighted Assessment paper and have your child/ward return it the next day. Any query should be raised at the same time when returning the paper.**

**Section A: Multiple Choice Questions (10 marks)**

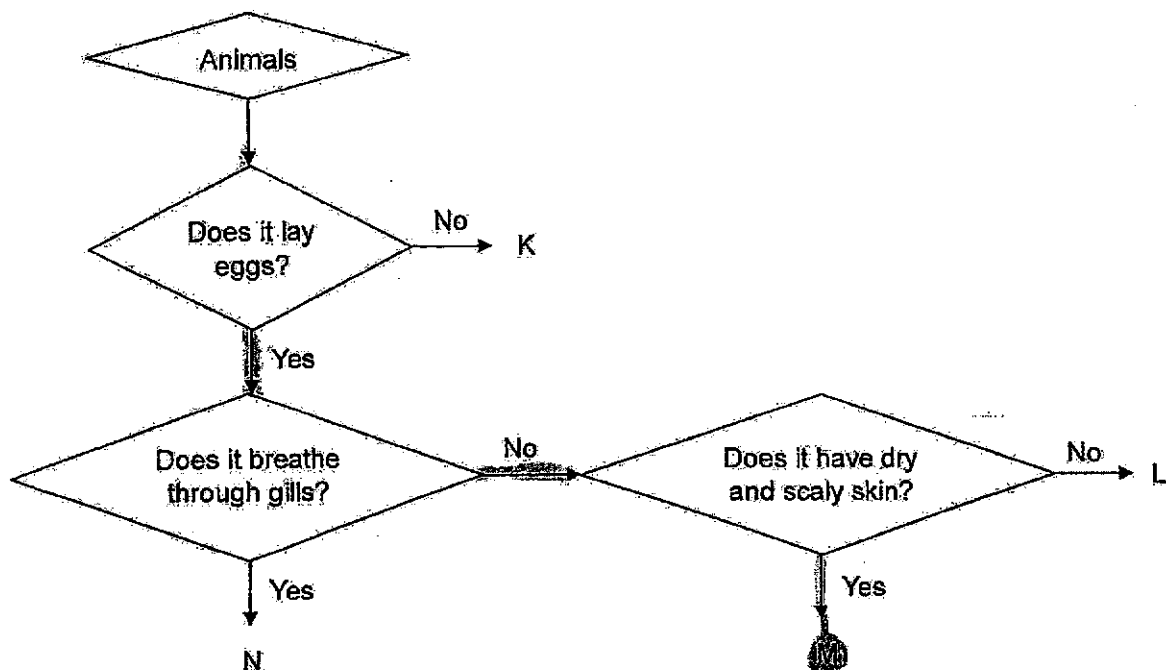
*For each question from 1 to 5, four options (1, 2, 3 and 4) are given. One of them is the correct answer. Indicate your choice in the brackets provided.*

1. Which characteristic is found in both insects and birds?
- (1) Both animals have six legs.
  - (2) Both animals have three body parts.
  - (3) Both animals reproduce by laying eggs.
  - (4) Both animals have the same type of outer covering.

(    )



2. Study the flowchart below.



Based on the flowchart above, which letter, K, L, M or N, best represents reptiles?

- (1) K
- (2) L
- (3) M
- (4) N

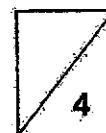
( )

3. Which of the following statement(s) is/are correct about all bacteria and fungi?

- A Both can make its own food.
- B Both can be useful or harmful to us.
- C Both do not need air, food and water to survive.

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

( )



4. The table below shows the properties of four materials, J, K, L and M.

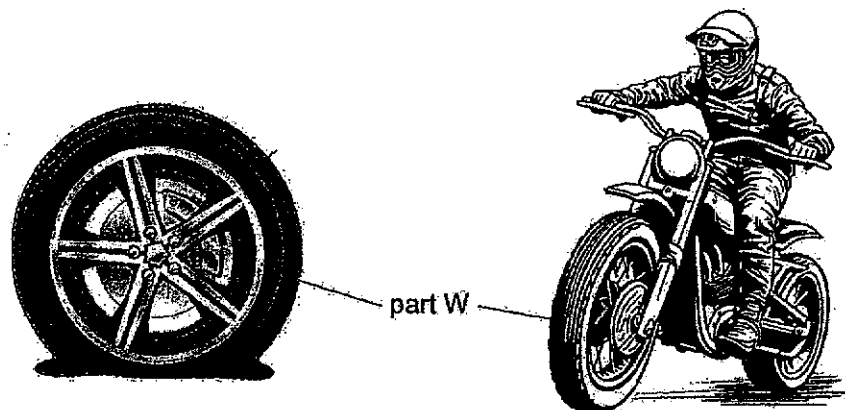
| Property                                     | Material J | Material K | Material L | Material M |
|----------------------------------------------|------------|------------|------------|------------|
| Is it strong?                                | No         | Yes        | Yes        | Yes        |
| Is it flexible?                              | No         | Yes        | No         | Yes        |
| Does it allow most light to pass through it? | Yes        | Yes        | Yes        | No ✓       |

Based on the properties above, which material is most suitable for making a pair of school shorts?

- (1) Material J
- (2) Material K
- (3) Material L
- (4) Material M

( )

5. The diagram below shows a wheel. Air must be pumped into part W before it is used as part of the vehicle.



Which of the following properties of part W must be present to allow users to move easily over rocky and rough surfaces?

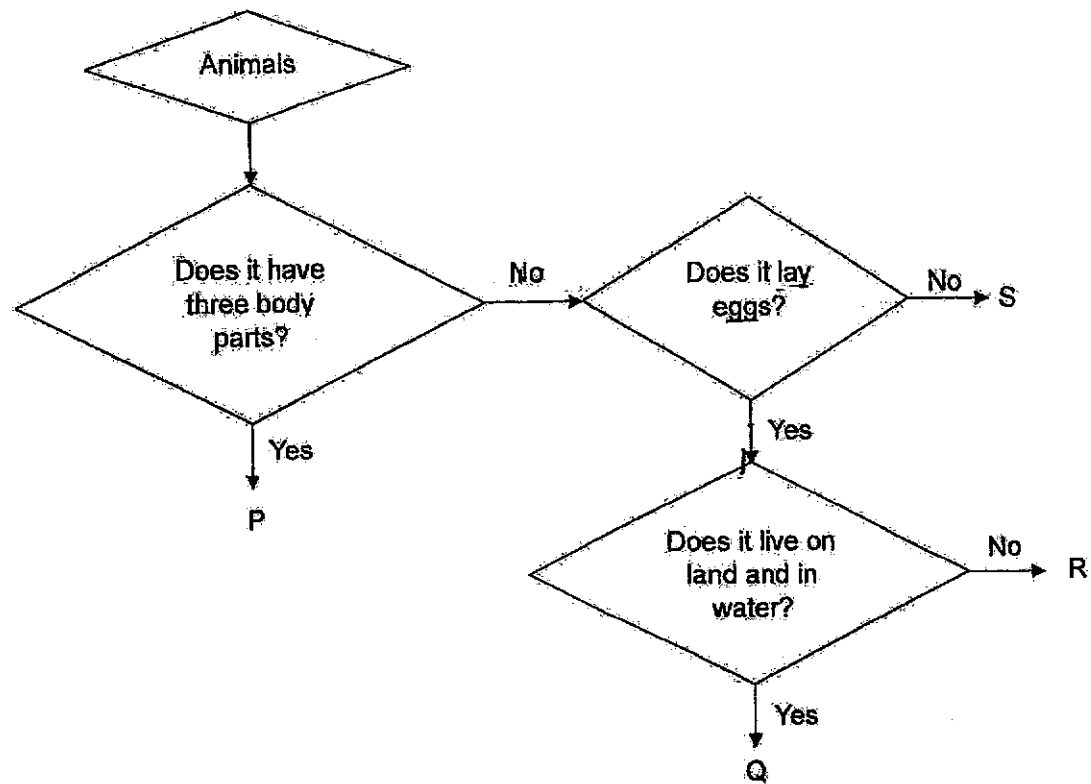
- (1) W must be strong and flexible.
- (2) W must be strong and can float on water.
- (3) W must be strong and allows light to pass through.
- (4) W must be flexible and allows most light to pass through.

( )

**Section B: Open-Ended Questions (5 marks)**

For questions 6 and 7, fill in your answers in the spaces provided.

6. The flow chart below shows how some animals are classified.



(a) Based only on the flow chart above, state ~~all~~ the similar characteristics of animals Q and R. [1]

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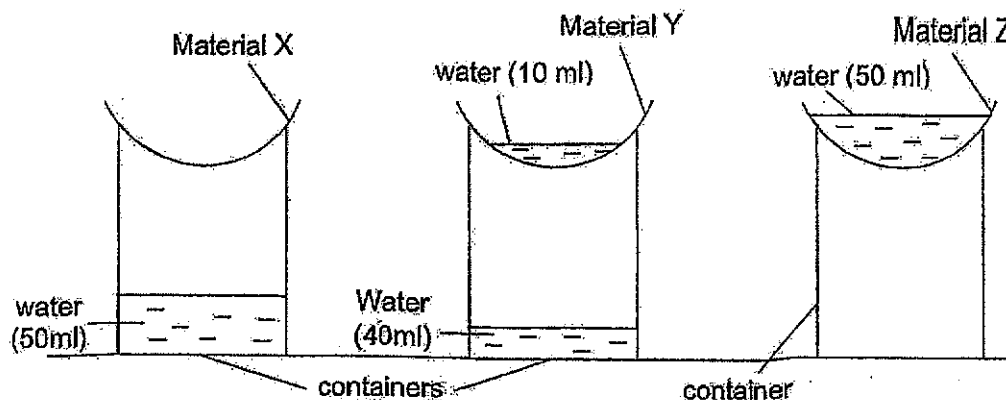
(b) Based only on the flow chart above, state ~~the~~ difference between animals P and S. [1]

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7. Eric wanted to find out which material is most suitable to make a raincoat. He placed similar sheets of materials X, Y and Z over three similar containers. He then poured 50 ml of water onto each material.



10 minutes later, the amount of water collected in each container is shown as below.

|            | Amount of water poured onto the material (ml) | Amount of water collected in the container (ml) |
|------------|-----------------------------------------------|-------------------------------------------------|
| Material X | 50                                            | 50                                              |
| Material Y | 50                                            | 40                                              |
| Material Z | 50                                            | 0                                               |

- (a) Based on the results above, which material, X, Y or Z, is most suitable to make a raincoat? Explain your answer. [2]

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Eric used one of the materials to make a float. Air must be blown into the float before it can keep children afloat in the water.



(b) Give a reason why the float must be strong.

[1]

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- End of Paper -



**Nanyang Primary School**  
**P3 SCIENCE WA2 2024**  
**Answer Key**

**Section A**

| Qn | Answer |
|----|--------|
| 1  | 3      |
| 2  | 3      |
| 3  | 1      |
| 4  | 4      |
| 5  | 1      |

**Section B**

| Qn  | Answer                                                                                                                                           |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------|
| 6a. | (Both) Q and R lay eggs and do not have 3 body parts.                                                                                            |
| 6b. | P has 3 body parts but S does not have 3 body parts.                                                                                             |
| 7a. | M: Z<br>P: It is waterproof as it collects the least amount of water in the container<br>F: A raincoat helps the user to stay dry on a rainy day |
| 7b. | The float must be able to support the child's weight without bursting easily.                                                                    |

