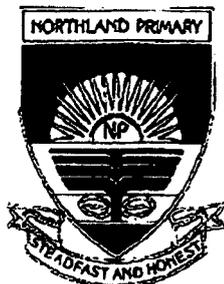


# Northland Primary School



## Weighted Assessment 2 Science Primary Three

Name: \_\_\_\_\_ (

Class: P3 \_\_\_\_\_

Date: 25 July 2025

Total duration for Sections A & B: 40 minutes

### INSTRUCTIONS TO CANDIDATES

1. Do not turn over this page until you are told to do so.
2. Follow all instructions carefully.
3. Answer all questions.
4. Write your answers in this booklet.

This booklet consists of 7 printed pages.

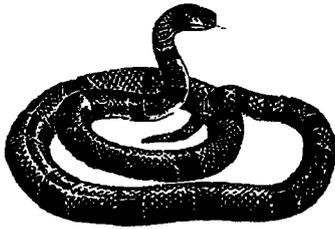
Section A	14
Section B	8
Total	22

Parent's Signature: \_\_\_\_\_

**Section A [7 x 2 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 your answer in the bracket provided.

1 The diagrams show two animals.



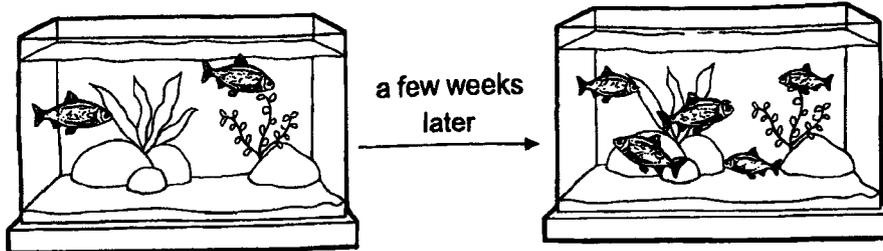
reptile



amphibian

Which is a similar characteristic of a reptile and an amphibian?

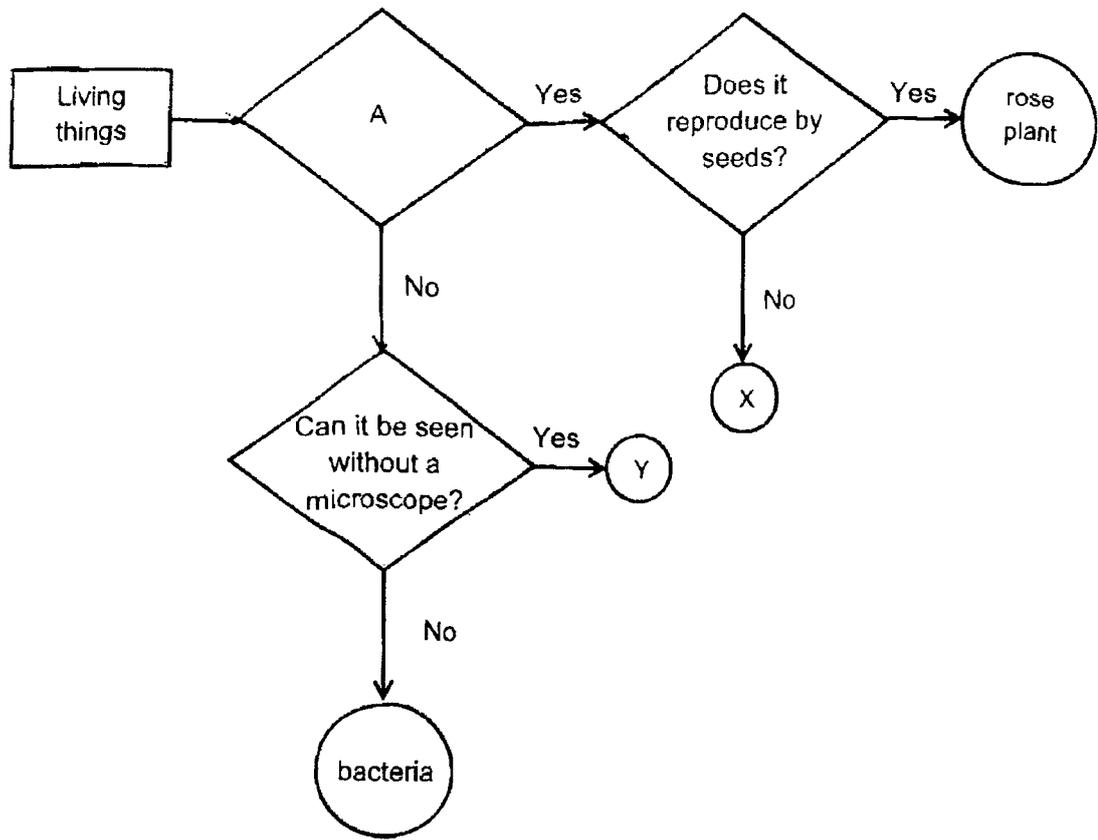
- (1) Both lay eggs.  
 (2) Both live on land only.  
 (3) Both have scales on their body.  
 (4) Both can breathe using their moist skin. ( )
- 2 David put two fish in a tank. After a few weeks, he observed that the number of fish in the tank changed as shown.



Which characteristic of living things best describes the observation?

- (1) Living things grow.  
 (2) Living things need food.  
 (3) Living things reproduce.  
 (4) Living things respond to changes. ( )

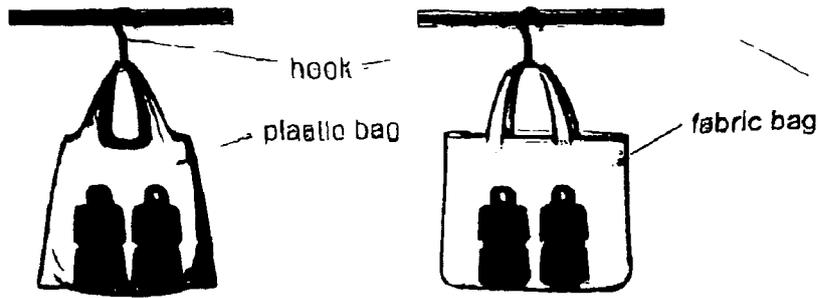
3 Study the flowchart.



Which of the following best represents letters A, X and Y?

	A	X	
(1)	Can it make food?	fern	mushroom
(2)	Can it make food?	mushroom	fern
(3)	Can it reproduce?	fern	mushroom
(4)	Can it reproduce?	mushroom	fern

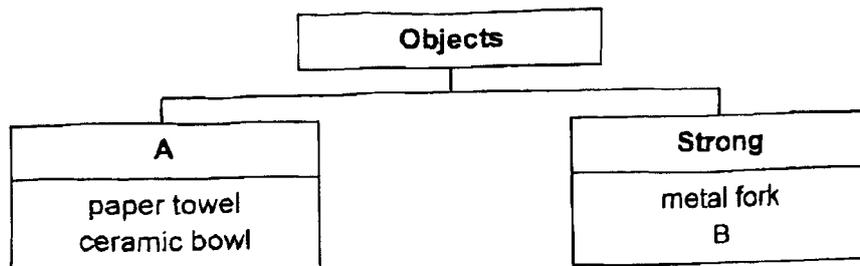
- 4 Ahmed wanted to compare the strength of his plastic bag and fabric bag of similar size. He kept on adding weights until one of the bags broke.



In this experiment, what was the changed variable?

- (1) type of hook
- (2) size of the bags
- (3) material of the bags
- (4) mass of the weights ( )

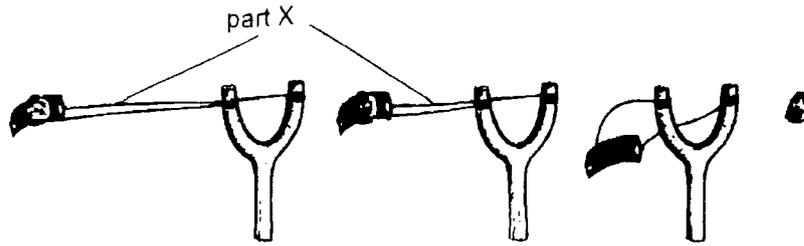
- 5 Study the classification chart.



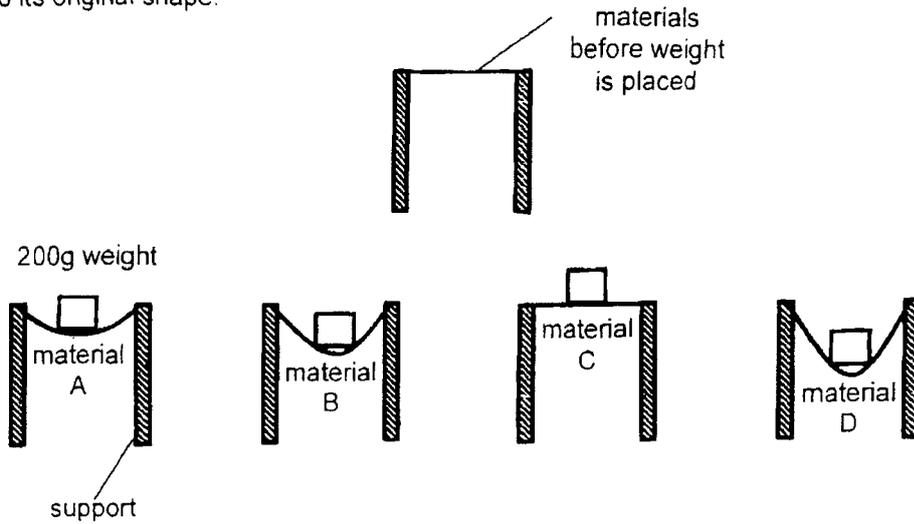
Which option correctly represent A and B?

	A	B
(1)	Break or tear easily	paper plate
(2)	Bend easily	metal spoon
(3)	Break or tear easily	wooden chair
(4)	Bend easily	plastic bag

6 Ryan wanted to find a suitable material for part X to make a slingshot as shown.



Ryan set up an experiment using different materials of similar thickness and length. A, B, C and D. He put the materials over two supports and placed 200g weights in the middle of each material. The different materials bent as shown before returning to its original shape.

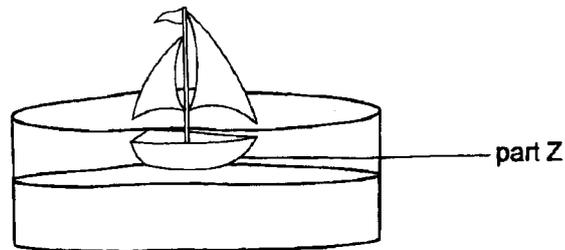


Which material should Ryan use for part X to make the slingshot go furthest back?

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

7. The table shows the properties of four materials, P, Q, R and S.

Property	P	Q	R	S
Is it strong?	Yes	Yes	Yes	No
Can it float on water?	No	Yes	Yes	No
Does it allow water to pass through?	No	No	Yes	Yes



Based on the properties above, which material is most suitable for making part Z of the above toy boat?

- (1) P
- (2) Q
- (3) R
- (4) S

(      )

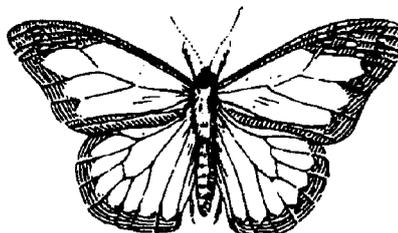
**Section B [8 marks]**

For questions 8 to 10, write your answers in the spaces provided. The number of marks awarded is shown in brackets [ ] at the end of each question or part-question.

8 Study the diagrams.



animal A



animal B

- (a) Based on what you can observe from the diagrams, name one similar characteristic between animal A and animal B. [1]

\_\_\_\_\_

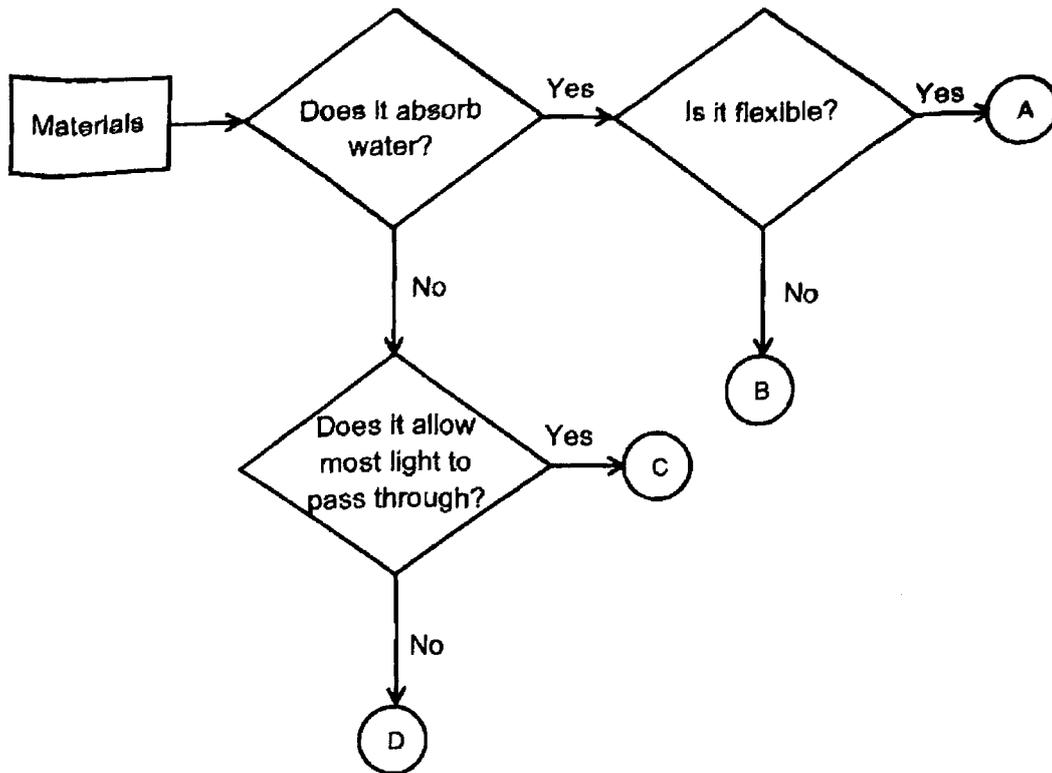
- (b) Which group of animal does animal A belong to? [1]

- (c) Give a reason for your answer in (b). [1]

\_\_\_\_\_

Score	3
-------	---

9 Study the flowchart.

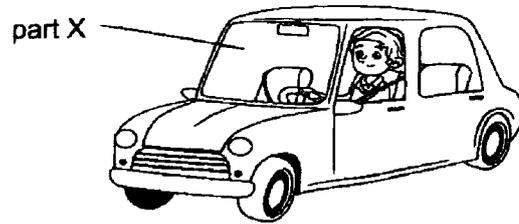


(a) Based on the flowchart, state two characteristics of material B. [1]

---



---



(b) Which material, A, B, C or D, is the most suitable to make part X of the car? Explain your answer. [2]

---



---

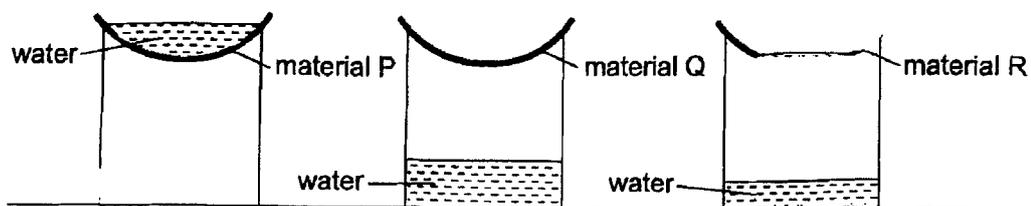
Score	3
-------	---

- 10 Ethan wanted to find out which material is most suitable to make a raincoat.



He placed similar sheets of material P, Q and R over three similar containers. He then poured same amount of water onto each material.

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



Which material, P, Q or R, should Ethan use to make the raincoat? Explain your answer. [2]

---



---

Score	2
-------	---

End of Paper



**Section A**

Question	Answer
1	1
2	3
3	1
4	3
5	3
6	4
7	2

**Section B**

- 8(a) They both have wings.
- 8(b) Birds
- 8(c) It is because A has feathers like birds.
- 9(a) It absorbs water and is not flexible.
- 9(b) C because it is transparent so that the user can see what is in front of them and they do not get wet.
- 10 P because it is waterproof and does not absorb the most water among the rest so that the user can stay dry.

