WA1

MARIS STELLA HIGH SCHOOL (PRIMARY)

TERM 1 NON-WEIGHTED ASSESSMENT

P4 SCIENCE

2025

NAME: _____ ( )

CLASS: Primary 4 ( )

13 questions

30 marks

Total Time: 30 min

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

FOLLOW ALL INSTRUCTIONS CAREFULLY.

Total: _____ / 30

Parent's Signature: _____

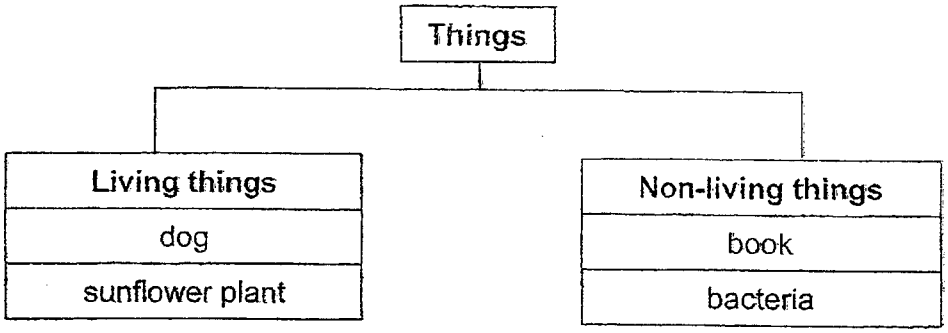
Downloaded from SingaKids.com

Downloaded from SingaKids.com

For each question from 1 to 10, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Write the number in the brackets provided. (20 marks)

---

1 Study the classification chart below.



Which thing is **not** classified correctly?

(1) dog
(2) book
(3) bacteria
(4) sunflower plant ( )

2 Which of the following is **not** a characteristic of an insect?

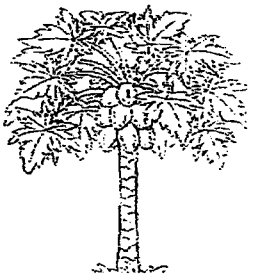
(1) It has six legs.
(2) It has a pair of wings.
(3) It has a pair of feelers.
(4) It has a three body parts. ( )

	4

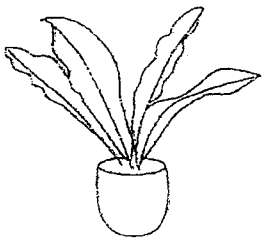
(Go on to the next page)

Downloaded from SingaKids.com

3 Study the two diagrams below.



papaya plant



bird's nest fern

The papaya plant and the bird's nest fern are similar because they _____.

A reproduce by seeds
B are non-flowering plants
C can make their own food

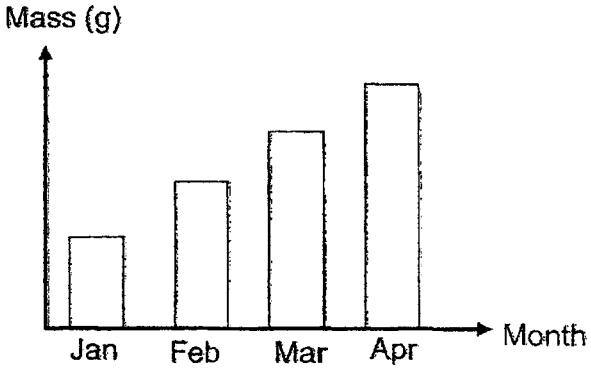
(1) A only

(2) C only

(3) B and C only

(4) A, B and C ( )

4 Hafiz measured the mass of P over a period of four months. He drew a graph based on his results as shown below.



What could P likely be?

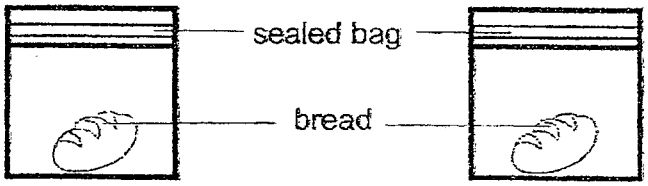
(1) cat
(2) robot
(3) pencil
(4) computer ( )

4

(Go on to the next page)

Downloaded from SingaKids.com

5 Mrs Ong carried out an experiment to find out if the amount of water on bread affects the growth of mould on it. She placed two pieces of bread in two identical bags, A and B, and sealed the bags.



The variables for his experiment are shown in the table below.

	Bag A	Bag B
Amount of water on bread (ml)	50	Q
Duration of experiment (days)	2	R

Which of the following should Q and R be to ensure a fair experiment?

	Q	R
(1)	0	3
(2)	20	2
(3)	20	3
(4)	50	2

( )

6 Which one of the following is **not** matter?

(1) air
(2) rice
(3) water
(4) shadow

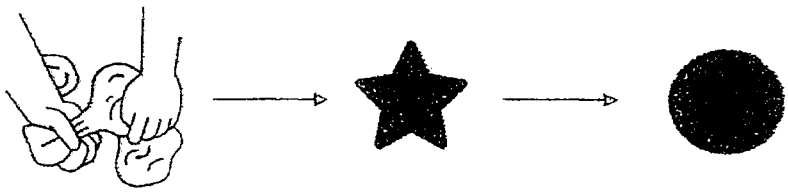
( )

	4

(Go on to the next page)

Downloaded from SingaKids.com

7 Samuel moulded a piece of plasticine into the shape of a star. Then, he used the same piece of plasticine to mould it into the shape of a ball.



Both the star and the ball have the same _____.

A mass
B shape
C volume

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

8 Weiming filled 200 ml of water into each of the three containers as shown below.



What can he conclude from the experiment?

(1) Water has mass.
(2) Water has no definite shape.
(3) Water cannot be compressed.
(4) Water has no definite volume. ( )

4

Downloaded from SingaKids.com

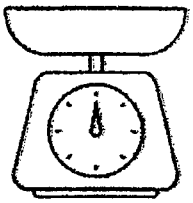
9 Which apparatus can be used to measure the mass of a pebble accurately?

(1) 

ruler

(2) 

measuring cylinder

(3) 

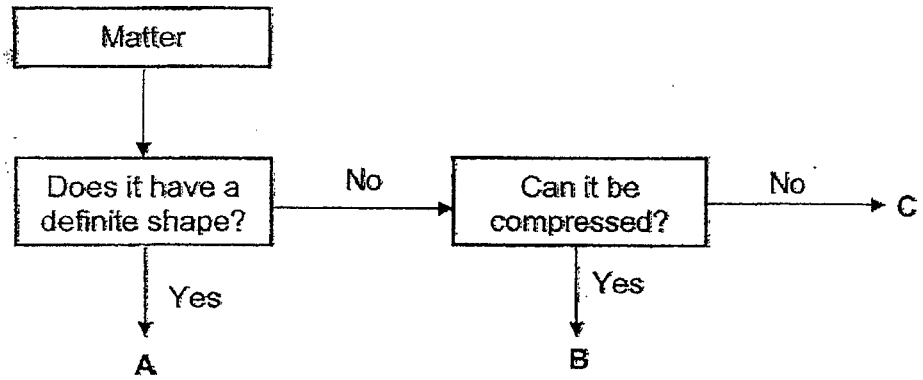
weighing balance

(4) 

beaker with water

( )

10 Study the flowchart below.



Which of the following correctly represents A, B and C?

	A	B	C
(1)	pencil	air	water
(2)	pencil	water	air
(3)	water	pencil	air
(4)	water	air	pencil

( )

4

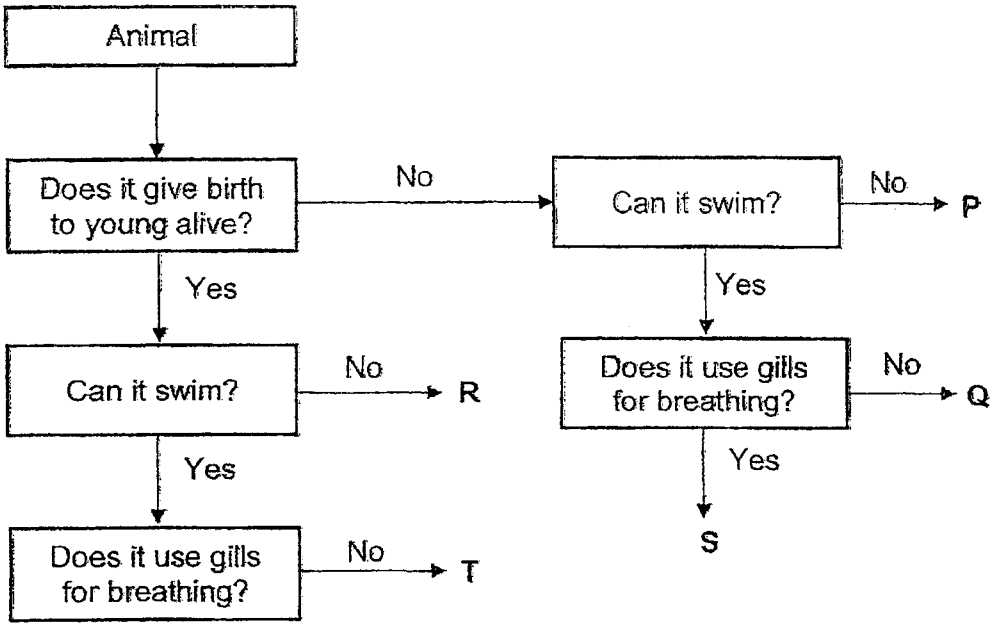
(Go on to the next page)

Downloaded from SingaKids.com

For questions 11 to 13, write your answers in this booklet. The number of marks available is shown in brackets [ ] at the end of each question or part question. (10 marks)

---

11 Study the flowchart below to answer the following questions.



(a) Give a reason why animal Q cannot be a mammal. [1]

(b) State one difference between animal S and animal T. [1]

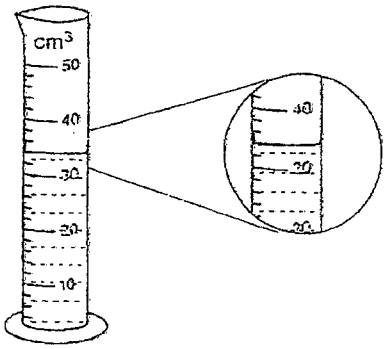
(c) State one similarity between animal P and animal R. [1]

3

(Go on to the next page)

Downloaded from SingaKids.com

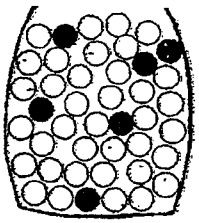
12 Jerome poured some water into the measuring cylinder as shown below.



(a) State the amount of water in the measuring cylinder. Include the correct units in your answer. [1]

(b) Jerome wanted to find out the volume of his marble. He observed that the water level increased when he placed it in the measuring cylinder. What property of matter did he observe? [1]

(c) Jerome wanted to place 100 glass marbles in a container that has a capacity of 100 cm^3. Each glass marble has a volume of 1 cm^3.



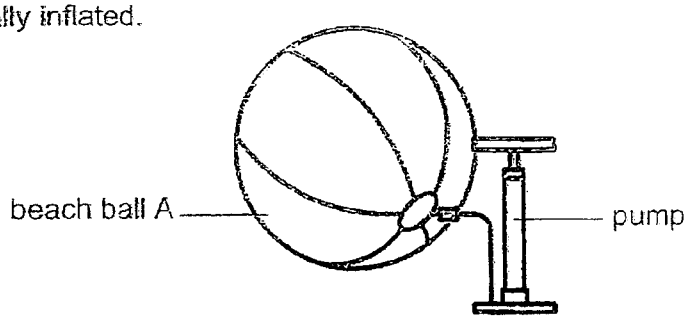
Jerome was unable to fit all the glass marbles in the container.
Explain why. [2]

4

(Go on to the next page)

Downloaded from SingaKids.com

13 Kumar pumped air into beach ball A that has a volume of 250 cm^3 as shown below until it is fully inflated.

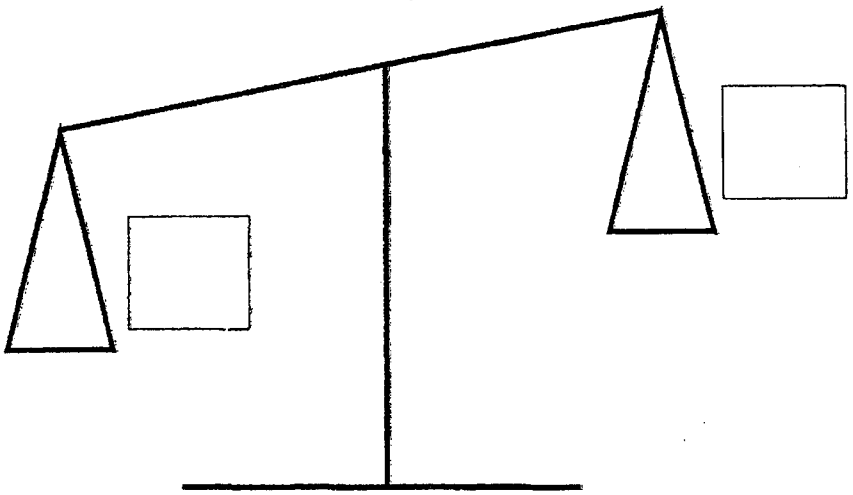


(a) Kumar continued to pump 20 cm^3 more of air so that the ball felt firmer. What is the final volume of air in the inflatable beach ball? [1]

	cm^3

(b) State the property of gas used to conclude the volume of air in **(a)**. [1]

(c) He was given another identical beach ball B that had no air in it. Fill in the boxes with **A** and **B** to indicate where beach balls A and B were placed for the beam balance to tilt in the way shown. [1]



End of Section B

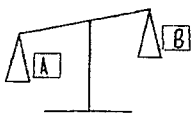
	3

(Go on to the next page)

Downloaded from SingaKids.com

YEAR : 2025
LEVEL : PRIMARY 4
SCHOOL : MARIS STELLA SCHOOL
SUBJECT : SCIENCE
TERM : TERM 1 NON-WEIGHTED ASSESSMENT

Q1	3	Q2	2	Q3	2	Q4	1	Q5	2
Q6	4	Q7	3	Q8	2	Q9	3	Q10	1

Q11	a) Animal Q cannot be a mammal because it does not give birth to young alive. b) Animal S gives birth to young alive but animal T does not. c) Both animal P and R cannot swim.
Q12	a) $34cm^3$ b) occupies space c) there are air spaces between the marbles, marbles have definite shape.
Q13	a) $270cm^3$ b) Air can be compressed  c)

END

Downloaded from SingaKids.com

Downloaded from SingaKids.com