NANYANG PRIMARY SCHOOL
Term 1 Weighted Assessment
Science
Primary 4

15

Name: _____( ) Date: _____

Class: 4____ 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 one of the following options consists of **non-matter** only?

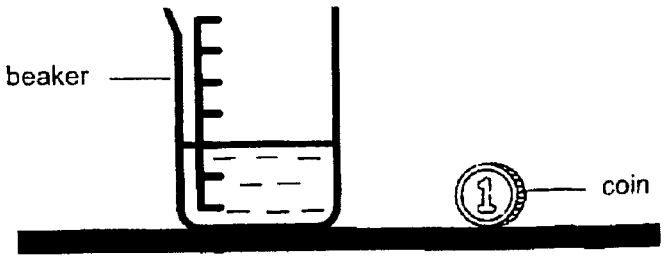
	Non-matter	
(1)	Thunder	Air
(2)	Wind	Lightning
(3)	Sunlight	Music
(4)	Saliva	Shadow

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2. Jasmine placed a coin into a beaker of water as shown below.



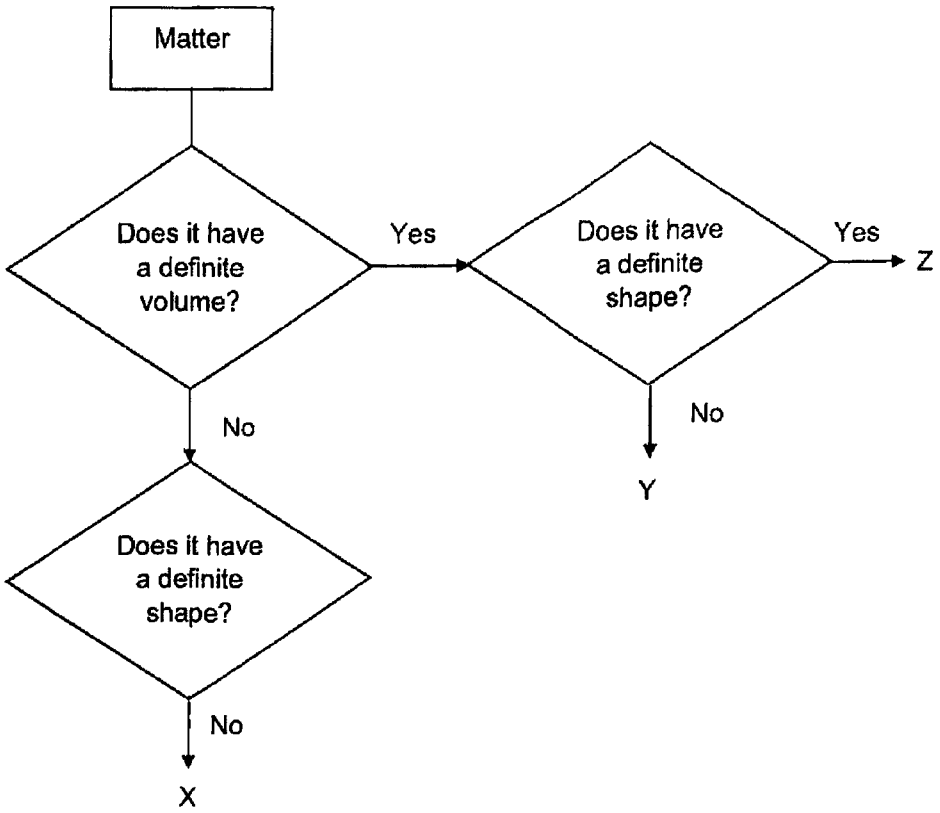
Which one of the following about the coin is correct?
(1) Both the shape and volume of the coin changed.
(2) Both the shape and volume of the coin did not change.
(3) The volume of the coin changed but the shape did not change.
(4) The shape of the coin changed but the volume did not change.

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3. The diagram below shows a flowchart.



Which of the following letters best represents orange juice?

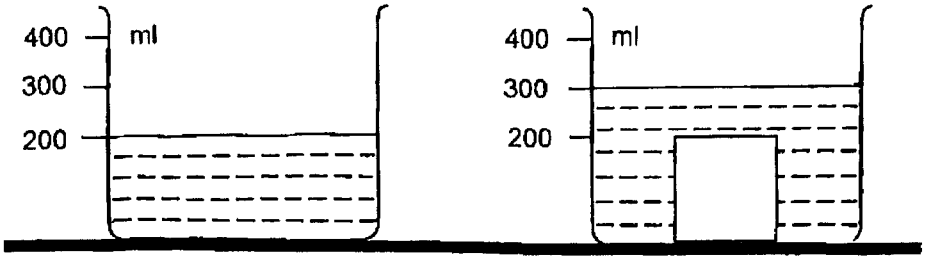
(1) X
(2) Y
(3) Z
(4) X and Y

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4. The diagram below shows the observations made before and after a cube is placed into a beaker of water.



Before the cube is placed into beaker

After the cube is placed into beaker

Which of the following information can be obtained from the experiment above?

A The cube weighs 100 g.
B The cube occupies space.
C The volume of the cube is 100 cm^3.
D The volume of the water in the beaker has increased to 300 cm^3.

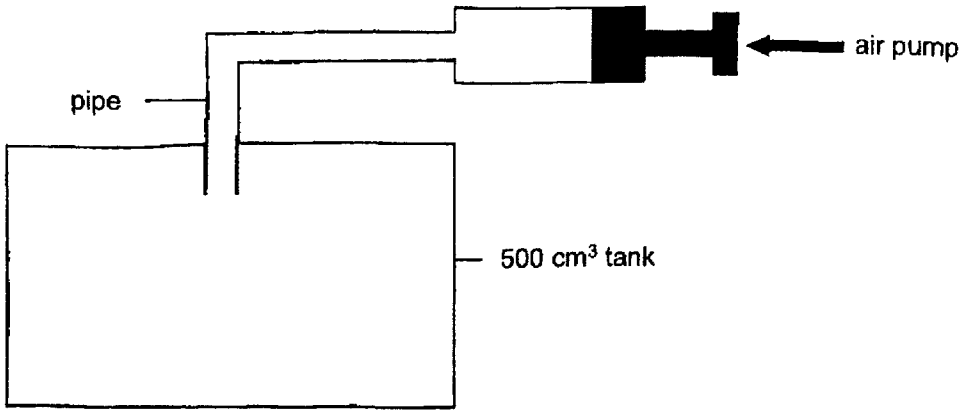
(1) A and B only
(2) B and C only
(3) A, B and C only
(4) B, C and D only

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5. Steven has a 500 cm^3 tank as shown below. Using an air pump, he pumped in 200 cm^3 of air into the tank.



How much air is there in the tank in the end?

(1) 200 cm^3
(2) 300 cm^3
(3) 500 cm^3
(4) 700 cm^3

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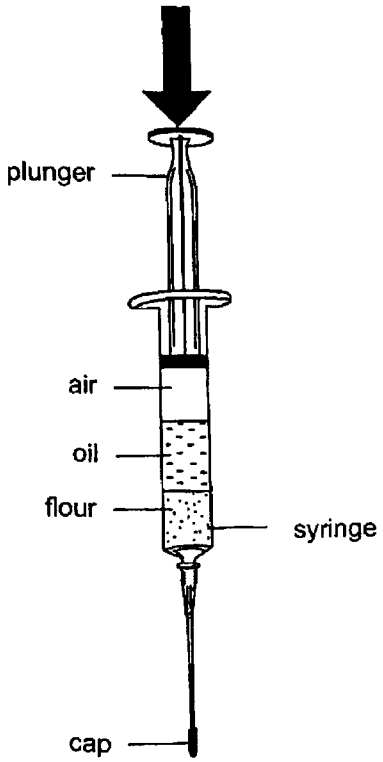
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Section B: Open-Ended Questions (5 marks)

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

6. Study the diagram below.



(a) State two properties of liquid. [1]

_____

_____

(b) Can the plunger be pushed downwards in the direction as shown?
Using a property of matter, explain your answer. [1]

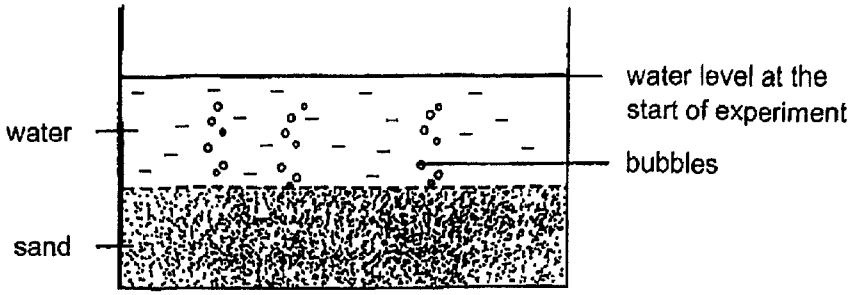
_____

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7. When Peter poured water into a container of sand, bubbles are observed appearing from the sand and moving upwards as shown below.



(a) After 5 minutes, what will Peter observe about the water level? [1]

_____

(b) Explain your answer in (a). [2]

_____

_____

_____

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- End of Paper -

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P4 SCIENCE WA1 2025
Answer Key

Section A

1.	3	2.	2	3.	2	4.	2	5.	3

Section B

Qn No	Acceptable Answers
7a.	Liquid has no definite shape. Liquid has a definite volume/ cannot be compressed.
7b.	Yes. Air can be compressed./ does not have definite volume.
8a.	Water level will decrease.
8b.	There is air/ air spaces between the sand. The water occupied the space previously occupied by the air. **OR** Water displaced the air between/ in the sand.

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