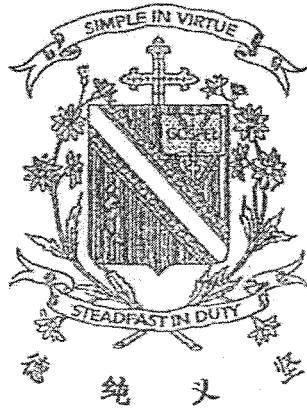


Name: \_\_\_\_\_ ( )

Class: Primary 3 \_\_\_\_\_

## CHIJ ST NICHOLAS GIRLS' SCHOOL



**Primary 3**  
**2025 Term 2 Weighted Assessment**  
**SCIENCE**  
**BOOKLET A**

Total Time for Booklets A and B: 50 mins

14 questions  
28 marks

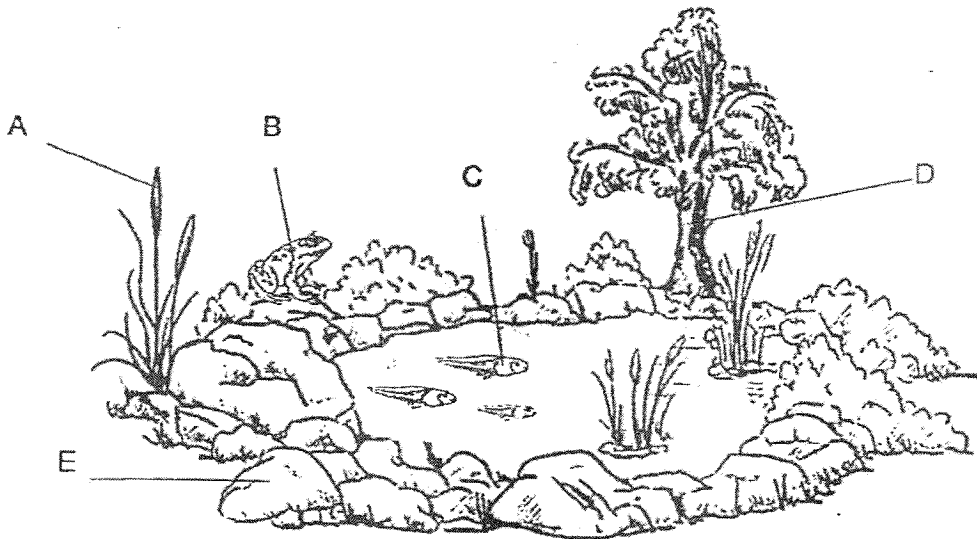
Do not open this booklet until you are told to do so.  
Follow **all** instructions carefully.  
Answer all questions.

This booklet consists of 10 printed pages.

**Section A (14 x 2 marks = 28 marks)**

For each question from 1 to 14, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet provided.

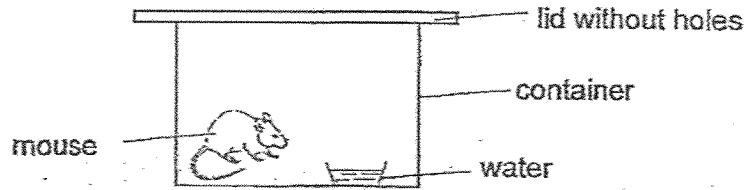
1. Study the diagram below.



Based on the diagram above, which of the things A, B, C, D or E are living things?

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

2. Diana kept a mouse in a container as shown below.



After a few days, the mouse died.

Which of the following should she have done to keep the mouse alive?

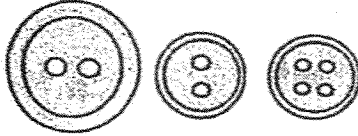
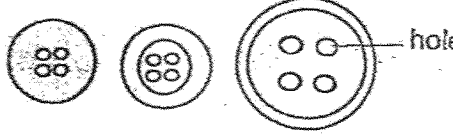
- A Poke holes on the lid.
- B Use a smaller container.
- C Place food in the container.
- D Place another mouse in the container.

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

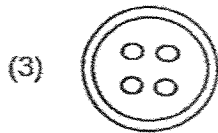
3. Which one of the following observations is matched correctly to the characteristics of living things?

	Observation	Characteristic
(1)	A parrot feeds on a fruit.	Living things need food.
(2)	A dog gives birth to a puppy.	Living things can respond to changes.
(3)	A fish is swimming in the water.	Living things can grow.
(4)	A mimosa plant folds its leaves when touched.	Living things can reproduce.

4. Alvin grouped some buttons based on the number of holes they have as shown below.

Group A	Group B
	

Based on the table, which button was classified wrongly?



5. Which of the following statements about bacteria are true?

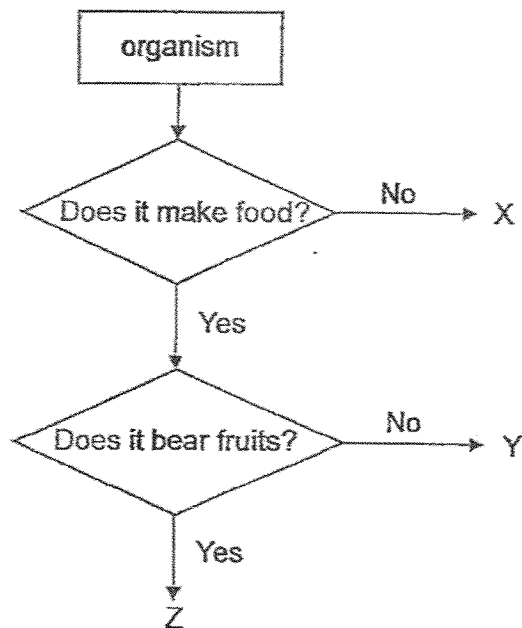
- A Bacteria can be useful to humans.
- B Bacteria come in different shapes and sizes.
- C Bacteria can be seen under a magnifying glass.
- D Bacteria can move by themselves from place to place.

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

6. Which one of the following characteristics can be used to differentiate between amphibians and mammals?

- (1) ability to swim
- (2) number of legs
- (3) number of body parts
- (4) type of outer covering

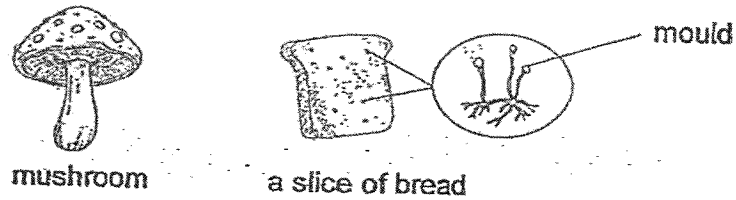
7. Study the flow chart below.



Which of the following best represents X, Y and Z?

	X	Y	Z
(1)	mushroom	staghorn fern	rose plant
(2)	crocodile	water lily	bracket fungi
(3)	grasshopper	tomato plant	hibiscus plant
(4)	toadstool	dog	bird's nest fern

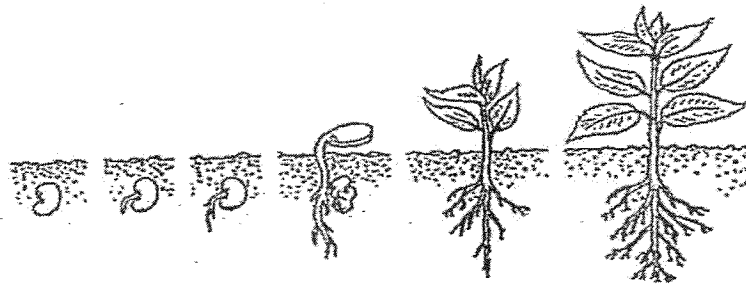
8. Study the diagram below.



Which of the following statements about the mushroom and mould are true?

- A Both reproduce by seeds.
  - B Both need food to stay alive.
  - C Both respond to changes around them.
  - D Both can only be seen clearly under a microscope.
- (1) A and D only  
(2) B and C only  
(3) A, B and C only  
(4) B, C and D only

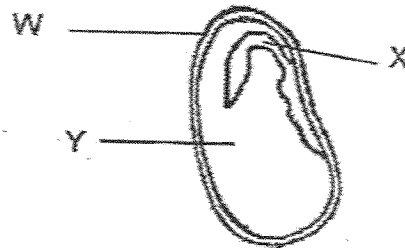
9. The growth of a plant is shown below.



Which of the following will change during the growth of the plant?

- A The number of leaves
  - B The size of the leaves
  - C The height of the plant
  - D The length of the roots
- 
- (1) A and C only
  - (2) B and D only
  - (3) A, C and D only
  - (4) A, B, C and D

10. The diagram below shows the cross-section of a seed.



Based on the diagram, which of the following statements are true?

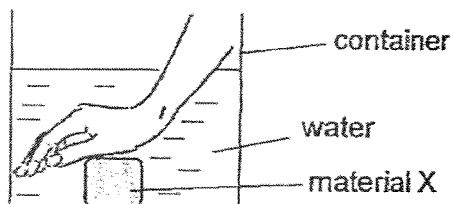
- A Part W protects part X.
  - B Part Y stores food for the seed.
  - C Part X is the embryo of the seed.
  - D Parts X and Y grow bigger after the seed germinates.
- 
- (1) A and B only
  - (2) C and D only
  - (3) A, B and C only
  - (4) B, C and D only

11. Ken observed the development of a seed into a young plant and recorded his observations below.

Day	Observation
4	The roots appeared and grew downwards.
8	The shoot appeared and grew upwards.
10	The first leaves appeared.
14	The seed leaves dropped to the ground.

Based on the table, from which day would the young plant most likely be able to make its own food?

- (1) Day 4
  - (2) Day 8
  - (3) Day 10
  - (4) Day 14
12. Erin pushed material X into a container of water as shown below.



She observed that the material X rose to the surface of the water when she removed her hand.

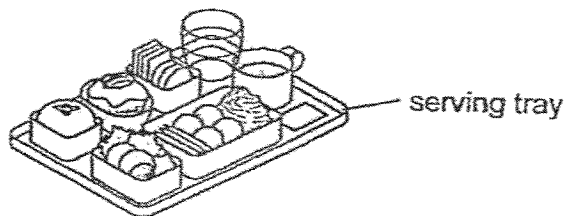
What is the aim of her experiment?

- (1) To find out if the material X is strong.
- (2) To find out if the material X can change its shape.
- (3) To find out if the material X floats or sinks in water.
- (4) To find out if the material X allows light to pass through.

13. The properties of four materials A, B, C and D are shown in the table below.  
A tick (✓) shows that the material has the property.

Property	Materials			
	A	B	C	D
Strong	✓	✓		
Flexible	✓		✓	
Waterproof		✓		✓
Floats on water			✓	✓

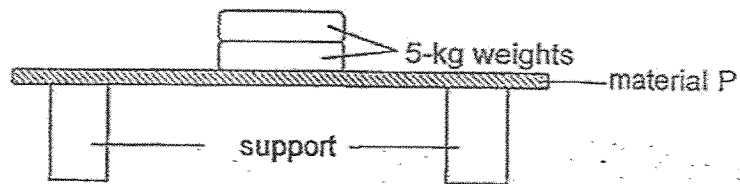
The diagram below shows a serving tray for putting food and drinks.



Based on the table, which material A, B, C or D is most suitable for making the serving tray?

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

14. Ali carried out an experiment using four different materials P, Q, R and S.



He placed 5-kg weights on material P until it broke. He repeated the experiment with materials Q, R and S. He recorded the results in the table below.

Material	Number of 5-kg weights needed
P	2
Q	7
R	10
S	16

What could Ali conclude from the results of his experiment?

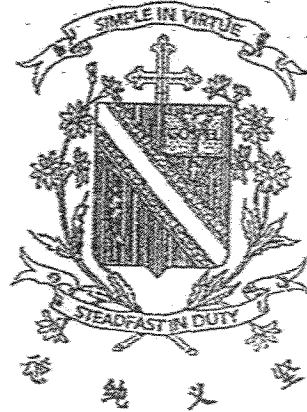
- (1) Material S is the heaviest.
- (2) Material P is the least flexible.
- (3) Material S is stronger than material R.
- (4) Material Q is more flexible than material P.

End of Booklet A

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

Class: Primary 3 \_\_\_\_\_

## CHIJ ST NICHOLAS GIRLS' SCHOOL



**Primary 3**  
**2025 Term 2 Weighted Assessment**  
**SCIENCE**  
**BOOKLET B**

Total Time for Booklets A and B: 50 mins

5 questions  
12 marks

Do not open this booklet until you are told to do so.  
Follow all instructions carefully.  
Answer all questions.

This paper consists of 7 printed pages.

Booklet A	28
Booklet B	12
Total	40


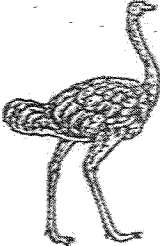

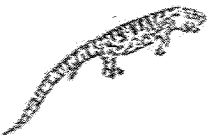
\_\_\_\_\_  
Parent's Signature/Date

**Section B (12 marks)**

For questions 15 to 19, write your answers in this booklet.

The number of marks available is shown in the brackets at the end of each question or part question.

15. Sam grouped four animals based on their characteristics as shown below.

Group A		Group B	
			
parrot	ostrich	turtle	lizard

(a) State one difference between the animals in group A and B based on their outer covering.

[1]

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Derrick saw a bat as shown below.



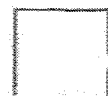
(b) Using a different characteristic, which group A or B should he classify the bat? Explain your answer.

[1]

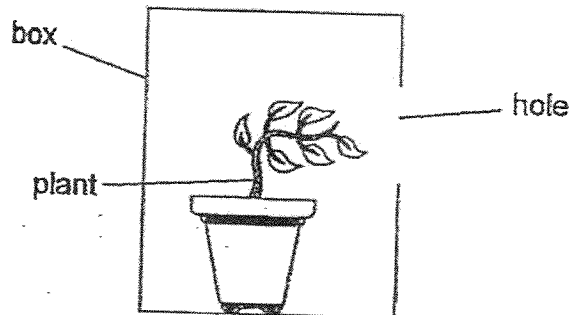
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16. Alice placed a plant in a box. After a few days, she observed that the plant grew towards the hole as shown below.



(a) Based on her observation, tick (✓) the material that the box is made of. [1]

Material	Tick (✓)
Glass	
Cardboard	
Clear plastic	

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

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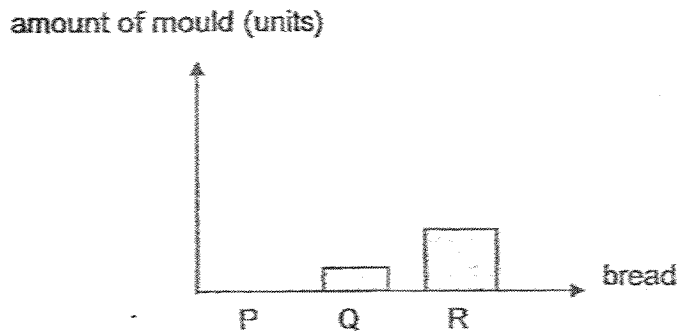
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17. Ben conducted an experiment using three similar pieces of bread P, Q and R. He placed them in different conditions as shown in the table below.

Bread	Conditions			
	moist	dry	cold	warm
P	✓			✓
Q		✓	✓	
R	✓		✓	

After a week, Ben observed some mould growing and recorded the results in the graph below.



- (a) Based on the conditions, draw the amount of mould found on bread P in the graph above. [1]
- (b) Which group of living things does bread mould belong to? [1]

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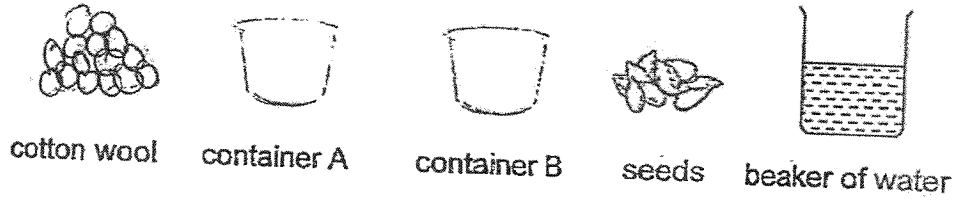
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18. Rani wanted to find out if water is needed for seeds to germinate. She used the items shown below for her experiment.



She wrote down the first three steps of her experiment.

1. Place some cotton wool into containers A and B.
2. Put three seeds each into both containers.
3. Sprinkle some water daily into container A only.

(a) In the table below, tick (✓) the next step of her experiment.

[1]

Next step	Tick (✓)
Place both containers in a dark cupboard.	
Place container A in a dark cupboard and container B in an open field.	

After a few days, she observed that the seeds in only one of the containers germinated.

(b) In which container A or B did the seeds not germinate? Explain your answer.

[1]

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(c) Based on the results of her experiment, state two other conditions needed for seeds to germinate.

[1]

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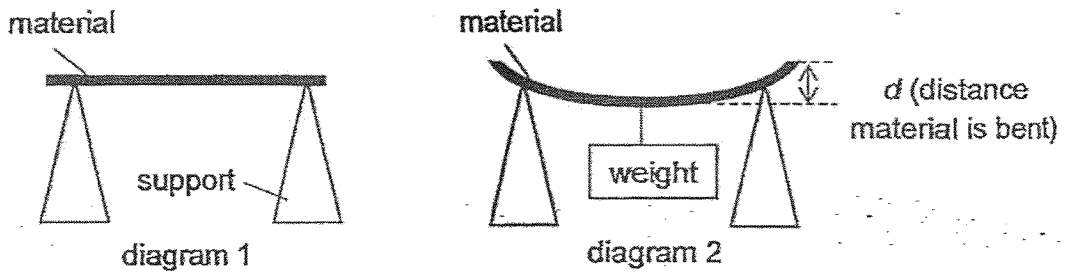
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19. Hassim set up an experiment as shown below to compare a property of materials X, Y and Z. He measured the distance  $d$  for each material when the same weight was hung on each of the materials.



He recorded the results in the table below.

Material	Distance $d$ (cm)
X	12
Y	0
Z	18

- (a) Which property of materials was Hassim trying to compare?

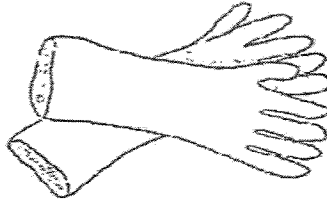
[1]

Hassim also tested and recorded the absorbency of materials X, Y and Z in the table below. A tick ( $\checkmark$ ) shows that the material is waterproof.

Material	Waterproof
X	$\checkmark$
Y	$\checkmark$
Z	



The diagram below shows a pair of rubber gloves used for washing dishes.



- (b) Based on all the results of his experiment, which material X, Y or Z is the most suitable for making the rubber glove? Explain your answer. [2]

Material: \_\_\_\_\_

Reason 1: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Reason 2: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

End of Booklet B



**SCHOOL : CHIJ ST NICHOLAS GIRLS' SCHOOL**  
**LEVEL : PRIMARY 3**  
**SUBJECT : SCIENCE**  
**TERM : 2025 WEIGHTED ASSESSMENT 2**

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
4	2	1	1	4	4	1	2	4	3
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18		
3	3	2	3						

Q15(a)	Group A's outer covering has feathers while Group B's outer covering has dry scaly skin.
Q15(b)	He should classify the bat into Group A because all bats have wings and Group A's animals have wings while Group B's animals do not have wings.
Q16(a)	Cardboard
Q16(b)	Cardboard is opaque, plant grows towards the hole to get sunlight.
Q17(a)	<p>amount of mould (units)</p> <p>bread</p> <p>P Q R</p>
Q17(b)	Bread mould belongs to Fungi.
Q18(a)	Place both containers in a dark cupboard.
Q18(b)	B, because it does not have any water so B did not germinate.
Q18(c)	Oxygen and warmth are needed to germinate.
Q19(a)	The property of material Hassim was trying to compare is Flexibility.

Q19(b)	<p>Material X.</p> <p>Reason 1: Because it is flexible and if the user wears the rubber gloves, the user will be able to move the user's hands.</p> <p>Reason 2: Because it is waterproof and if the user is washing the dishes, the user's hands will stay dry.</p>
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