HENRY PARK PRIMARY SCHOOL

2025 END OF YEAR EXAMINATION

SCIENCE

PRIMARY THREE

BOOKLET A

Name: _____(

Class: Primary 3 ( )

20 QUESTIONS

40 MARKS

TOTAL TIME FOR BOOKLETS A, B & C: 1 HOUR 30 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.

Marks for Booklet A: _____ / 40

Parent's Signature:

Downloaded from SingaKids.com

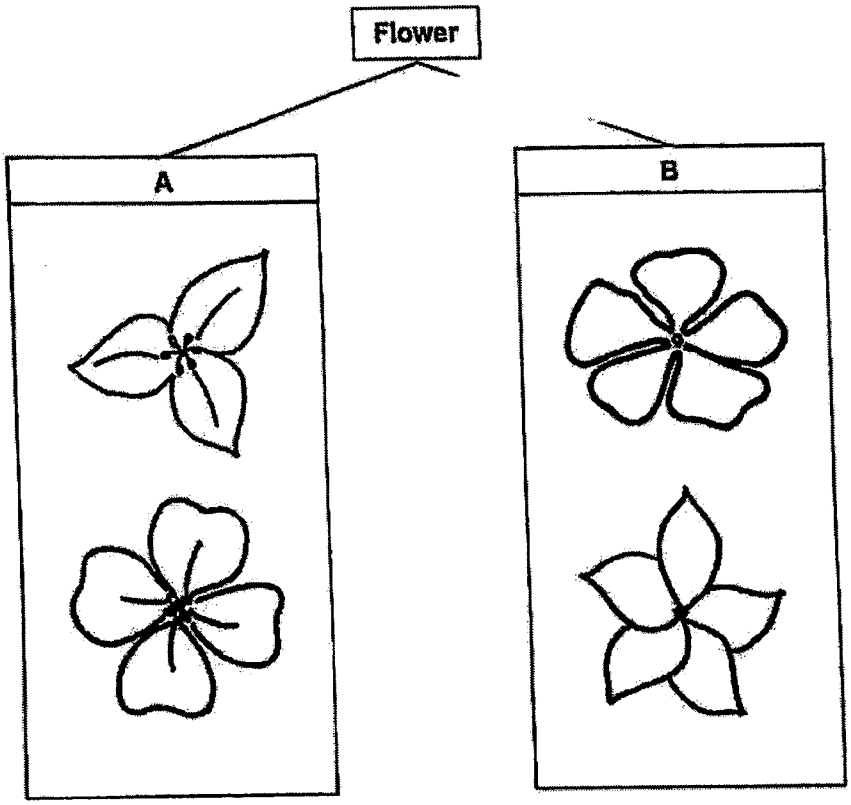
Section A

For each question from 1 to 20, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4) and shade your answer on the Optical Answer Sheet.

(40 marks)

---

1 Susan found four flowers in her garden. She classified the flowers into two groups, A and B, as shown below.



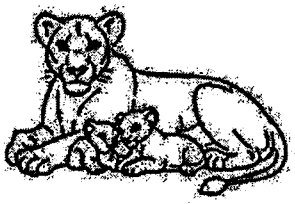
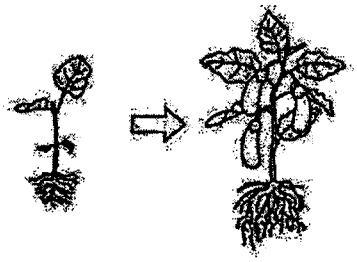
Which of the following headings correctly represent groups A and B?

	A	B
	Flowers with	Flowers with
(1)	3 petals	less than 5 petals
(2)	4 petals	more than 5 petals
(3)	less than 5 petals	5 petals
(4)	more than 5 petals	5 petals

( )

Downloaded from SingaKids.com

2 Which of the following observations match correctly to the characteristics of living things?

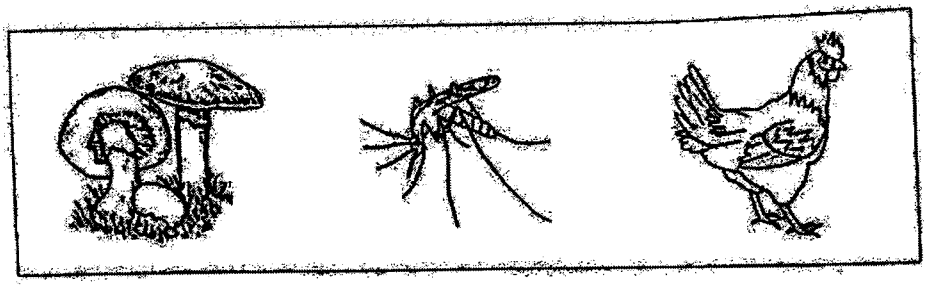
	Characteristics of living things	Observations
A	Living things need food	
B	Living things reproduce	
C	Living things respond to changes	

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

( )

Downloaded from SingaKids.com

3 Study the pictures of the three living things shown below.



Which of the following characteristics is/are common among the three living things?

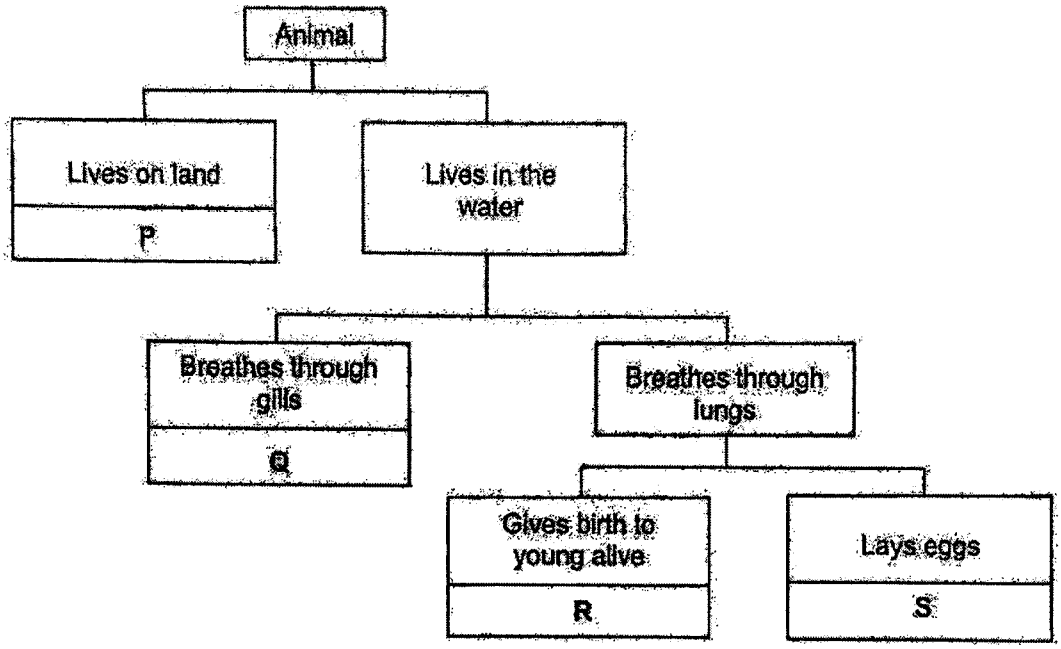
A They can grow.
B They can reproduce.
C They need air to live.

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

( )

Downloaded from SingaKids.com

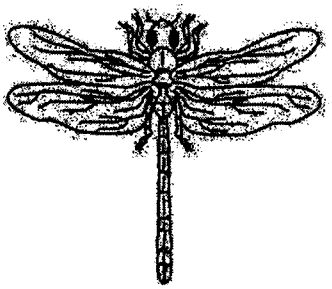
4 Study the classification chart below.



The diagram below shows animals, X and Y.



Animal X



Animal Y

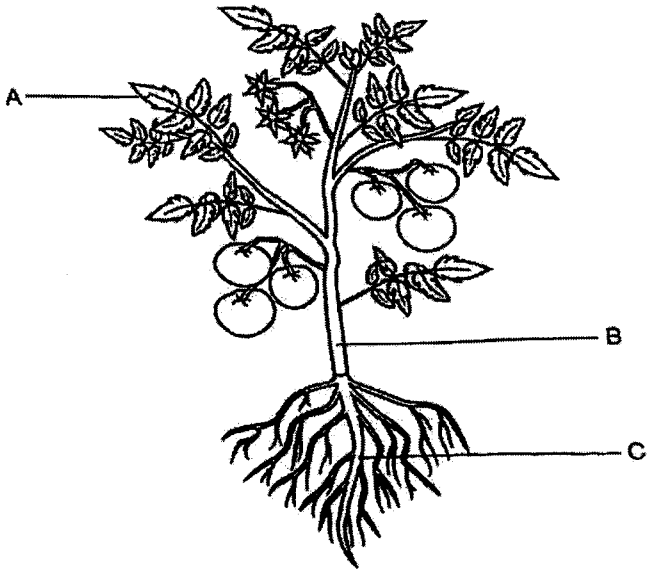
Which of the following correctly identifies animals, X and Y?

	Animal X	Animal Y
(1)	P	S
(2)	R	P
(3)	Q	P
(4)	S	Q

( )

Downloaded from SingaKids.com

5 Study the diagram of a plant shown below.



Which of the following identifies the parts and type of the plant correctly?

	A	B	C	Type of plant
(1)	leaf	root	stem	flowering
(2)	leaf	stem	root	flowering
(3)	root	leaf	stem	non-flowering
(4)	stem	root	leaf	non-flowering

( )

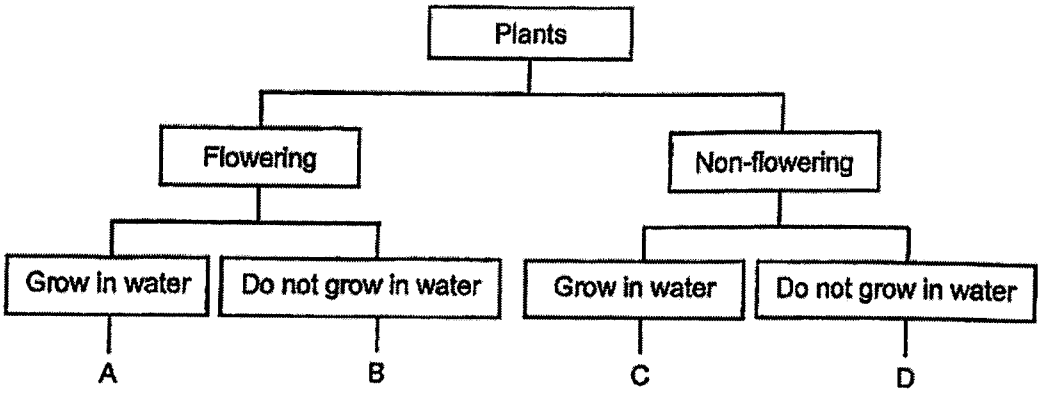
Downloaded from SingaKids.com

6 Study the table below. It contains some information on two plants, X and Y.

Characteristics	Plant X	Plant Y
Reproduces by spores	✓	×
Grows in water	×	✓

A tick (✓) indicates the presence of the characteristic but a cross (×) indicates the absence of the characteristic.

Study the diagram shown below.



From the information given above, in which group (A, B, C or D) would you classify plants X and Y?

	Plant X	Plant Y
(1)	A	D
(2)	B	C
(3)	C	A
(4)	D	A

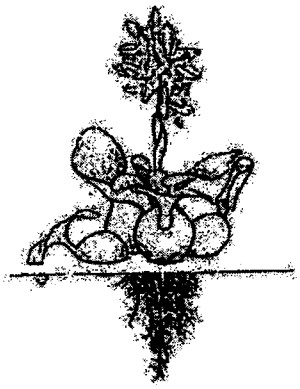
( )

Downloaded from SingaKids.com

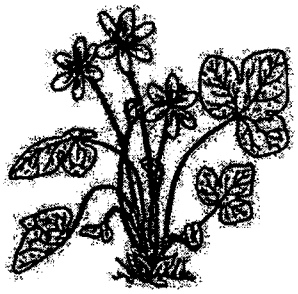
7 The diagrams show three living things.



Living thing X



Living thing Y



Living thing Z

Based on the diagrams given, which of the following is correct?

Key - A tick (✓) shows the characteristic is observed

(1)

Characteristics	Living things X	Y	Z
Produces flowers		✓	✓
Reproduces by seeds	✓		✓

(2)

Characteristics	Living things X	Y	Z
Produces flowers	✓	✓	
Reproduces by seeds		✓	✓

(3)

Characteristics	Living things X	Y	Z
Produces flowers		✓	✓
Reproduces by seeds		✓	✓

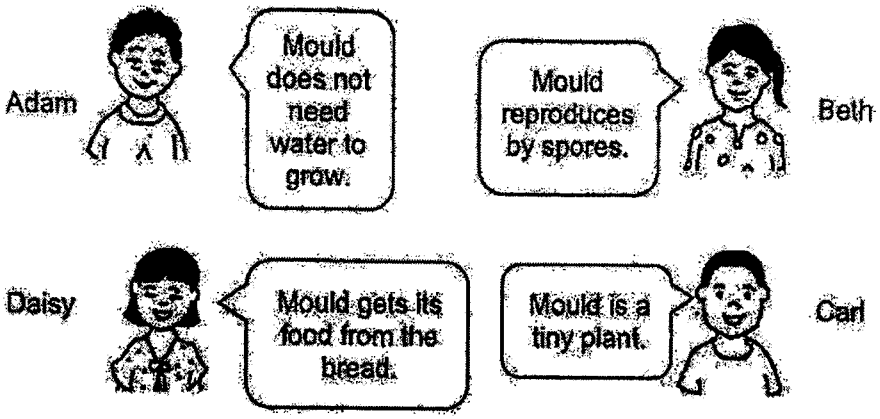
(4)

Characteristics	Living things X	Y	Z
Produces flowers	✓	✓	✓
Reproduces by seeds	✓		

( )

Downloaded from SingaKids.com

8 Four students observed some mould growing on a piece of bread.
Each of them made a statement.



Which students are correct?

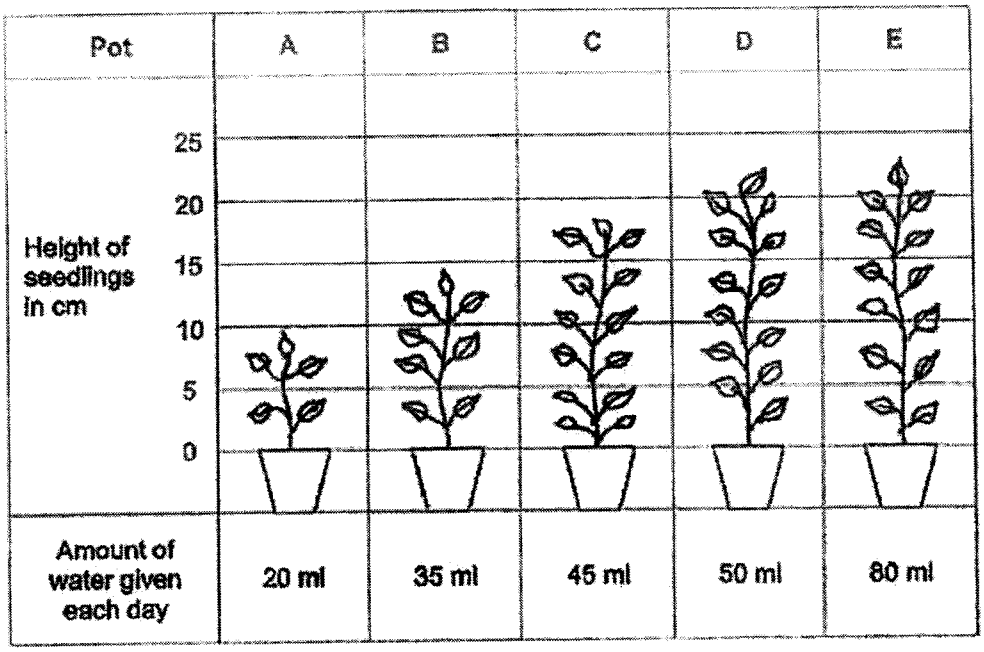
(1) Beth and Daisy
(2) Adam and Beth
(3) Beth, Carl and Daisy
(4) Adam, Carl and Daisy

( )

Downloaded from SingaKids.com

9 Yew Ling planted five pots of bean seeds. She gave each pot of seeds the same amount of fertiliser. She watered the seeds daily with different amounts of water.

After the tenth day, she measured the heights of the seedlings as shown in the chart below.



For the bean seedlings to grow well, they have to grow at least 20 cm in ten days.

From the chart, what is the least amount of water to give to the bean seeds each day to ensure that they grow well?

(1) 35 ml
(2) 45 ml
(3) 50 ml
(4) 80 ml

( )

Downloaded from SingaKids.com

10 Xian Meng observed two animals, A and B, over a period of time.
He recorded his observations in the table below.

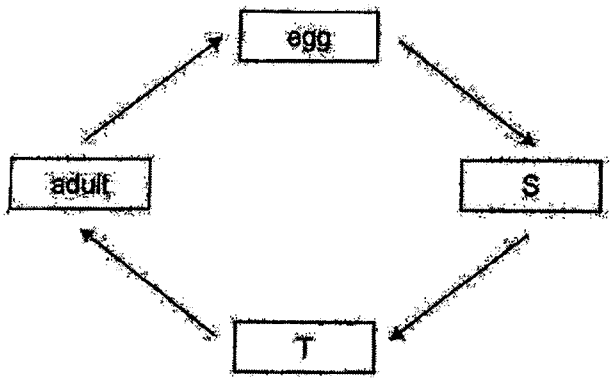
Observation	Animal	
	A	B
4-stage life cycle	yes	no
young looks like the adult	no	no
spends part of its life cycle in water	no	yes

Which of the following represents A and B correctly?

	A	B
(1)	frog	mosquito
(2)	butterfly	frog
(3)	mosquito	grasshopper
(4)	grasshopper	butterfly

( )

11 The diagram shows the stages in the life cycle of a mealworm beetle.



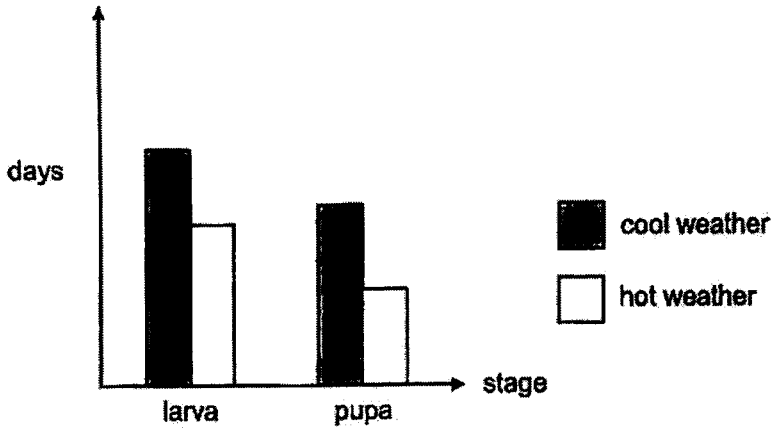
Which of the following correctly describes the young at stages S and T?

	Stage S	Stage T
(1)	does not look like the adult	looks like the adult
(2)	looks like the adult	lives in water
(3)	lives on land	lives on land
(4)	unable to fly	able to fly

( )

Downloaded from SingaKids.com

12 The graph shows the length of two stages in the life cycle of an insect at different weather conditions.



Which of the following statements about the two stages in the life cycle of the insect is/are correct?

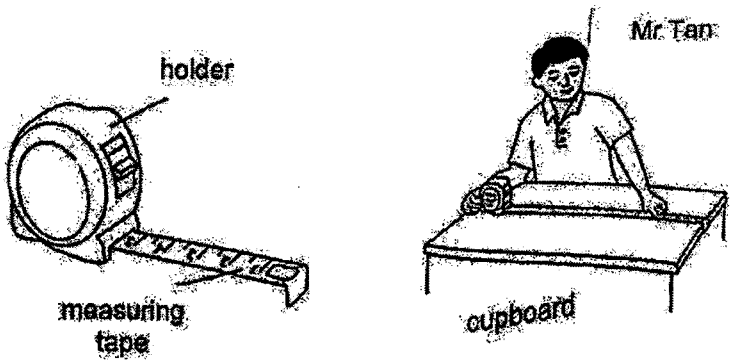
A The pupal stage is longer than the larval stage when the weather is cool.
B The larval and pupal stages are longer when the weather is cooler.
C Only the length of the pupal stage is affected by the weather conditons.

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

( )

Downloaded from SingaKids.com

13 Mr Tan has a measuring tape. He uses it to find the length of a cupboard as shown in the diagram below.



Which property of the measuring tape allows it to be rolled up inside the holder?

(1) It is strong.
(2) It is flexible.
(3) It is opaque.
(4) It is waterproof.

( )

14 Jamal wants to make an umbrella that can shelter him from the sun and rain.



The properties of material A, B, C and D are shown below.

Material	Strong	Flexible	Waterproof
A	✓	✓	✓
B	✓	✓	
C	✓		✓
D		✓	✓

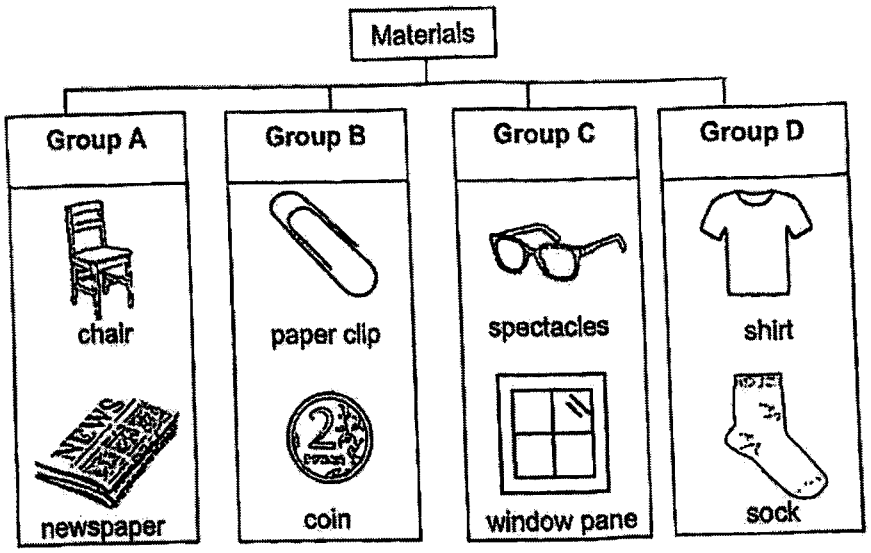
Which material is most suitable to make part X of the umbrella?

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

( )

Downloaded from SingaKids.com

15 Study the classification diagram below.



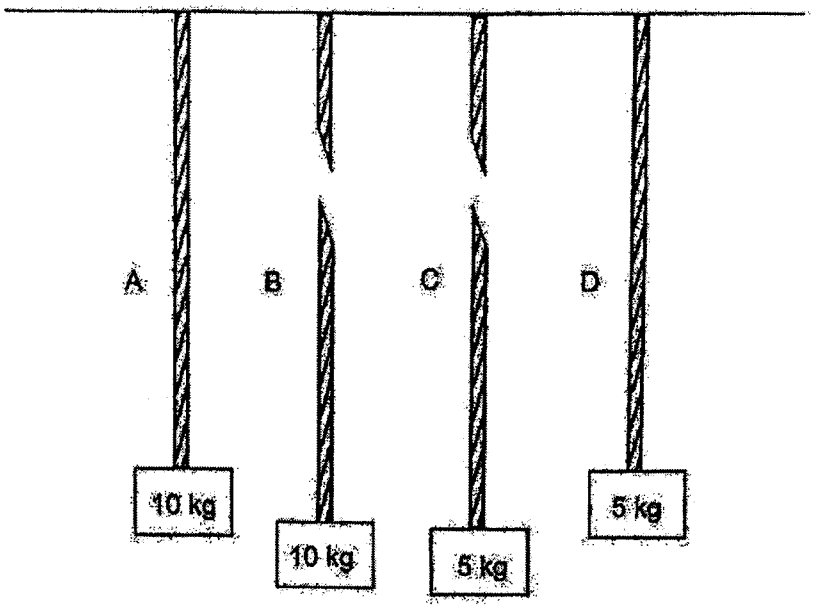
In which group does a fish tank belong to?

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

( )

Downloaded from SingaKids.com

16 Four materials, A, B, C and D were made into ropes of the same length and thickness. They were then tied to different weights. When the weights were lifted by the ropes, Ropes B and C broke as shown below.



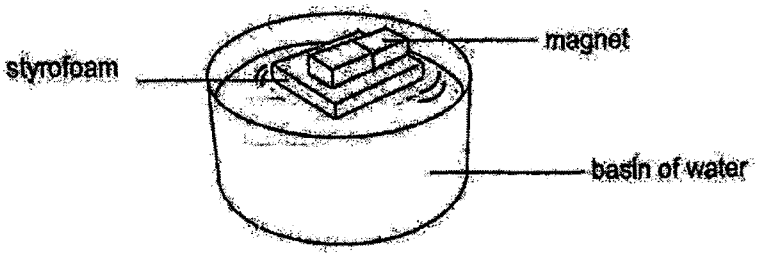
Which of the following about the materials that the ropes were made of is correct?

(1) Material A is stronger than material B.
(2) Material B is stronger than material C.
(3) Material C is stronger than material D.
(4) Material D is stronger than material B.

( )

Downloaded from SingaKids.com

17 A magnet is taped to a piece of styrofoam and placed into a basin of water. It then spun until it comes to rest in the direction as shown below.

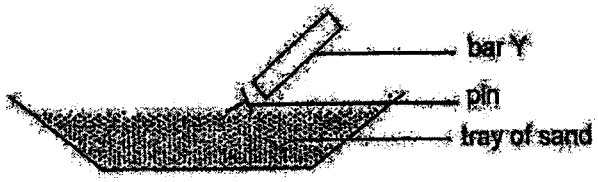


At rest, the magnet is pointing in the _____ direction.

(1) east-west
(2) north-east
(3) north-west
(4) north-south

( )

18 Jeremy tried to remove a pin from a tray of sand by using bar Y as shown in the diagram below.



Jeremy noticed that the pin did not move towards bar Y.
Which of the following is/are possible reason(s) why this is so?

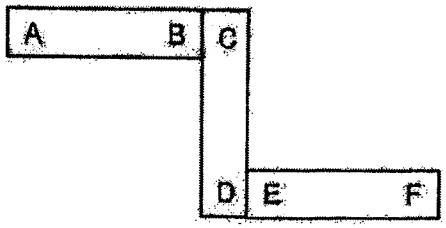
A Bar Y is not a magnet.
B The pin is not magnetic.
C The pin is not placed in the north-south direction.

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

( )

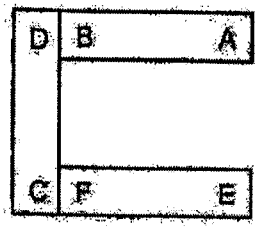
Downloaded from SingaKids.com

19 Three bar magnets, AB, CD and EF, are arranged as shown below.

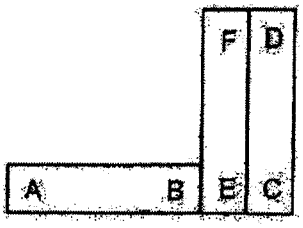


Which one of the following arrangements of the magnets is possible?

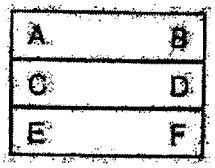
(1)



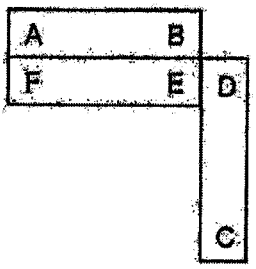
(2)



(3)



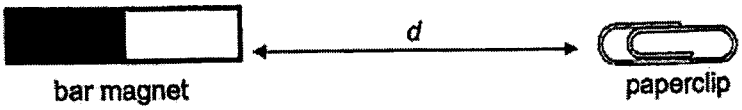
(4)



( )

Downloaded from SingaKids.com

20 Kieren carried out an experiment with a paperclip and four bar magnets, K, L, M and N. Using one magnet at a time, he moved the paperclip slowly towards the magnet and recorded the furthest distance, *d*, before the magnet attracted the paperclip.



The table below shows the results of his experiment.

Magnet	K	L	M	N
Distance *d* (cm)	2	9	4	6

Based on the results, which one of the following statements is correct?

(1) L is the strongest magnet.
(2) K is a stronger magnet than M.
(3) M attracted the paperclip at 9 cm.
(4) N attracted the paperclip from the furthest distance.

( )

End of Booklet A

Downloaded from SingaKids.com

HENRY PARK PRIMARY SCHOOL

2025 END OF YEAR EXAMINATION

SCIENCE

PRIMARY THREE

BOOKLET B

Name: _____ (

Class: Primary 3 ( )

6 QUESTIONS

16 MARKS

TOTAL TIME FOR BOOKLETS A, B & C: 1 HOUR 30 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.

Marks for Booklet B: _____ / 16

Parent's Signature: _____

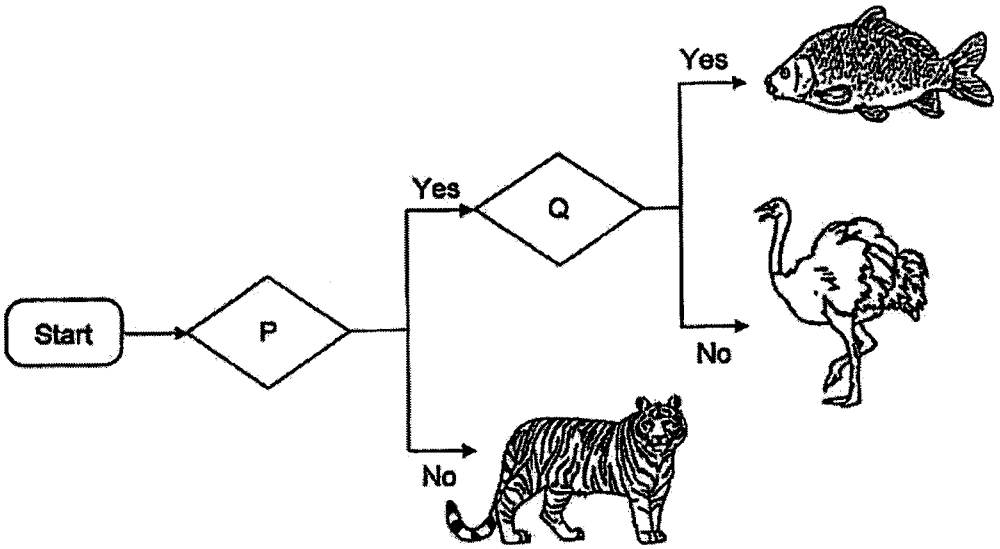
Downloaded from SingaKids.com

Section B

For each question from 21 to 28, write your answers in the spaces provided. (16 marks)

---

21 The chart below shows how some animals are classified.



P and Q represent the characteristics that are used to classify these animals in the chart above.

Write, P and Q, in the correct boxes. [2]

☐ Able to fly?

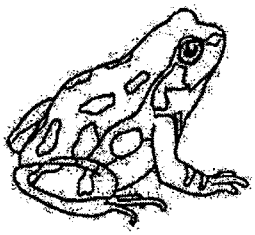
☐ Have scales?

☐ Able to lay eggs?

☐ Have a beak?

Downloaded from SingaKids.com

22 The diagram below shows animal F.



Animal F

Circle the correct answers. [2]

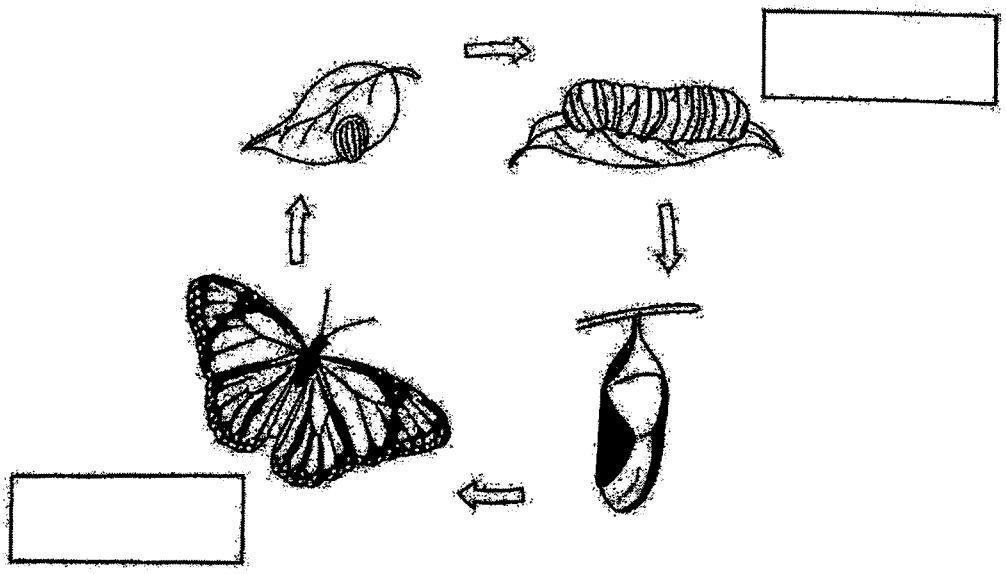
a) Animal F is a / an (fish / reptile / amphibian).

b) Animal F has an outer covering of (hair / skin scales).

c) Animal F reproduces by (seeds / laying eggs / giving birth).

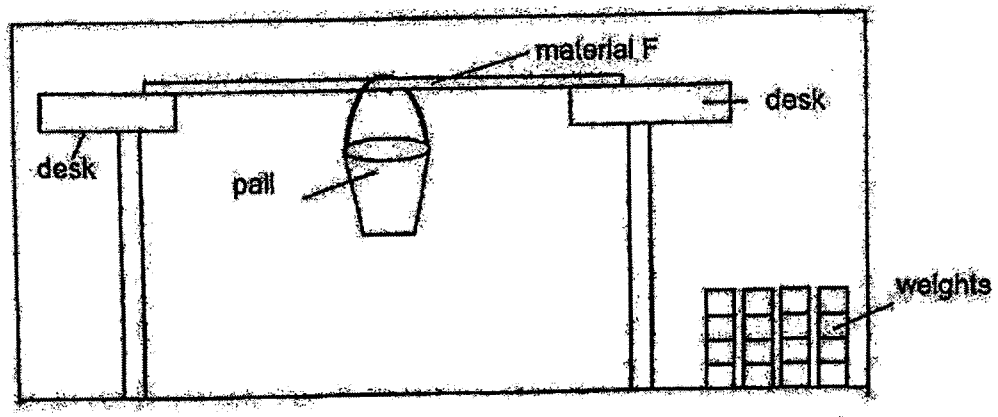
d) The young of animal F is called a (larva / nymph / tadpole).

23 The diagram shows the life cycle of a butterfly.
Write a word in each of the boxes to identify the correct stages. [2]



Downloaded from SingaKids.com

24 Jerry tested three different materials, F, G and H, using the experiment below.
The three materials are of the same thickness and length.



He placed the weights into the pail one at the time until the material F broke.
He repeated the experiment with material G and H and recorded his results in the table below.

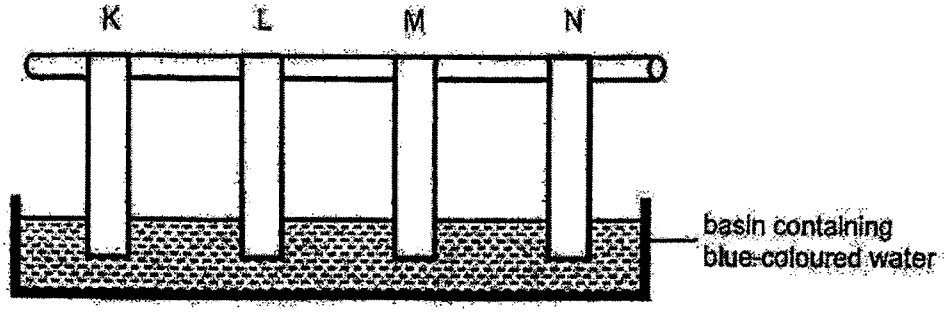
Material	Number of weights needed to break the material
F	16
G	10
H	5

Based on the information given, state whether the statements below are true or false. [2]
Write "True" or "False" in the correct boxes.

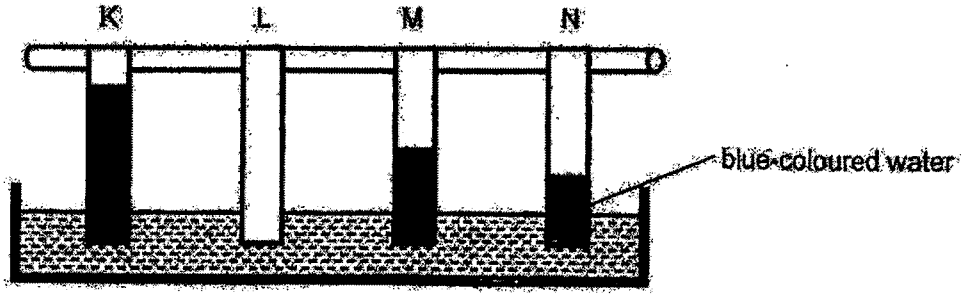
	Statement	Write 'True' or 'False'
a)	Material G is stronger than Material F.	
b)	Material F is the strongest.	

Downloaded from SingaKids.com

25 Sharon dipped four different strips of material, K, L, M or N of the same size, in a dish of blue-coloured water as shown below.



The diagram below shows the result of his experiment.



a) Based on the results shown above, which material, K, L, M or N is waterproof? [1]

Material: _____

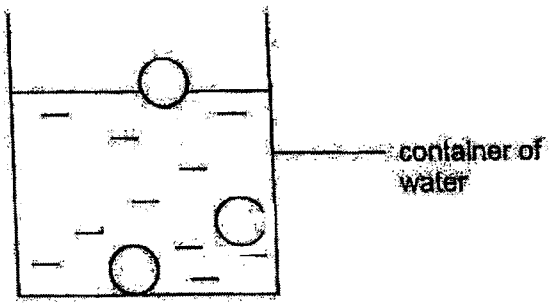
b) Arrange the materials, K, L, M and N, in the order of the most amount of water absorbed to the least. [1]

absorbs the most water

absorbs the least water

Downloaded from SingaKids.com

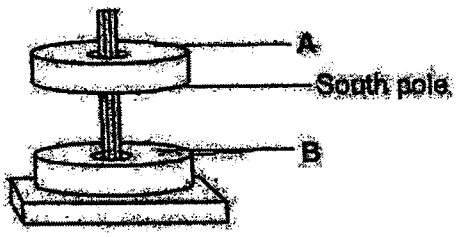
26 The diagram below shows three solid objects in a container.
All three objects are made of different materials.



(a) On the diagram above, write the letter 'S' inside the circle of the object which is made of a material that can be used to make a swimming float. [1]

(b) On the diagram above, write the letter 'T' inside the circle of the object that sinks in water. [1]

27 John observed two ring magnets after placing one on top of another as shown below.



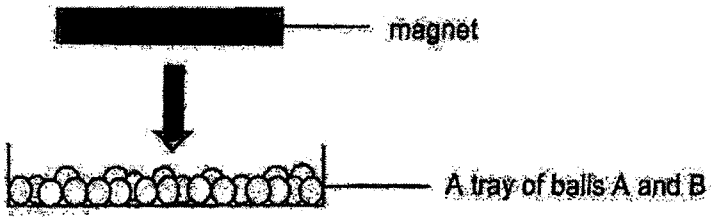
Identify the poles of labelled A and B in the diagram above.

a) A: _____ [1]

b) B: _____ [1]

Downloaded from SingaKids.com

28 Jasmine placed a bar magnet over a tray which was filled with two types of balls, A and B. All the balls weigh the same.



Jasmine then recorded her observations in the table below.

Ball	Number of balls attracted to the magnet
A	14
B	0

Circle the correct answers. [2]

Based on her observation, ball B is likely to be made of a

(*magnetic* / *non-magnetic*) material.

Based on her observation, ball A is likely to be made of a

(*magnetic* , *non-magnetic*) material.

End of Booklet B

Downloaded from SingaKids.com

HENRY PARK PRIMARY SCHOOL

2025 END OF YEAR EXAMINATION

SCIENCE

PRIMARY THREE

BOOKLET C

Name: _____(

Class: Primary 3 ( )

7 QUESTIONS

24 MARKS

TOTAL TIME FOR BOOKLETS A, B & C: 1 HOUR 30 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.

Marks for Booklet C: _____/ 24

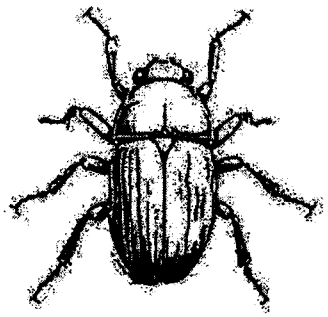
Parent's Signature: _____

Downloaded from SingaKids.com

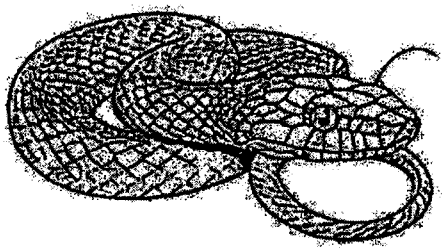
Section C (24 marks)

For each question from 29 to 35, write your answers in the spaces given.

29 Adam observed two animals, X and Y, at a nature park.



Animal X



Animal Y

a) In what way are these two animals similar in their method of reproduction? [1]

b) Based on your observations of animals, X and Y, state the following two differences : [2]

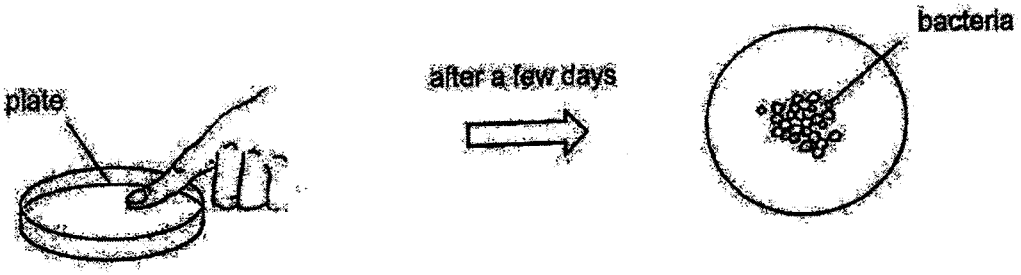
Difference in the number of legs :

Difference in their outer coverings :

Downloaded from SingaKids.com

30 Bert has two types of liquid soap, A and B. He wanted to compare how clean his hands were after washing with the liquid soaps.

He pressed a dirty finger on the surface of a plate. The plate was left in a warm room. After a few days, bacteria were observed where he pressed his finger.



Bacteria are tiny living things that are smaller than fungi.

a) Name a suitable instrument that Bert used to observe the bacteria clearly as shown in the diagram above. [1]

_____

After pressing his finger on the plate, Bert washed his hands with liquid soap A.
He repeated the experiment using the same finger and liquid soap B.

b) When repeating his experiment, which condition(s) must be kept the same to ensure a fair test? Tick (✓) the correct box(es). [2]

Condition	Keep the same
Amount of liquid soap	☐
Type of liquid soap	☐
Amount of bacteria	☐
Number of days left in the room	☐

Downloaded from SingaKids.com

31 Rachel studied the life cycle of a grasshopper. She recorded the number of days for each stage of its life cycle in a table as shown below. However, she did not present the stages of the life cycle in the correct order.

Stage	Number of days at each stage
nymph	35
adult	280
egg	21

a) Use a pencil to draw the life cycle of the grasshopper using only words and arrows in the space given below. [1]

b) State one difference between the nymph and the adult grasshopper. [1]
(Do NOT state the difference in size or length)

_____

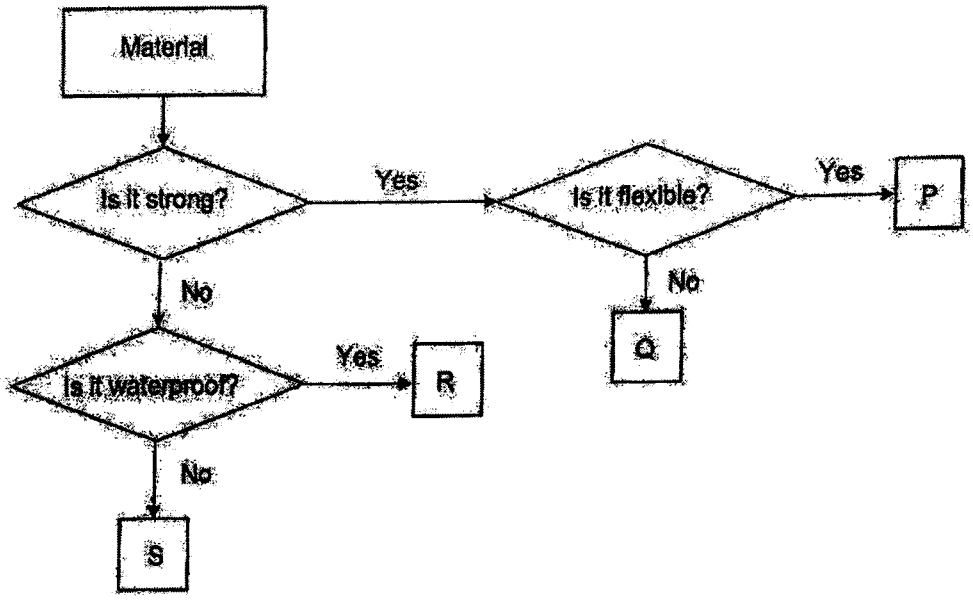
_____

c) Based on the information in Rachel's table, how many days does it take for the grasshopper to become an adult after the eggs are laid? [1]

_____ days

Downloaded from SingaKids.com

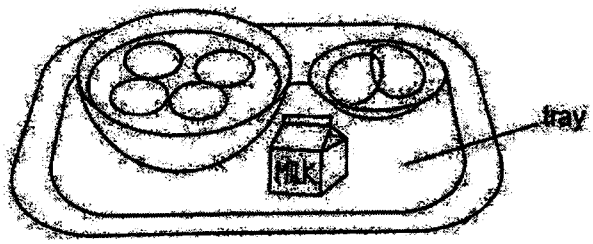
32 Study the flowchart below.



Based on the flowchart, answer the following questions.

a) State the properties of material R. [1]

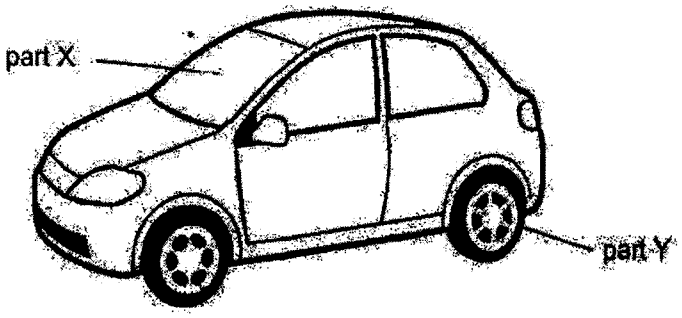
b) The picture below shows a tray used to carry food.



Which material, P, Q, R or S is the most suitable material to make a food tray? [2]
Explain your answer.

Downloaded from SingaKids.com

33 The diagram below shows a car.



a) State one material that could be used to make part X. [2]
Explain your answer.

_____

_____

b) Part Y is made of rubber. [2]
State two properties of rubber that makes it a suitable material to make part Y.

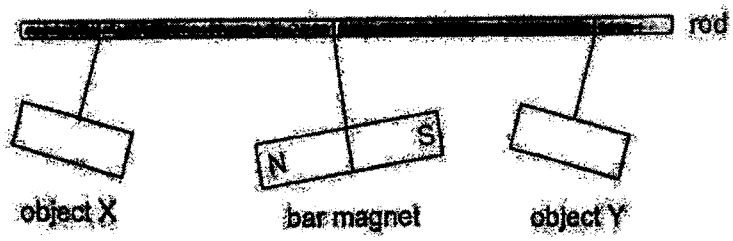
_____

_____

Downloaded from SingaKids.com

34 Chris hung two objects, X and Y, at equal distance away from a suspended bar magnet.

The diagram below shows how object X and Y interacted with the bar magnet.
One of the objects is an iron bar while the other is a magnet.



a) Based on the information provided, identify X and Y. [2]

(i) Object X: _____

(ii) Object Y: _____

b) Explain why object X and the bar magnet moved away from each other. [1]

_____

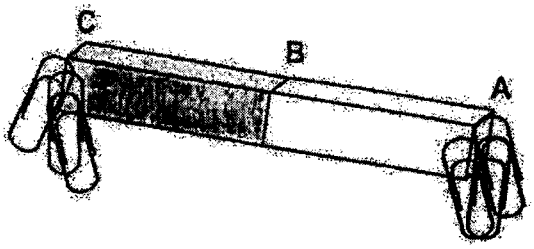
_____

c) State what Chris would have observed if object X is made of wood. [1]

_____

Downloaded from SingaKids.com

35 Muthu placed Bar magnet X in a tray of paper clips.
The bar magnet has three parts, A, B and C.
The diagram below shows what happened when he lifted the magnet up.



Bar magnet X

a) Based on the diagram above, describe what he observed when the bar magnet was lifted. Explain your answer. [2]

Muthu then placed Bar magnet X near Object Y. He observed that Object Y was attracted to Bar magnet X as shown below.



Bar magnet X Object Y

Muthu's sister told him that Object Y is a magnet.

b) What should he do to find out if her sister is correct? [2]

End of Booklet B

Downloaded from SingaKids.com

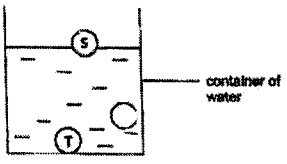
Downloaded from SingaKids.com

SCHOOL : HENRY PARK PRIMARY SCHOOL
LEVEL : PRIMARY 3
SUBJECT : SCIENCE
TERM : 2025 SA2

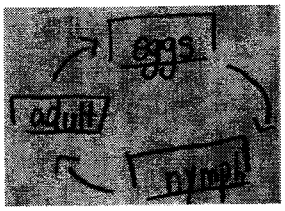
Booklet A

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
3	**1**	**4**	**2**	**2**	**4**	**3**	**1**
Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16
4	**2**	**3**	**1**	**2**	**3**	**3**	**1**
Q17	Q18	Q19	Q20				
4	3	3	1				

Booklet B

Q21	**P – Able to lay eggs?** **Q – Have scales**
Q22	**a) Amphibian** **b) Skin** **c) Laying eggs** **d) Tadpoles**
Q23	**Larva** **Adult**
Q24	**a) False** **b) True**
Q25	**a) L** **b) K – M – N – L**
Q26	**a) b)** 
Q27	**a) North pole** **b) South pole**

Downloaded from SingaKids.com

Q28	**Non-magnetic** **Magnetic**
Q29	**a) They all lay eggs** **b) Animal X has six legs but animal Y does not have any legs** **Animal Y has scales outer coverings but animal X does not**
Q30	**a) He can use a microscope** **b) Amount of liquid soap** **Number of days left in the room**
Q31	**a)**  **b) Nymph do not have wings but adult grasshopper has wings** **c) 35**
Q32	**a) Material R is not strong but it is waterproof** **b) Material Q is strong and is not flexible**
Q33	**a) Glass – because you need to see clearly** **b) Rubber is flexible** **Rubber is strong**
Q34	**a) (i) Non-magnetic** **(ii) Magnetic** **b) North North** **c) If X is wood then the bar magnet and Y will attract**
Q35	**a) He observed that both side have the same number of paper clips. Because A and C are magnetic** **b) Test by putting some paperclips near it and see if any is attracted to it**

Downloaded from SingaKids.com