WA2

Ai Tong School
P4 Science
2025 Term 2 Review

Name: _____ ( ) Class: 4_____

Date: _____ Marks: _____/25

Duration: 35 minutes Parent's Signature: _____

Section A (14 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 brackets provided.

---

1 The following are some of the body systems found in the human body.

A Circulatory system
B Digestive system
C Muscular system
D Skeletal system

Which of the body systems are involved in allowing a human to run?

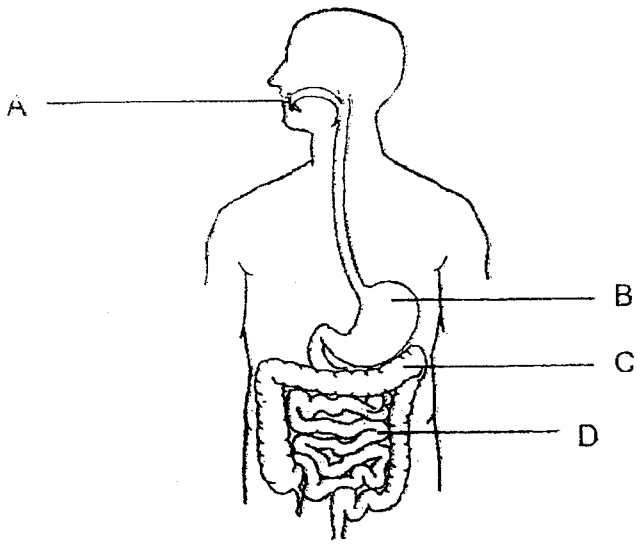
(1) A and B only
(2) C and D only
(3) A, B and C only
(4) A, B, C and D

( )

(Go on to the next page)

Downloaded from SingaKids.com

2 The diagram below shows the digestive system.



Three students made the following statements about the digestive system.

Abbey: The amount of undigested food in A is more than in B.
Brook: The amount of digested food in C is more than in D.
Clara: There is no digested food in C.

Which student(s) made the correct statement(s)?

(1) Abbey and Brook
(2) Abbey and Clara
(3) Brook and Clara
(4) Abbey, Brook and Clara

( )

3 Matter is anything that has mass and occupies space.

Which of the following is a matter?

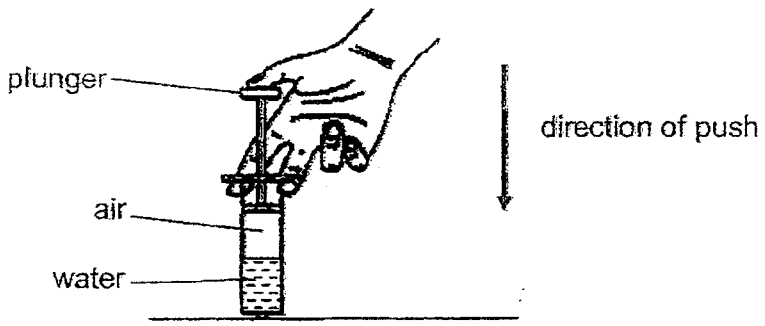
(1) air
(2) heat
(3) light
(4) shadow

( )

(Go on to the next page)

Downloaded from SingaKids.com

4 Bala held a syringe containing air and water against the floor.

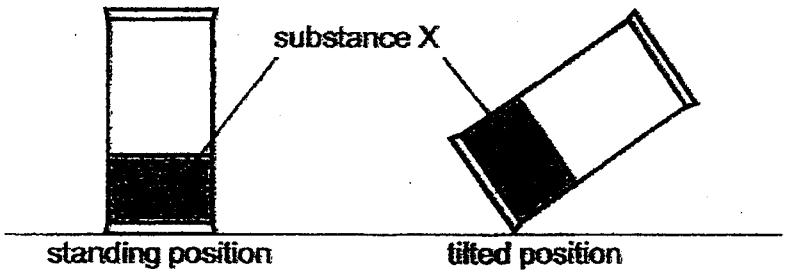


What happens to the mass and volume of air when the plunger is pushed down?

	Mass of air	Volume of air
(1)	decreases	decreases
(2)	decreases	remain the same
(3)	remain the same	decreases
(4)	remain the same	remain the same

( )

5 The diagram below shows a container containing substance X. The container was then placed in a tilted position as shown.



Three students made the following statements about substance X.

Devi: Substance X is a liquid.
Edwin: Substance X occupies space.
Fiona: Substance X changes shape.

Which student(s) made the correct statement(s)?

(1) Edwin only
(2) Devi and Fiona only
(3) Edwin and Fiona only
(4) Devi, Edwin and Fiona

( )

(Go on to the next page)

Downloaded from SingaKids.com

6 The following objects are classified based on whether they are sources of light.

Sources of Light	Not sources of light
stars	pencil
lamp	apple
mirror	lightning
handphone	water bottle

Which objects are classified **wrongly**?

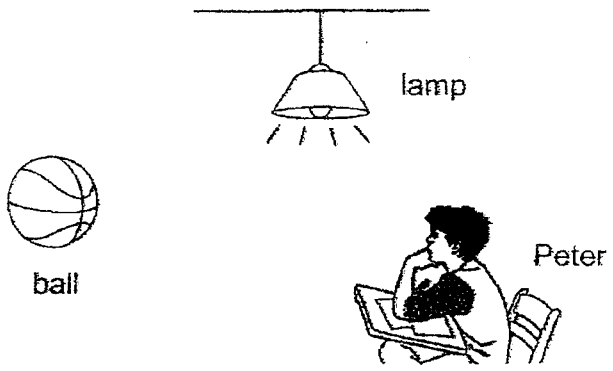
(1) stars and water bottle
(2) lamp and apple
(3) mirror and lightning
(4) handphone and pencil

( )

(Go on to the next page)

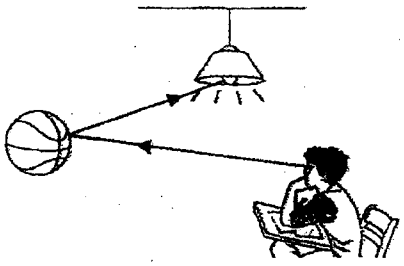
Downloaded from SingaKids.com

7 Peter can see the ball when the lamp is turned on.

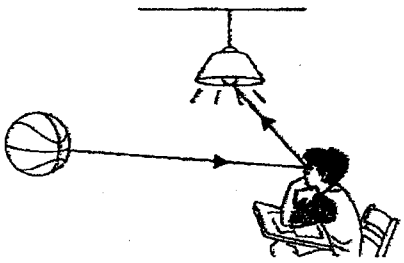


Which of the following shows how Peter is able to see the ball?

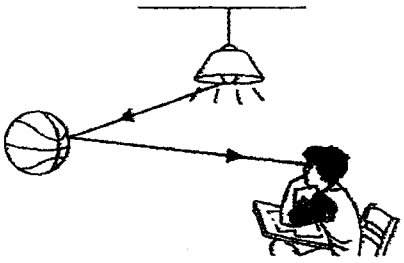
(1)



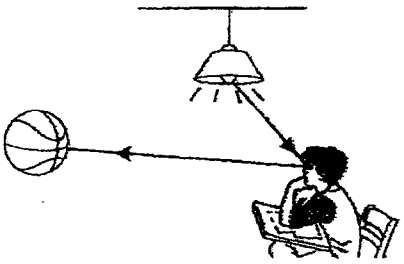
(2)



(3)



(4)



( )

(Go on to the next page)

Downloaded from SingaKids.com

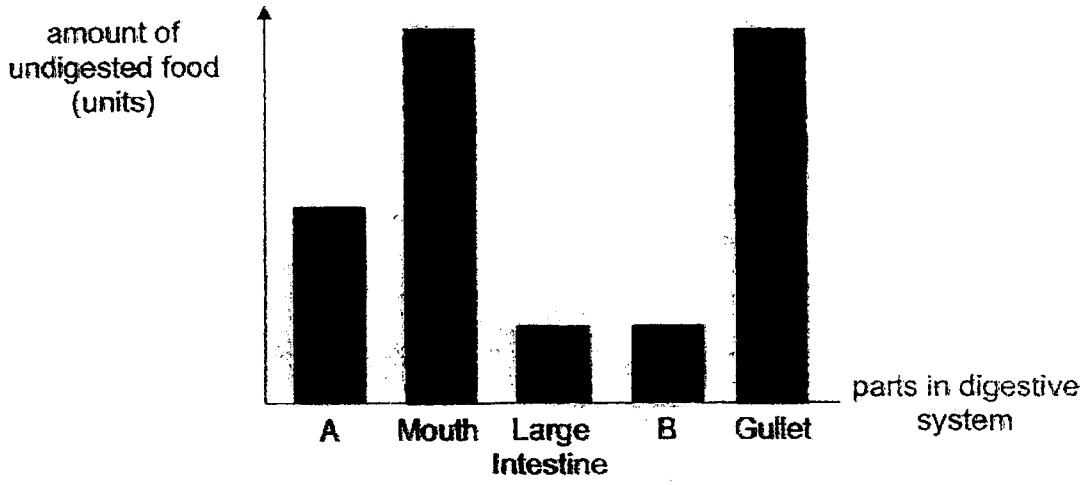
Section B (11 marks)

For questions 8 to 10, write your answers in the spaces provided.

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

---

8 The graph below shows the amount of undigested food leaving the different parts of the digestive system.



(a) Identify parts A and B. [2]

Part A: _____

Part B: _____

(b) Based on the graph above, why is the amount of undigested food leaving the mouth and the gullet the same? [1]

_____

_____

(c) Explain how chewing food many times can result in a lower amount of undigested food leaving the digestive system. [1]

_____

_____

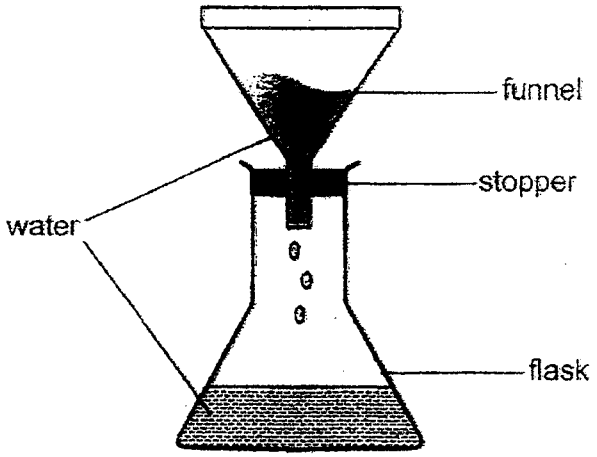
(Go on to the next page)

4

Downloaded from SingaKids.com

9 Jamiel placed a funnel on a conical flask to fill it with water.

When he poured water into the funnel, he observed that the water dripped slowly into the flask.



(a) State the property of a liquid that allows the water to fill up the funnel when poured into it. [1]

_____

_____

(b) Jamiel observed that the water stopped dripping into the flask after some time even though there was still water in the funnel.

Give a reason why the water stopped dripping into the flask. [1]

_____

_____

(c) Jamiel wants all the water in the funnel to drip into the flask. Without adding any equipment, suggest a way for all the water in the funnel to completely drip into the flask. [1]

_____

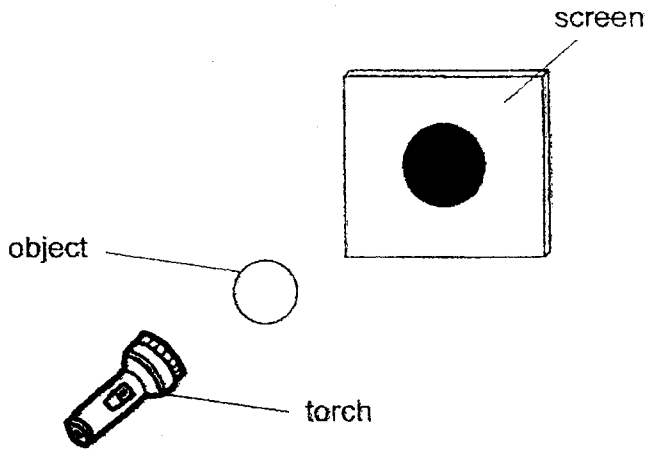
_____

(Go on to the next page)

3

Downloaded from SingaKids.com

10 Jenny placed an object between a torch and a screen and observed a shadow forming on the screen.



(a) State one property of light that causes shadows to be formed. [1]

_____

(b) Without moving the object, suggest one thing Jenny can do to form a larger shadow on the screen. [1]

_____

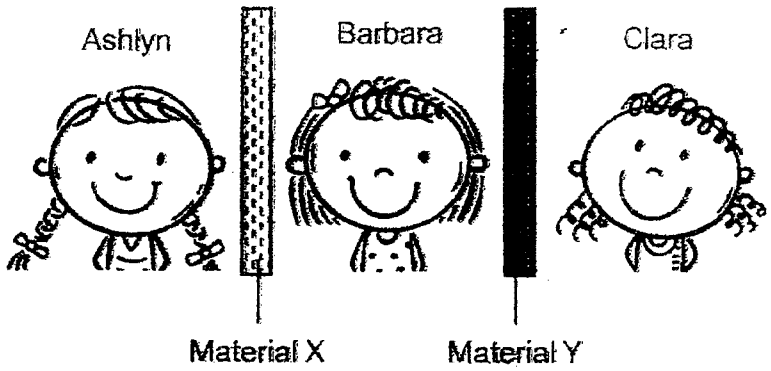
_____

(Go on to the next page)

2

Downloaded from SingaKids.com

Three children stood in a straight line with different materials between them as shown in the diagram below.



(c) Clara observed that she can see Barbara but not Ashlyn.

Based on the observation, put a tick (✓) in the correct column in the table. [2]

Material	Allows most light to pass through	Does not allow light to pass through
X		
Y		

End of Paper

2

Downloaded from SingaKids.com

Downloaded from SingaKids.com

YEAR : 2025
LEVEL : PRIMARY 4
SCHOOL : AI TONG SCHOOL
SUBJECT : SCIENCE
TERM : TERM 2 REVIEW

SECTION A

Q1	4	Q2	2	Q3	1	Q4	3
Q5	1	Q6	3	Q7	3		

Q8

a) Part A : Stomach
Part B : Small intestine
b) there is no digestion in the gullet.
c) chewing food well increases the exposed surface area of the food for faster digestion.

Q9

a) liquid has no definite shape
b) the air in the flask cannot escape and air occupies space and cannot be compressed further.
c) remove the stopper/poke holes in the stopper

Q10

a) light travels in a straight line.
light cannot pass through an opaque object. Only some light can pass through a translucent object
b) Move the torch closer to the object OR Move the screen further from the object.
c)

Material	Allows most light to pass through	Does not allow light to pass through
X		✔
Y	✔	

END

Downloaded from SingaKids.com

Downloaded from SingaKids.com