




Primary 4 - Term 4 Science (Maris Stella)

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 Assign Test

Test Introduction

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72 Questions (83 Points)

Question Bank: 19,950 Questions 

Test Questions

1 Test Assignment

Question 1

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Booklet A (28 x 2 marks)

For each question from 1 to 28, four options are given. One of them is the correct answer.

An earthworm coils itself up when touched.



This shows that the earthworm is a living thing because it can _____

- A) grow
- B) breathe
- C) respond
- D) reproduce

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,970,912

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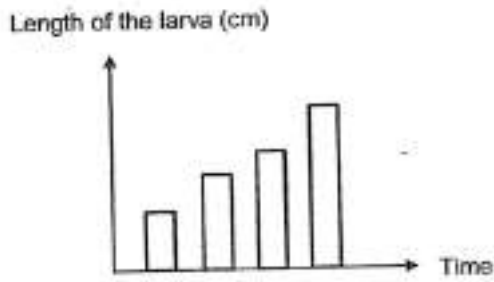
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Question 2

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Nancy observed the larva of an insect over three weeks. She measured the length of the larva and plotted the graph shown below.



Which characteristics of living things is shown from the above results?

- A) Living things die
- ✓ B) Living things grow
- C) Living things reproduce
- D) Living things need air, food and water to survive

Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Wed 20th Jan 2021
 Last Modified: N/A
 QID#: 25,970,978

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Question 3

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

The table below shows the characteristic(s) of organisms A, B and C.
 A tick (✓) indicates that the characteristic is present.

	A	B	C
Has a 3-stage life cycle	✓	✓	
Young resembles adult		✓	
Adult has wings		✓	✓

Which one of the following is correct?

	A	B	C
(1)	cockroach	frog	butterfly
(2)	cockroach	butterfly	frog
(3)	butterfly	frog	cockroach
(4)	frog	cockroach	butterfly

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



Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,970,987

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Question 4

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Which one of the following comparisons between fungi and non-flowering plants is correct?

	Fungi	Non-flowering plant
(1)	can only be seen under a microscope	can be seen without a microscope
(2)	reproduces from spores	reproduces from seeds
(3)	cannot make its own food	can make its own food
(4)	does not move by itself	moves by itself

- A) 1
 B) 2
 ✓ C) 3
 D) 4

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,970,989

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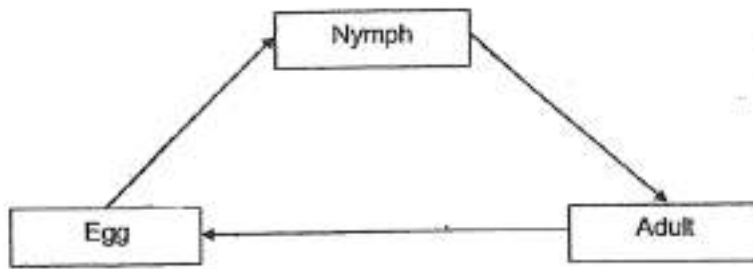
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Question 5

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

The diagram below shows the life cycle of an animal.



Which animal is likely to have the life cycle as shown above?

- A) frog
- B) chicken
- C) butterfly
- ✓ D) cockroach

Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Wed 20th Jan 2021
 Last Modified: N/A
 QID#: 25,971,039

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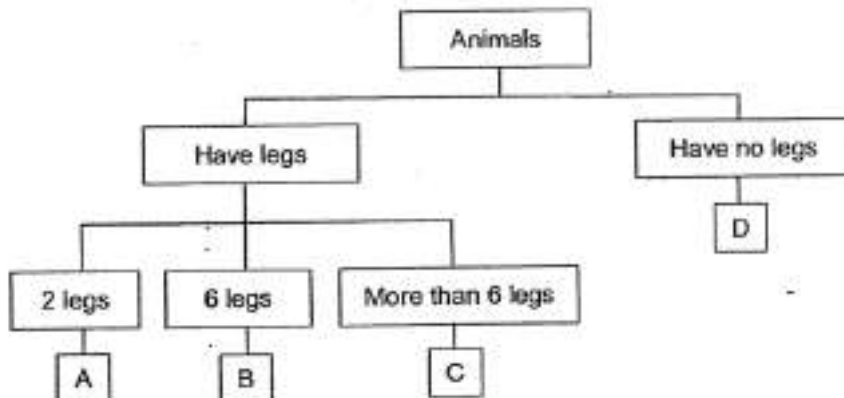
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Question 6

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Study the classification chart below.



Which animal is most likely an insect?

- A) A
- ✓ B) B
- C) C
- D) D

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,971,045

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Question 7

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Two identical boxes were hung on material A and material B. The strip of material B broke after the box was hung on it.



Based on the observation above, what can we conclude about materials A and B?

- A) Material A is stronger than Material B
- B) Material B is stronger than Material A
- C) Material A is more flexible than Material B
- D) Material B is more flexible than Material A

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,971,056

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Question 8

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Which one of the following objects can be bent easily without breaking?

A)



A sheet of glass

B)



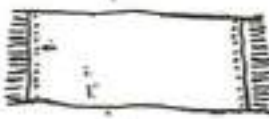
A wooden spoon

C)



A metal ruler

✓ D)



A towel

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,971,071

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Question 9

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Which one of the following is true for both air and water?

- A) They can be seen
- ✓ B) They take up space
- C) They have fixed shapes
- D) They have fixed volumes

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,971,086

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Question 10

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Sally set up an experiment as shown below.



What is the aim of her experiment?

- ✓ A) To find out if air has mass
- B) To find out if air has volume
- C) To find out if air can be compressed
- D) To find out if air has a definite shape

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,971,099

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Question 11

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Matter is anything that has mass and occupies space.
Which one of the followings is not matter?

- A) air
- B) oil
- ✓ C) light
- D) stone

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,971,109

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Question 12

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Bala was asked to measure the volume of a marble. Which of the apparatus show below should be use to get a more accurate reading?

✓ A)



B)



C)



D)



Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Jan 2021
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QID#: 25,971,127

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Question 13

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Which one of the following is a source of light?

A)



a mirror

B)



a shadow

✓ C)



candle

D)



moon

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,971,144

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Question 14

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

The diagrams below show the human body systems.



System P



System Q



System R



System S

Which of the following body systems carries substances to all parts of our body?

- ✓ A) P
- B) Q
- C) R
- D) S

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Jan 2021
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QID#: 25,971,155

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Question 15

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

In which part of the digestive system is digested food absorbed into the blood?

- A) Gullet
- B) Stomach
- ✓ C) Small intestine
- D) Large intestine

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,971,164

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Question 16

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Which one of the following is the function of a leaf of a plant?

- ✓ A) makes food

- B) takes in water
- C) holds plant upright
- D) takes in mineral salts

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,971,170

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Question 17

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Noah boiled some water in the kettle shown below.



He is able to hold the kettle of hot water using the plastic handle because plastic is a _____.

- A) flexible material
- B) lightweight material
- ✓ C) poor conductor of heat
- D) good conductor of heat

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,972,617

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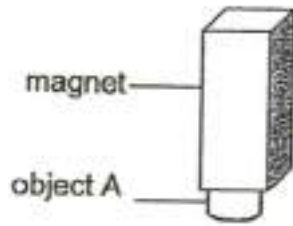
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Question 18

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Object A was attracted to a magnet as shown in the figure below.



Which of the following could object A be made of?

- ✓ A) steel
- B) wood
- C) plastic
- D) rubber

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,972,625

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Question 19

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

In which direction will a freely-suspended magnet come to rest?

- A) East-West
- B) South-East
- ✓ C) North-South
- D) North-West

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,972,631

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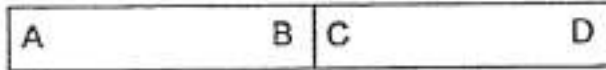
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Question 20

Primary 4 Science » Primary 4 Science (Term 4)

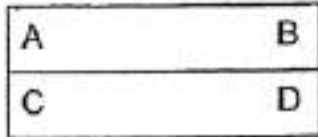
2 pts

Dylan arranged two magnets AB and CD as shown below.

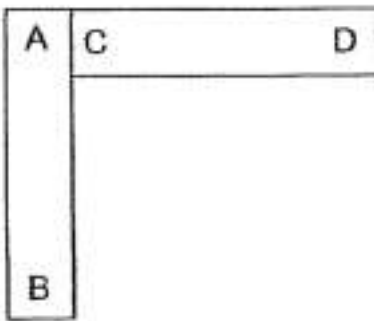


Which one of the following arrangements is possible?

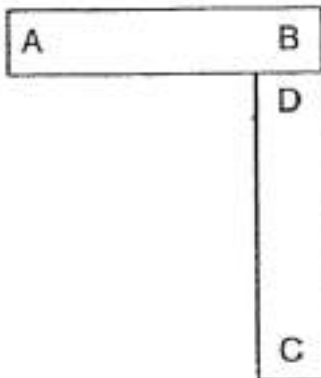
A)



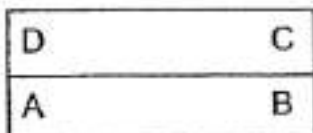
B)



C)



✓ D)



Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Wed 20th Jan 2021

Last Modified: N/A
QID#: 25,972,638

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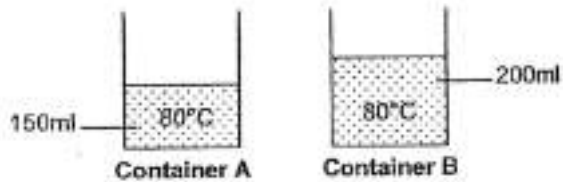
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Question 21

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

The diagram below shows two identical containers filled with different amounts of water at the same temperature.



Which of the following statements is true?

- A) A has more heat than B
- ✓ B) B has more heat than A
- C) B has a higher temperature than A
- D) A and B have the same amount of heat

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,972,644

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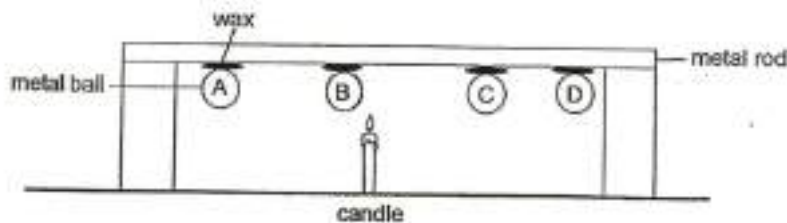
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Question 22

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

All stuck four metal balls, A, B, C and D, to a metal rod using equal amounts of wax. A lit candle was placed below the metal rod as shown in the diagram.



The metal balls will fall off the metal rod when the wax melts.

Which of the following metal balls will fall off first?

- A) A
- ✓ B) B
- C) C
- D) D

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,972,649

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Question 23

Primary 4 Science » Primary 4 Science (Term 4)

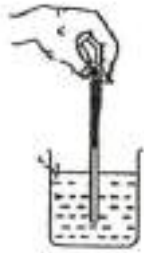
2 pts

Cathy wants to measure the temperature of hot water in a beaker. Which one of the following diagrams shows the correct position of the thermometer when taking the temperature reading?

A)



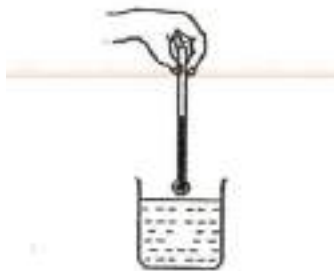
B)



✓ C)



D)



Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,972,667

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Question 24

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Jack's mother put the bottle of hot milk into a basin of tap water to cool it down.



The temperature of the milk after 5 minutes will likely be _____.

- A) 20°C
- ✓ B) 38°C
- C) 60°C
- D) 85°C

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,972,678

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Question 25

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Hannah tested the magnetic strength of the 4 electromagnets and recorded the results in the table below.

Electromagnet	Number of coils of wire	Number of paper clips attracted
W	8	1
X	13	3
Y	22	5
Z	35	9

What can Hannah conclude from the results above?

- A) W has not been magnetised
- B) Y is the strongest electromagnet
- C) The more coils of wire the weaker the magnetism
- ✓ D) The more coils of wire the stronger the magnetism

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,972,692

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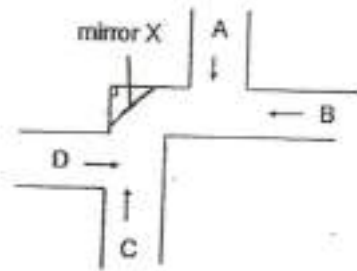
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Question 26

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

The diagram below shows four boys, A, B, C and D, walking from different directions.



Which two boys can see each other in mirror X?

- A) A and C
- B) B and D
- C) A and D
- ✓ D) B and C

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,972,704

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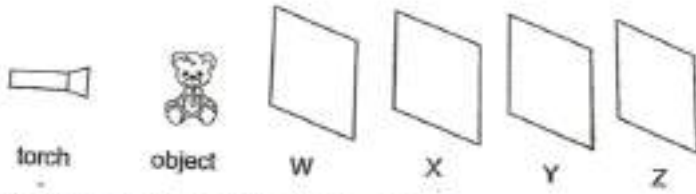
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Question 27

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Samuel carried out the following experiment in a dark room. He arranged sheets W, X, Y and Z in a straight line and placed an object in front of the torch.



He switched on the torch and a shadow of the object was formed on sheet Y.

Which of the following about the properties of sheets W, X, Y and Z is correct?

	Allow most light to pass through	Do(es) not allow light to pass through
(1)	W and X	Y
(2)	W and X	Z
(3)	Y	W and X
(4)	Z	W and X

- ✓ A) 1
B) 2
C) 3
D) 4

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,972,721

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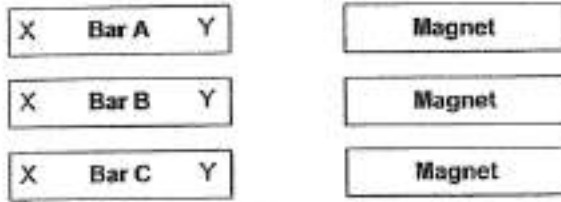
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Question 28

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Kate has three bars, A, B and C. She carried out an experiment by placing a magnet near each of these bars. X and Y shows the ends of the bars.



Kate recorded her observations in the table below.

Bar	Observations
A	X is attracted to both poles of the magnet. Y is attracted to both poles of the magnet.
B	X is attracted to one pole of the magnet. Y repelled one pole of the magnet.
C	Both X and Y are not attracted by the magnet.

Which of the following statements about bar A, B and C is correct?

- A) Both bars A and B are magnets
- B) Bar C can be made into a magnet
- C) Bar A cannot be made into a magnet
- ✓ D) Both bars A and B are made of magnetic materials

Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Wed 20th Jan 2021
 Last Modified: N/A
 QID#: 25,972,730

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

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Question 29

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

Booklet B

This section is designed for extended answers that parent/ teacher will have to assign and guide child to attempt after the test has been completed.

Grading: This question type is not graded on this system and will not affect the final score as it was designed in such a way that it requires manual assistance.

Study the table below.

W	X
liger ant mushroom	stone cloth pen

(a) What are the suitable headings for W and X? [2]

Group W: _____

Accepted answers:

✓ Living things

Question Type: Free Text
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,972,743

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

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Question 30

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

Group X: _____

Accepted answers:

✓ Non-living things

Question Type: Free Text
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,972,748

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Question 31

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

Would you place yeast in group W or group X?

✓ A) W

B) X

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,972,752

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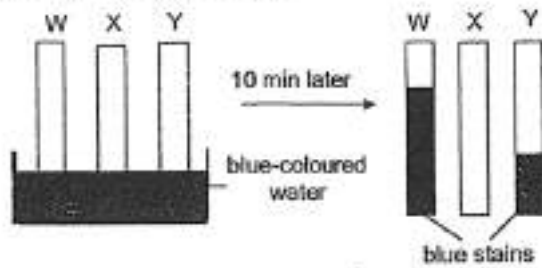
Question 32

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

Match the options below:

An experiment was conducted to find out the absorbcency of 3 materials, W, X and Y. The results are as shown below.



Arrange materials W, X and Y starting from the most absorbent material. [1]

Clue	Match
Most absorbent	W
absorbent	Y
Least absorbent	X

Question Type: Matching

Grade style: Full points if all answers are correct

Shuffle Mode: Shuffle Matches Only

Date Added: Wed 20th Jan 2021

Last Modified: N/A

QID#: 25,972,768

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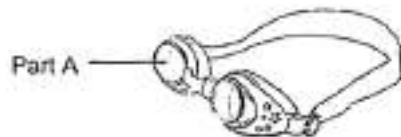
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Question 33

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

Swimmers wear goggles to allow them to see clearly underwater.



(b) Which material, W, X or Y, is most suitable to make part A of the goggles? [1]

- A) W
- ✓ B) X
- C) Y

Question Type: Multiple Choice

Randomize Answers: No

Date Added: Wed 20th Jan 2021

Last Modified: N/A

QID#: 25,972,772

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

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Question 34

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Based on the results of the experiment, give a reason for your answer in (b)

Question Type: Essay
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,972,779

Correctly answered feedback

Because it does not allow water to be absorbed

Incorrectly answered feedback

Because it does not allow water to be absorbed

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Question 35

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

State another property of material that part A must have to allow the swimmer to see clearly underwater

Accepted answers:

✓ Transparent

Question Type: Free Text
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,972,789

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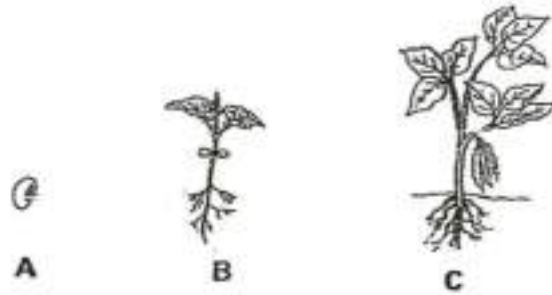
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Question 36

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

The diagram below shows the stages in the life cycle of a plant.



Choose the correct words from the box to answer question 31 (a).

egg seed young plant adult plant

Name stages A and B in the life cycle of the plant.

A: _____

- A) egg
- ✓ B) seed
- C) young plant
- D) adult plant

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,972,799

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 37

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

B: _____

- A) egg
- B) seed
- ✓ C) young plant
- D) adult plant

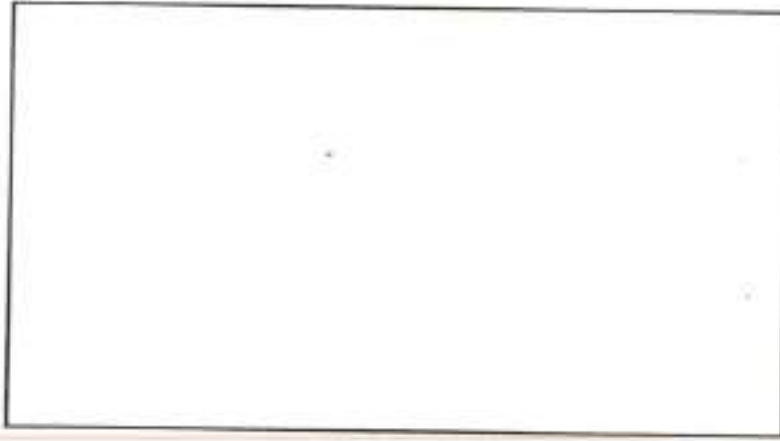
Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,972,802

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 38

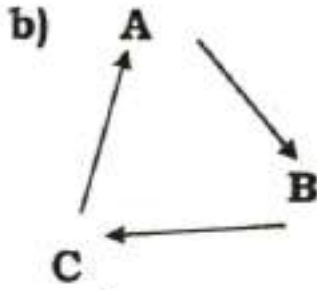
(b) Draw the life cycle of the plant using letters A, B and C. [1]



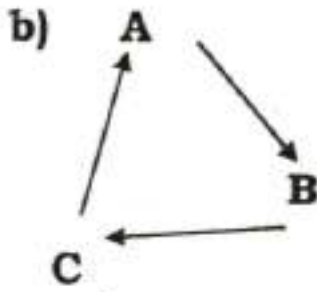
Please type "done" to proceed to the next question

Question Type: Essay
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,972,813

Correctly answered feedback



Incorrectly answered feedback

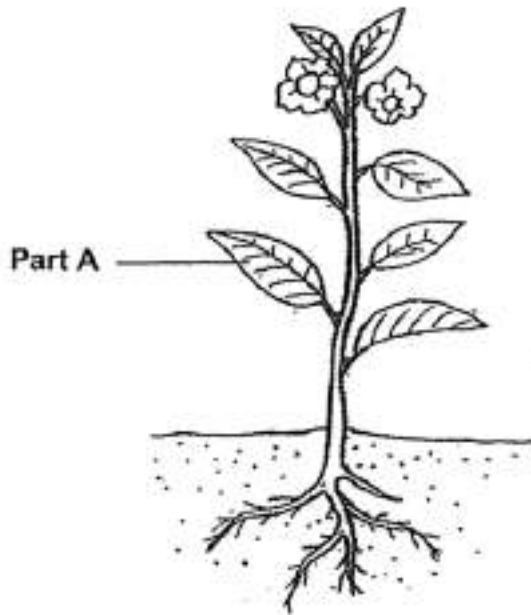


[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 39

The diagram below shows a plant.



Name plant part A.

Accepted answers:

✓ leaves

Question Type: Free Text
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,972,818

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 40

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

Name one substance that the roots of the plant take in from the soil.

Accepted answers:

✓ mineral salts

Question Type: Free Text
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,972,825

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 41

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Besides taking in substances from the soil, state another function of the roots

Question Type: Essay
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,972,831

Correctly answered feedback

The roots anchors the plant down

Incorrectly answered feedback

The roots anchors the plant down

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

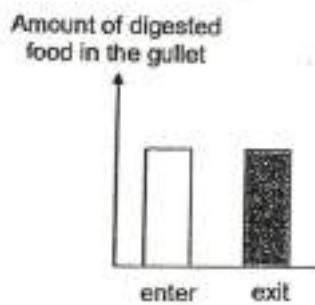
[Remove From Test](#)

Question 42

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

The graph below represents the amount of digested food entering and exiting the gullet.



Why was there no change in the amount of digested food entering and exiting the gullet? [1]

Question Type: Essay
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,972,836

Correctly answered feedback

No digestion takes place in the gullet

Incorrectly answered feedback

No digestion takes place in the gullet

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

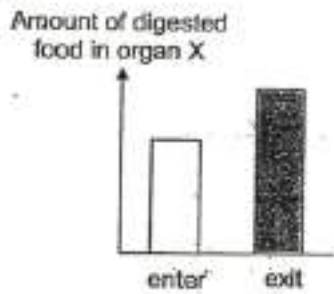
[Remove From Test](#)

Question 43

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

Study the graph below.



Circle the correct answer.

The amount of digested food exiting organ X was

(more than/ less than/ the same as) the amount of food entering it. [1]

- ✓ A) more than
- B) less than
- C) the same as

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,972,842

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 44

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

What could organ X be?

Accepted answers:

- ✓ stomach

Question Type: Free Text
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,972,846

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

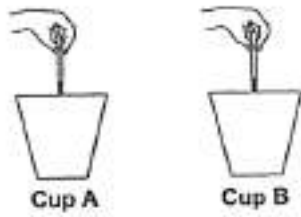
[Remove From Test](#)

Question 45

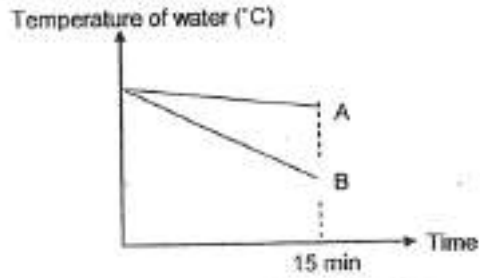
Primary 4 Science » Primary 4 Science (Term 4)

1 pt

All conducted an experiment to find out which cup is made of a better conductor of heat. He poured the same amount of hot water into each cup and measured the temperature of the water over a period of 15 minutes.



The graph below shows his results.



Which cup, A or B is made of a better conductor of heat?

[1]

- A) A
 ✓ B) B

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,972,851

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 46

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Give a reason for your answer in (a)

Question Type: Essay
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,972,861

Correctly answered feedback

The temperature of water in B decreased faster.

Incorrectly answered feedback

The temperature of water in B decreased faster.

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 47

Primary 4 Science » Primary 4 Science (Term 4)

0.5 pts

Indicate the heat transfer between the hot water and the cup when hot water was poured into the cup:

Cup: _____

- ✓ A) Heat gain
- B) Heat loss

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,972,872

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 48

Primary 4 Science » Primary 4 Science (Term 4)

0.5 pts

Hot water: _____

- A) Heat gain
- ✓ B) Heat loss

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,972,875

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

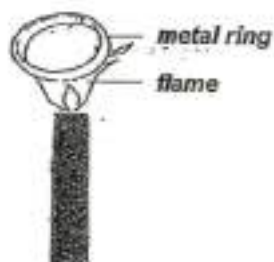
[Remove From Test](#)

Question 49

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

A metal ring was heated over the flame.



Will the size of the metal ring increase, decrease or remain the same after heating? [1]

- ✓ A) increase
- B) decrease
- C) remain the same

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,972,883

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 50

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Give a reason for your answer in (a)

Question Type: Essay
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,972,893

Correctly answered feedback

Because the metal ring was heated. Thus, the metal ring gained heat and expanded

Incorrectly answered feedback

Because the metal ring was heated. Thus, the metal ring gained heat and expanded

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 51

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

Two pots were stuck together as shown together.



Which pot, A or B, should be heated so that the pots can be separated more easily?

[1]

- A) A
 ✓ B) B

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,972,900

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 52

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

Pots are usually made of metal because metal is a ___ conductor of heat

Accepted answers:

✓ good

Question Type: Free Text
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,972,903

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)**Question 53**

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

Sarah places a magnet near an iron rod. The iron rod moves towards the magnet.



The magnet exerts a _____ on the iron rod. [1]

Accepted answers:

✓ attraction

Question Type: Free Text
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,972,910

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)**Question 54**

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

Sarah's observation shows that iron is a ___ material.

- A) flexible
✓ B) magnetic
C) strong

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,972,917

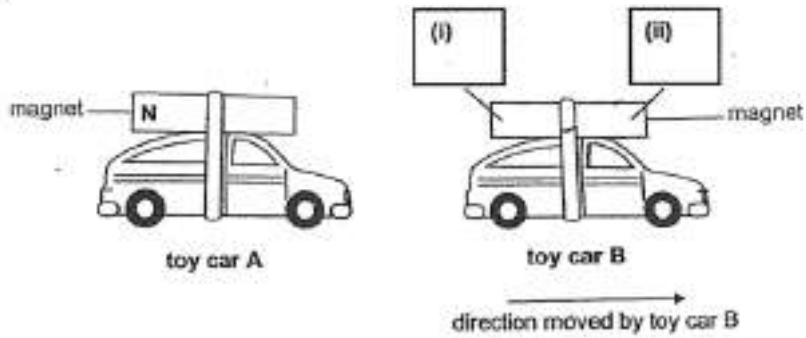
[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)**Question 55**

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Sarah placed toy cars A and B next to each other as shown in the diagram below.



She observed that toy car B moved away from toy car A.

- (c) The N-pole of the magnet on car A has been labelled. Label the poles of the magnet on car B with letters 'N' and 'S' in the diagram above. [1]

Question Type: Essay
 Date Added: Wed 20th Jan 2021
 Last Modified: N/A
 QID#: 25,972,927

Correctly answered feedback

(i) S

(ii) N

Incorrectly answered feedback

(i) S

(ii) N

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 56

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

Study the table below.

Set-up	Number of batteries	Number of coils of wire	Number of paper clips attracted
P	1	15	10
Q	1	20	20
R	2	15	25

Joan wants to find out if the number of batteries affects the magnetic strength of the electromagnet.

Which two set-ups should she choose? [1]

- ✓ A) P
- B) Q
- ✓ C) R

Question Type: Multiple Response
Randomize Answers: No
Grade style: Full points if all answers are correct
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,972,937

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 57

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

What is the relationship between the number of batteries and the number of paper clips attracted by the electromagnet?

Question Type: Essay
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,972,947

Correctly answered feedback

As the number of batteries increase, the more number of paper clips attracted.

Incorrectly answered feedback

As the number of batteries increase, the more number of paper clips attracted.

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 58

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Besides changing the number of batteries, what is another way to increase the magnetic strength of the electromagnet?

Question Type: Essay
Date Added: Wed 20th Jan 2021
Last Modified: N/A

QID#: 25,972,952

Correctly answered feedback

Increase the number of coils

Incorrectly answered feedback

Increase the number of coils

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)
[Remove From Test](#)**Question 59**

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

State another method to make a temporary magnet

Question Type: Essay**Date Added:** Wed 20th Jan 2021**Last Modified:** N/A**QID#:** 25,972,958**Correctly answered feedback**

The stroking method

Incorrectly answered feedback

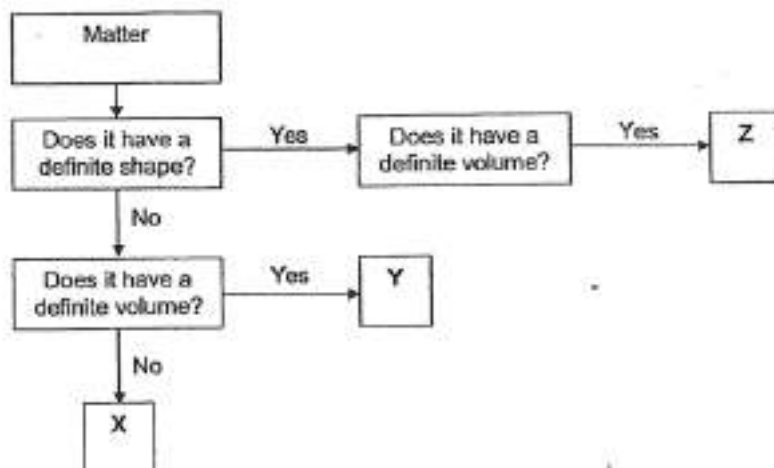
The stroking method

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)
[Remove From Test](#)**Question 60**

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

Study the flow chart below.



Which letter, X, Y or Z, represents the following states of matter? [2]

Solid: _____

A) x

B) y

✓ C) z

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,972,966

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 61

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

Liquid: _____

- A) x
✓ B) y
C) z

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,972,968

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 62

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

state one similarity between X and Y

Question Type: Essay
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,972,974

Correctly answered feedback

Both X and Y does not have a definite shape

Incorrectly answered feedback

Both X and Y does not have a definite shape

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 63

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

State one difference between Y and Z

Question Type: Essay
Date Added: Wed 20th Jan 2021
Last Modified: N/A

QID#: 25,972,976

Correctly answered feedback

Z has a definite shape whi.e Y does not have a definite shape

Incorrectly answered feedback

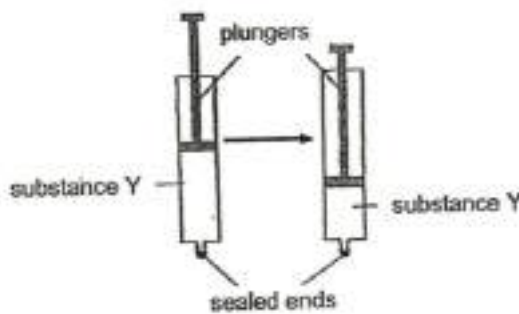
Z has a definite shape whi.e Y does not have a definite shape

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)
[Remove From Test](#)**Question 64**

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

Tom filled a syringe with substance Y and sealed the end of the syringe to stop substance Y from coming out. The diagram below shows what happens when the plunger is pushed into the syringe.



Based on the observation above, what is the state of matter of substance Y? [1]

Accepted answers:

✓ gas

Question Type: Free Text
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,972,985

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)
[Remove From Test](#)**Question 65**

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Based on the observation above, state one property of substance Y

Question Type: Essay
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,972,989

Correctly answered feedback

Substance Y can be compressed

Incorrectly answered feedback

Substance Y can be compressed

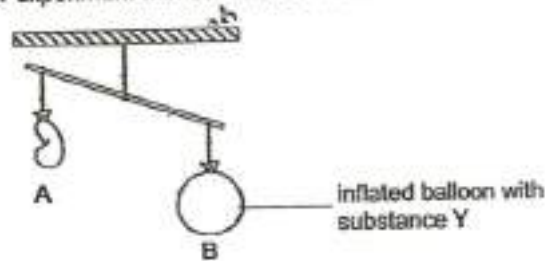
[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)**Question 66**

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Tom conducted another experiment with substance Y as shown below.



It was observed that B moved downwards.

c) Based on his observation, what can you conclude about substance Y? [1]

Question Type: Essay
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,972,993

Correctly answered feedback

Substance Y has mass

Incorrectly answered feedback

Substance Y has mass

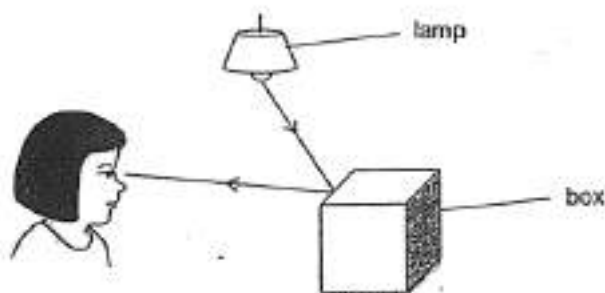
[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)**Question 67**

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

The diagram below shows how Janet sees the box.



The _____ from the lamp is _____ by the box and enters Janet's eye. [2]

Accepted answers:

- ✓ light reflected
- ✓ light,reflected
- ✓ light, reflected

Question Type: Free Text
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,973,004

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

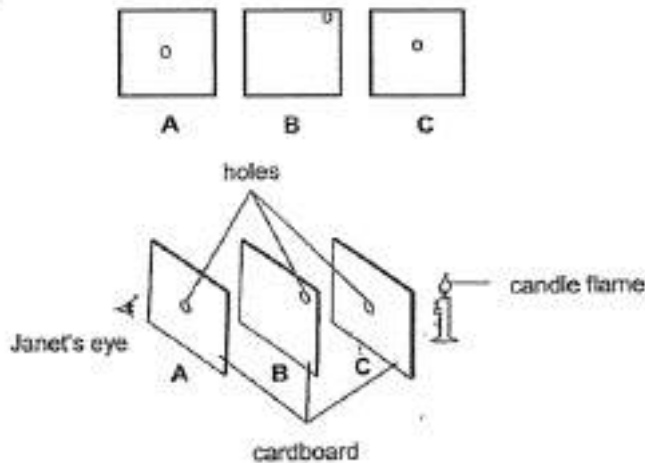
[Remove From Test](#)

Question 68

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Janet made some holes in three pieces of cardboard and arranged them as shown below.



- (b)** Janet could not see the flame from where she is.
 Which property of light does this show?

[1]

Question Type: Essay
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,973,011

Correctly answered feedback

Light travels in a straight line

Incorrectly answered feedback

Light travels in a straight line

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

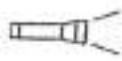
[Remove From Test](#)

Question 69

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

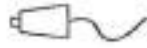
Edward conducted an experiment as shown below.



Torch



Material



Light sensor

- The amount of light detected by the light sensor when different materials were placed between the torch and the light sensor is recorded below.

Material	No material	X	Y
Amount of light detected (lux)	500	200	0

Based on the results, state the properties of materials X and Y. [2]

Material X: _____

Accepted answers:

✓ translucent

Question Type: Free Text
 Date Added: Wed 20th Jan 2021
 Last Modified: N/A
 QID#: 25,973,015

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 70

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

Material Y: _____

Accepted answers:

✓ opaque

Question Type: Free Text
 Date Added: Wed 20th Jan 2021
 Last Modified: N/A
 QID#: 25,973,020

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

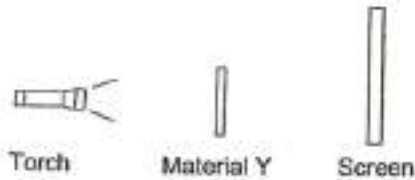
[Remove From Test](#)

Question 71

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Material Y is placed between a torch and the screen as shown in the diagram below.



i) What will Edward observe on the screen when the torch is switched on? [1]

Question Type: Essay
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,973,023

Correctly answered feedback

A shadow

Incorrectly answered feedback

A shadow

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 72

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Without moving the screen and torch, how can Edward make the shadow bigger?

Question Type: Essay
Date Added: Wed 20th Jan 2021
Last Modified: N/A
QID#: 25,973,030

Correctly answered feedback

He could move material X nearer to the torch

Incorrectly answered feedback

He could move material X nearer to the torch

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)