



Tests Edit Test Tests  Groups  Links **Primary 4 - Term 4 Science (Henry Park)** ↗ Duplicate Print Delete Assign Test**Test Introduction**[+ Add Introduction](#)**60 Questions** (70 Points)Question Bank: 19,950 Questions 

Test Questions

1 Test Assignment

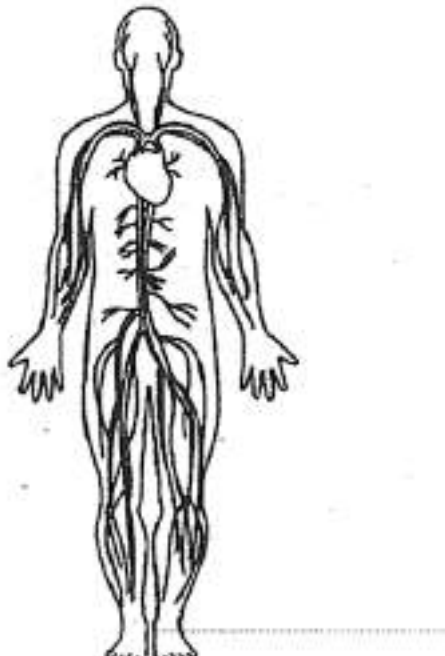
Question 1

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.

Which organ system is shown in the diagram?

- A) digestive system
- B) muscular system
- ✓ C) circulatory system
- D) respiratory system

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 1st Dec 2020
Last Modified: N/A
QID#: 25,157,365

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

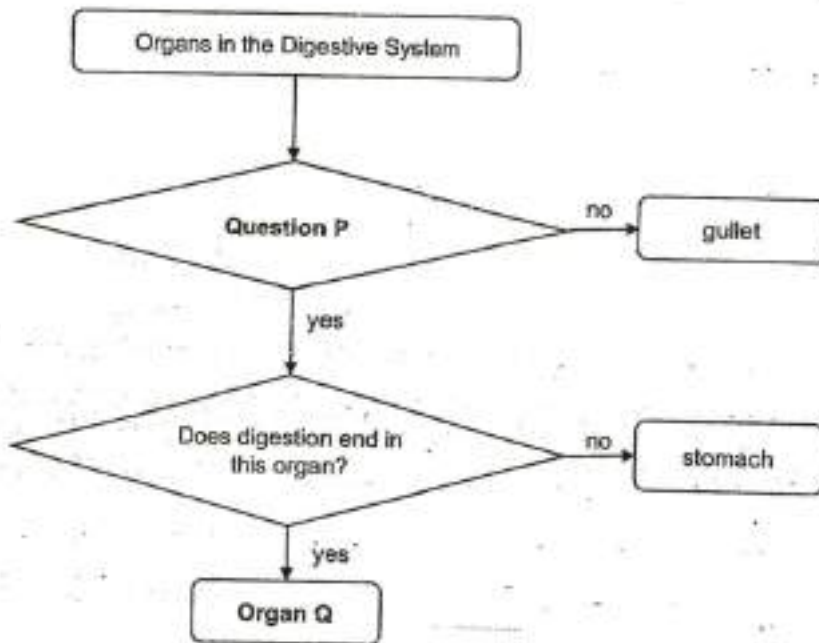
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Question 2

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Study the flow chart shown below.



Which one of the following is correct?

	Question P	Organ Q
(1)	Does it produce digestive juice?	Small intestine
(2)	Does it lead food to the stomach?	Large intestine
(3)	Does it break food into smaller pieces?	Mouth
(4)	Does it remove water from undigested food?	Small intestine

- ✓ A) 1
 B) 2
 C) 3
 D) 4

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 1st Dec 2020
Last Modified: N/A
QID#: 25,157,376

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Question 3

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

The arrow (---->) in the diagram below shows the direction of movement of a substance on plants

roots ----> stem ----> leaves

What is this substance?

- A) soil
- B) food
- ✓ C) water
- D) oxygen

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 1st Dec 2020
Last Modified: N/A
QID#: 25,157,385

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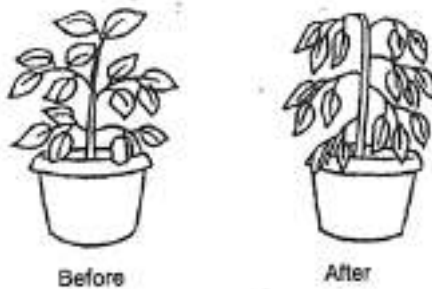
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Question 4

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Sally spread a layer of clear cooking oil on the stem and both surfaces of the leaves of a plant. The plant was then placed in the sun and watered every day.



A few days later, she noticed that the plant had withered.

The plant withered because the layer of clear cooking oil prevented the plant from

- ✓ A) exchanging gases
- B) absorbing nutrients
- C) absorbing water from the ground
- D) transporting food to other parts of the plant

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 1st Dec 2020
Last Modified: N/A
QID#: 25,157,394

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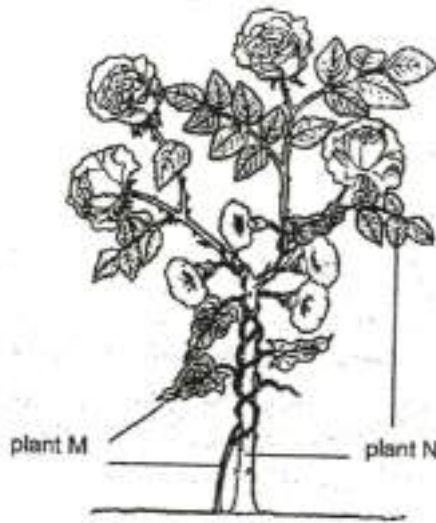
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Question 5

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

The diagram shows two different types of plants, M and N, growing in a garden.



Which of the following statements are correct about plants M and N?

- A Plant M has a weak stem.
- B Only plant N is a flowering plant.
- C The stems of both plants help the leaves to get sunlight.

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

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 1st Dec 2020
Last Modified: N/A
QID#: 25,157,405

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Question 6

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) mouth
- B) stomach
- C) large intestine
- ✓ D) small intestine

Question Type: Multiple Choice
Randomize Answers: No

Date Added: Tue 1st Dec 2020
 Last Modified: N/A
 QID#: 25,157,414

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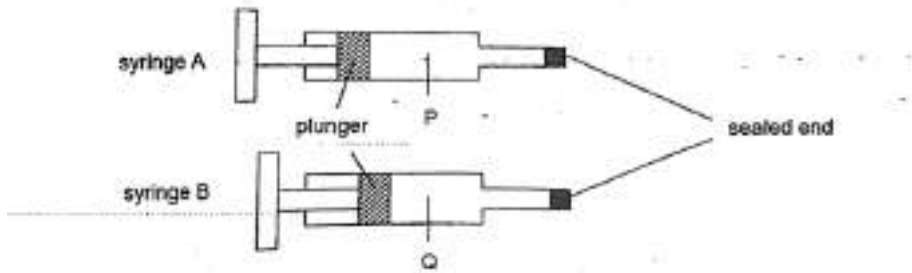
Question 7

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Two syringes, A and B, contain the same amount of substances P and Q respectively.

The plunger in the syringe A could not be pushed in while the plunger in syringe B could be pushed in slightly as shown in the diagram below.



Which of the following substances are most likely to be P and Q?

	P	Q
(1)	air	oil
(2)	oxygen	carbon dioxide
(3)	oil	water
(4)	water	air

- A) 1
 B) 2
 C) 3
 ✓ D) 4

Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Tue 1st Dec 2020
 Last Modified: N/A
 QID#: 25,157,421

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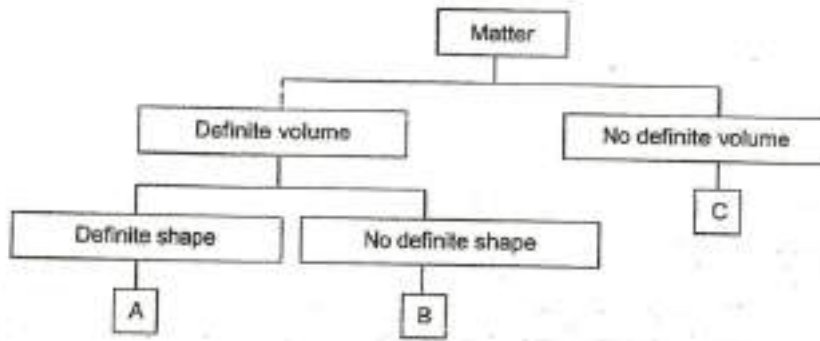
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Question 8

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Study the classification table shown below.



Based on the information given above, which one of the following is correct?

	A	B	C
(1)	pebble	water	air
(2)	pebble	air	water
(3)	water	pebble	air
(4)	water	air	pebble

- ✓ A) 1
B) 2
C) 3
D) 4

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 1st Dec 2020
Last Modified: N/A
QID#: 25,157,431

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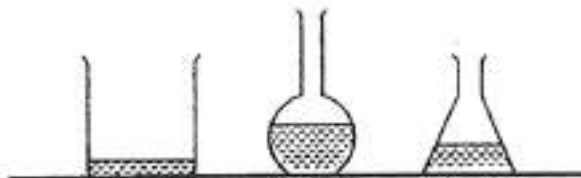
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Question 9

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Michael filled three different containers with the same amount of water as shown below.



What can he conclude from his experiment?

- A) Liquids have mass.
B) Liquids occupy space.
C) Liquids cannot be compressed.
D) Liquids take the shape of the container.

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

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 1st Dec 2020
Last Modified: N/A
QID#: 25,157,438

[Answers](#) |
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Question 10

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Which one of the following is the best conductor of heat?

- ✓ A) metal cup
- B) paper cup
- C) plastic cup
- D) wooden cup

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 1st Dec 2020
Last Modified: N/A
QID#: 25,157,448

[Answers](#) |
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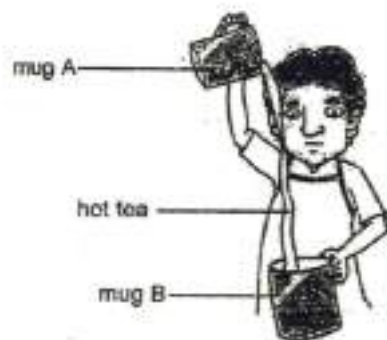
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Question 11

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

The picture below shows a man pouring hot tea from mug A to mug B and back to mug A.



The hot tea is cooled through this process of pouring and "pulling" it between the two mugs. The man repeats these actions continuously for a number of times.

The man did this to transfer heat from the _____

- A) mugs to the tea
- ✓ B) tea to the surrounding
- C) surroundings to the tea
- D) mugs to the surrounding

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 1st Dec 2020
Last Modified: N/A
QID#: 25,157,455

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

[Remove From Test](#)

Question 12

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

The best way to tell if someone is having a fever is to ____

- A) ask if the person feels warm
- B) use a data logger with a light sensor on the person
- C) use your hand and feel if the person's forehead is hot
- ✓ D) use a thermometer to measure the person's temperature

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 1st Dec 2020
Last Modified: N/A
QID#: 25,157,465

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

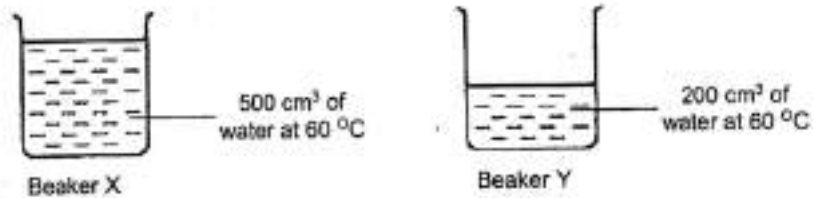
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Question 13

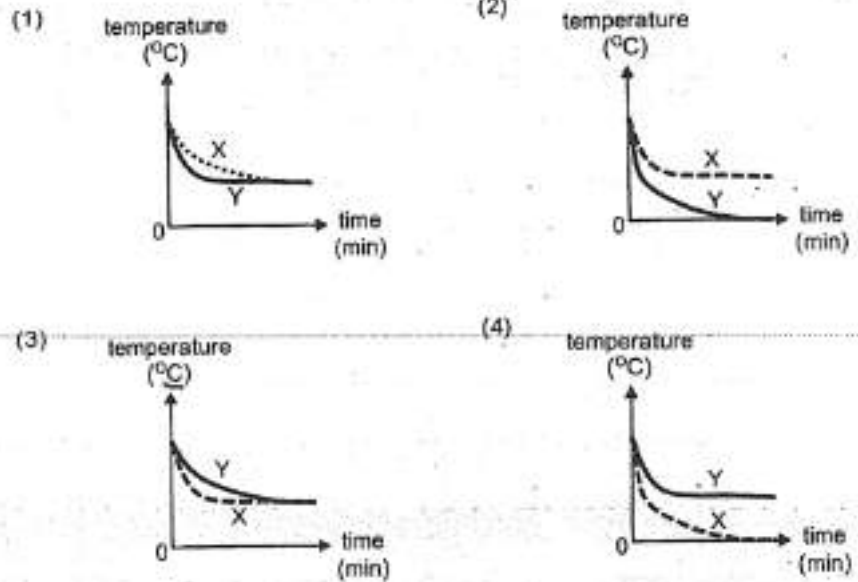
Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Yoo Jin left two identical beakers X and Y in her living room.



Which of the following graphs shows the likely changes in the temperature of the water in beakers X and Y?



- ✓ A) 1
B) 2
C) 3
D) 4

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 1st Dec 2020
Last Modified: N/A
QID#: 25,157,470

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

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Question 14

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

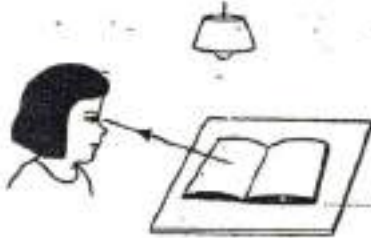
Look at the picture below.



Which one of the following explains why Sue can see the book on the table?



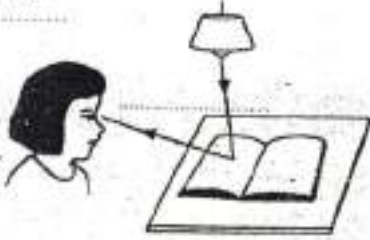
(1)



(2)



(3)



(4)



A) 1

B) 2

✓ C) 3

D) 4

Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Tue 1st Dec 2020
 Last Modified: N/A
 QID#: 25,157,482

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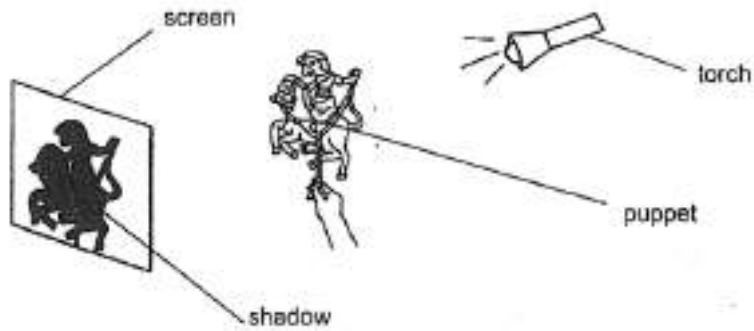
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Question 15

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

A shadow play is performed by placing a puppet between a screen and a torch.



The shadow cast on the screen can be made bigger by _____.

- A moving the torch further from the puppet
- B moving the torch closer to the puppet
- C moving the screen closer to the puppet
- D moving the screen further from the puppet

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

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 1st Dec 2020
Last Modified: N/A
QID#: 25,157,489

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Question 16





Primary 4 Science » Primary 4 Science (Term 4)

2 pts

An object is placed in front of a light source. A shadow is formed on the screen as shown below.



Which one of the following shows the object that could have been used to form the shadow?

- (1) 
- (2) 
- (3) 
- (4) 

- A) 1
- B) 2
- C) 3
- ✓ D) 4

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 1st Dec 2020
Last Modified: N/A
QID#: 25,157,494

[Answers](#) |
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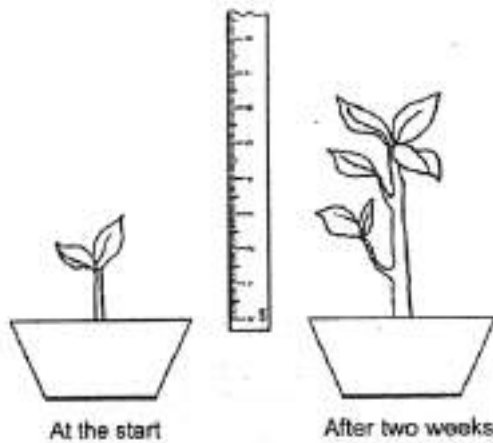
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Question 17

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Sarah found a plant in the garden and measured its height.



After two weeks, she measured its height again.

From her observation, Sarah concluded that the plant is a living thing because it can _____.

- ✓ A) grow
- B) breathe
- C) respond
- D) make food

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 1st Dec 2020
Last Modified: N/A
QID#: 25,157,517

[Answers](#) |
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 [Duplicate](#) |
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Question 18

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Which one of the following can be attracted by a magnet?

- ✓ A) iron rod
- B) glass rod
- C) plastic rod
- D) wooden rod

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 1st Dec 2020
Last Modified: N/A
QID#: 25,157,538

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

[Remove From Test](#)

Question 19

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

The diagrams below show a fern and some mushrooms.



Which of the following statements about the mushrooms and the fern is correct?

- A) Both the mushrooms and the fern make their own food
- B) The fern produces flowers but the mushroom does not
- C) The mushroom reproduce by spores but the fern does not
- ✓ D) The mushrooms and the fern needs air, food and water to survive

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 1st Dec 2020
Last Modified: N/A
QID#: 25,157,716

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

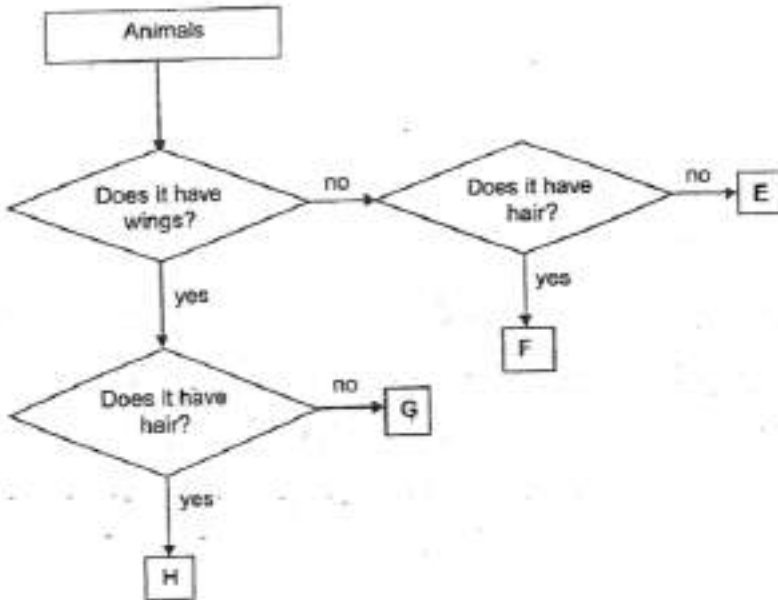
[Remove From Test](#)

Question 20

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Study the flow chart carefully.



In which group should animal Q be placed?



- A) E
- B) F
- ✓ C) G
- D) H

Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Tue 1st Dec 2020
 Last Modified: N/A
 QID#: 25,157,733

[Answers](#) |
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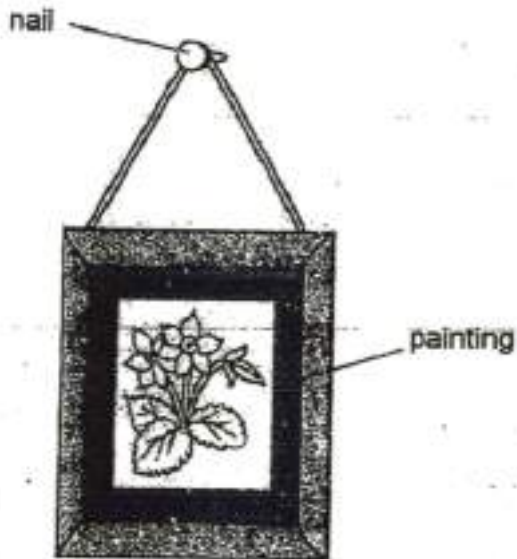
[Remove From Test](#)

Question 21

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

The diagram shows a painting hanging on a wall.



Steel is used to make nails because it _____

- A) is shiny
- ✓ B) is strong
- C) is magnetic
- D) sinks in water

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 1st Dec 2020
Last Modified: N/A
QID#: 25,157,741

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

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Question 22

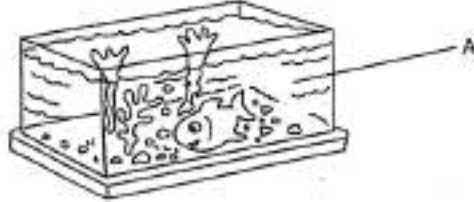
Primary 4 Science » Primary 4 Science (Term 4)

2 pts

The table below shows the properties of 4 different materials, W, X, Y and Z.

	Allows most light to pass through	Waterproof	Flexible
W		✓	✓
X	✓		✓
Y	✓	✓	
Z	✓	✓	✓

Key
✓ : present



Which of the following materials, W, X, Y, or Z, is most suitable for making part A of the fish tank shown above?

- A) W
- B) X
- ✓ C) Y
- D) Z

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 1st Dec 2020
Last Modified: N/A
QID#: 25,157,745

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

[Remove From Test](#)

Question 23

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Which animal has a pupa as a stage in its life cycle?

- A) frog
- B) chicken
- C) grasshopper
- ✓ D) mosquito

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 1st Dec 2020
Last Modified: N/A
QID#: 25,157,750

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

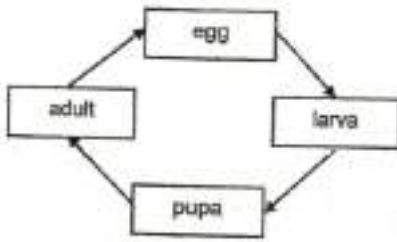
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Question 24

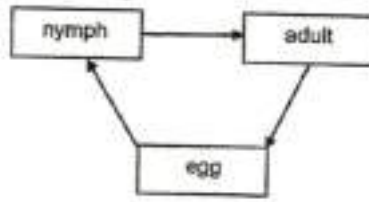
Primary 4 Science » Primary 4 Science (Term 4)

2 pts

The diagram below shows the life cycles of animals Y and Z.



Animal Y



Animal Z

Based on the life cycles above, which of the following statement(s) is likely to be correct?

- A Animal Y has 4 stages in its life cycle but animal Z has 3.
- B Animal Y lays eggs in water but animal Z lays eggs on land.
- C The young of animal Y looks like the adult but the young of the animal Z does not look like the adult.
- D Animal Y takes a longer time than animal Z to develop from an egg to an adult.

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

Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Tue 1st Dec 2020
 Last Modified: N/A
 QID#: 25,157,757

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

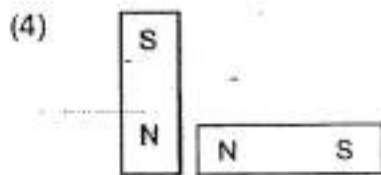
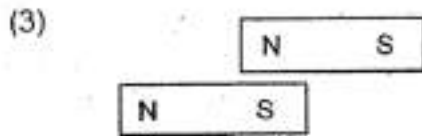
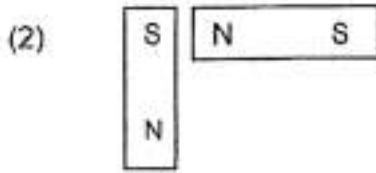
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Question 25

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

In which of the following would the two magnets push each other away?



- A) 1
 B) 2
 C) 3
 ✓ D) 4

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 1st Dec 2020
Last Modified: N/A
QID#: 25,157,761

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

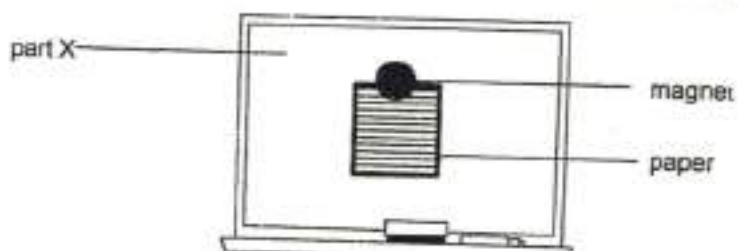
[Remove From Test](#)

Question 26

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

A magnet is used to hold a piece of paper on the whiteboard as shown below.



Which one of the following is part X of the whiteboard likely to be made of?

- ✓ A) Iron
- B) Plastic
- C) Copper
- D) Aluminium

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 1st Dec 2020
Last Modified: N/A
QID#: 25,157,769

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

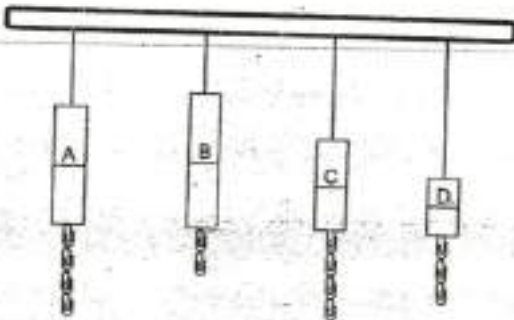
[Remove From Test](#)

Question 27

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Raja has four magnets, A, B, C and D. He carried out an experiment to find out which magnet was the strongest. The diagram below shows the number of steel paper clips attracted by each magnet.



Based on the diagram, which of the following statements is correct?

- A) Magnet D is the weakest
- B) Magnet B is the strongest
- ✓ C) Magnet B is weaker than Magnet D
- D) Magnet A is stronger than Magnet C

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 1st Dec 2020
Last Modified: N/A
QID#: 25,157,778

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

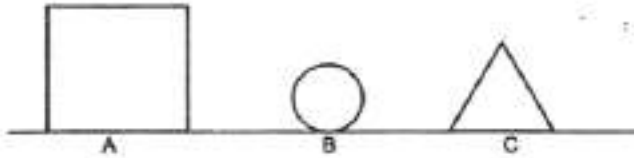
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Question 28

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

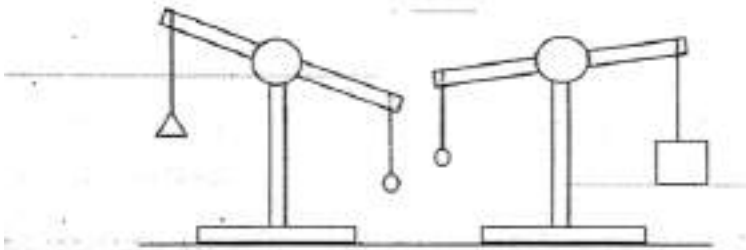
Benny has three objects, A, B and C as shown below.



He placed these objects into measuring cylinders, each containing 2ml of water.



He compared their mass as shown below.



Which of the following correctly identifies the objects with the largest volume and mass?

	Largest volume	Largest mass
(1)	A	C
(2)	B	A
(3)	A	B
(4)	B	C

- A) 1
 B) 2
 ✓ C) 3
 D) 4

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 1st Dec 2020
Last Modified: N/A
QID#: 25,157,787

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

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Question 29

Primary 4 Science » Primary 4 Science (Term 4)

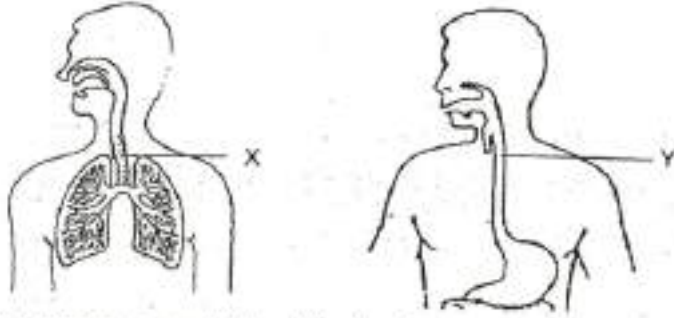
0 pts

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.

The diagrams below show two different organ systems in the human body.



Based on the diagrams, complete the table shown below.

[2]

	Name of organ	Substance that passes through the organ	Name of system that the organ belongs to
X	windpipe		
Y		food	

Please press "done" to proceed to the next question

Question Type: Essay
 Date Added: Tue 1st Dec 2020
 Last Modified: N/A
 QID#: 25,157,958

Correctly answered feedback

X	Windpipe	Air	Respiratory
Y	Gullet	Food	Digestive

Incorrectly answered feedback

X	Windpipe	Air	Respiratory
Y	Gullet	Food	Digestive

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

[Remove From Test](#)

Question 30

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

Name another organ in the digestive system where digestion does not take place

Accepted answers:

- ✓ large intestine
- ✓ The large intestine

Question Type: Free Text
Date Added: Tue 1st Dec 2020
Last Modified: N/A
QID#: 25,158,033

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

[Remove From Test](#)

Question 31

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

Beside digested food, name two substances that are carried in the blood to all parts of the body.

____, ____

Accepted answers:

- ✓ Oxygen and water
- ✓ oxygen,water
- ✓ oxygen, water
- ✓ oxygen ,water
- ✓ oxygen , water
- ✓ oxygen water

Question Type: Free Text
Date Added: Tue 1st Dec 2020
Last Modified: N/A
QID#: 25,158,056

Correctly answered feedback

Oxygen and water

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

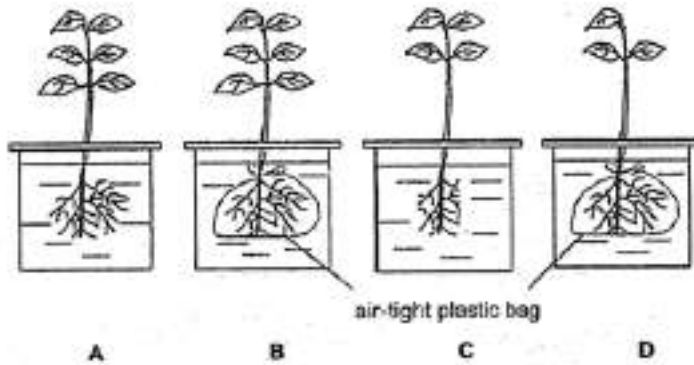
[Remove From Test](#)

Question 32

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Gina prepared four experimental set-ups (A, B, C and D) with plants as shown below. She wanted to know whether plants take in water through their roots.



The roots of the plants in set-ups B and D were tied with air-tight plastic bags at the start of the experiment before putting into the beaker of water. Each set-up had the same amount of water.

Can she use set-ups B and D to conduct a fair experiment?

[2]

Explain your answer.

Question Type: Essay
Date Added: Tue 1st Dec 2020
Last Modified: N/A
QID#: 25,158,061

Correctly answered feedback

a) No. Roots in both B and D are tied in air-tight plastic bags and the number of leaves in each set-up are different.

Incorrectly answered feedback

a) No. Roots in both B and D are tied in air-tight plastic bags and the number of leaves in each set-up are different.

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

[Remove From Test](#)

Question 33

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Gina uses set-ups A and B to conduct a fair experiment. What is she trying to find out from this experiment?

Question Type: Essay
Date Added: Tue 1st Dec 2020
Last Modified: N/A
QID#: 25,158,072

Correctly answered feedback

She is trying to find out if the plants take in water through their roots

Incorrectly answered feedback

She is trying to find out if the plants take in water through their roots

Answers | Edit | Duplicate | Used In | Reorder

Remove From Test

Question 34

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

State another function of the roots

Question Type: Essay
Date Added: Tue 1st Dec 2020
Last Modified: N/A
QID#: 25,158,077

Correctly answered feedback

The roots anchor the plant firmly to the ground

Incorrectly answered feedback

The roots anchor the plant firmly to the ground

Answers | Edit | Duplicate | Used In | Reorder

Remove From Test

Question 35

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Classify the following into matter and non-matter.

[3]

heat water shadow

Matter	Non-matter

Please type "done"

to proceed to the next question

Question Type: Essay
Date Added: Tue 1st Dec 2020
Last Modified: N/A
QID#: 25,158,081

Correctly answered feedback

Matter	Non-matter
Water	Shadow Heat

Incorrectly answered feedback

Matter	Non-matter
Water	Shadow Heat

Answers | Edit | Duplicate | Used In | Reorder

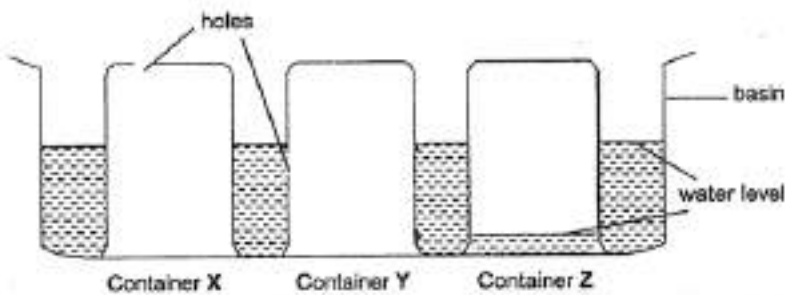
Remove From Test

Question 36

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Three plastic containers, X, Y and Z, are inverted into a basin of water as shown below. A hole is made on containers X and Y.



Draw the water levels in containers X and Y in the diagram above.

[1]

Please type "done" to proceed to the next question

Question Type: Essay
 Date Added: Tue 1st Dec 2020
 Last Modified: N/A
 QID#: 25,158,096

Correctly answered feedback

X and Y should have same water level as basin

Incorrectly answered feedback

X and Y should have same water level as basin

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

[Remove From Test](#)

Question 37

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Explain your answer for the water level in container X in part (a)

Question Type: Essay
Date Added: Tue 1st Dec 2020
Last Modified: N/A
QID#: 25,158,106

Correctly answered feedback

In container X, air can escape. Water enters to fill up the space in the container.

Incorrectly answered feedback

In container X, air can escape. Water enters to fill up the space in the container.

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

[Remove From Test](#)

Question 38

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

The diagram below shows a glass of water.



Fill in the blanks using the correct words in the box. [2]

(a) When the water gains heat, its temperature _____.

Accepted answers:

✓ increases

Question Type: Free Text
Date Added: Tue 1st Dec 2020
Last Modified: N/A
QID#: 25,158,114

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

[Remove From Test](#)

Question 39

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

The glass of water is put in the freezer. After some time, the water will change its state to become ____

Accepted answers:

✓ solid

Question Type: Free Text
Date Added: Tue 1st Dec 2020
Last Modified: N/A
QID#: 25,158,124

Answers | Edit | Duplicate | Used In | Reorder

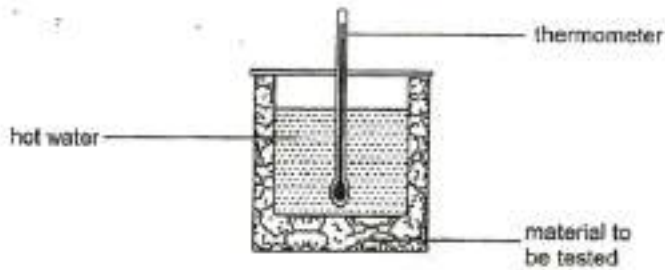
Remove From Test

Question 40

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Ahmad wanted to find out which material, P, Q, R or S, is the best conductor of heat. He set up his experiment in the Science room as shown below.



The table below shows Ahmad's results.

Time (min)	Temperature of the water (°C)			
	Material P	Material Q	Material R	Material S
0	60	60	60	60
10	55	40	45	58
20	50	22	31	55

State the source of heat in this experiment.

[1]

Question Type: Essay
Date Added: Tue 1st Dec 2020
Last Modified: N/A
QID#: 25,158,127

Correctly answered feedback

The hot water

Incorrectly answered feedback

The hot water

Answers | Edit | Duplicate | Used In | Reorder

Remove From Test

Question 41

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Using the information given on the table, state which material P, Q, R or S is the best conductor of heat. Give a reason for your answer.

Question Type: Essay
Date Added: Tue 1st Dec 2020
Last Modified: N/A
QID#: 25,158,231

Correctly answered feedback

Material Q. After 20 minutes, the temperature of the hot water in Q was the lowest. It indicates that Q is the best conductor of heat since it transferred heat away from the water and the fastest.

Incorrectly answered feedback

Material Q. After 20 minutes, the temperature of the hot water in Q was the lowest. It indicates that Q is the best conductor of heat since it transferred heat away from the water and the fastest.

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

[Remove From Test](#)

Question 42

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

The diagram below shows Mary using a pair of oven gloves to remove a hot tray from the oven.



Which material, P, Q, R or S, would be most suitable to make the oven gloves? [2]

Explain your answer.

Question Type: Essay
Date Added: Tue 1st Dec 2020
Last Modified: N/A
QID#: 25,158,256

Correctly answered feedback

Material S. The temperature of hot water in S is the highest after 20 minutes. It indicates that S is the poorest conductor of heat and thus is the most suitable for oven gloves as it will transfer heat from the hot tray to her hands the slowest.

Incorrectly answered feedback

Material S. The temperature of hot water in S is the highest after 20 minutes. It indicates that S is the poorest conductor of heat and thus is the most suitable for oven gloves as it will transfer heat from the hot tray to her hands the slowest.

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

[Remove From Test](#)

Question 43

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

The diagram below shows a desert.

A desert is a hot and dry place that has a lot of sand and few plants.



The table below shows the temperature of the sand at a particular time of the day.

Time	Temperature at the surface of the sand ($^{\circ}\text{C}$)	Temperature underground ($^{\circ}\text{C}$)
12 noon	38	14

Diagram X shows a lizard which lives in the desert.



Diagram X

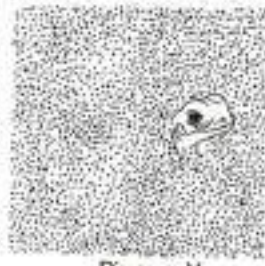


Diagram Y

During the day, the lizard will bury itself in the sand as shown in diagram Y.

Using the information given in the table, explain how burying itself in the sand helps the lizard to stay cool

Question Type: Essay
 Date Added: Tue 1st Dec 2020
 Last Modified: N/A
 QID#: 25,158,315

Correctly answered feedback

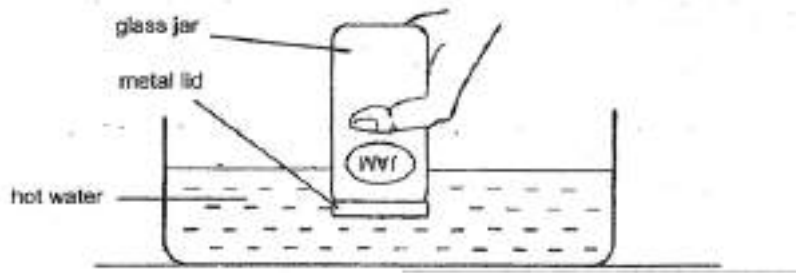
The underground temperature shown in the table is cooler than the surface of the sand. Hence, the lizard buries itself in the sand, going deeper underground so it can lose heat to the sand and become cooler

Incorrectly answered feedback

The underground temperature shown in the table is cooler than the surface of the sand. Hence, the lizard buries itself in the sand, going deeper underground so it can lose heat to the sand and become cooler

A metal lid was fitted tightly on a glass jar.

Mani placed the metal lid and part of the glass jar into a container of hot water as shown in the diagram below.



After a few minutes, Mani could remove the metal lid easily. [2]

Explain why.

Question Type: Essay
Date Added: Tue 1st Dec 2020
Last Modified: N/A
QID#: 25,158,322

Correctly answered feedback

The metal lid is a better conductor of heat than the jar so it gained heat faster and expanded more than the glass jar.

Incorrectly answered feedback

The metal lid is a better conductor of heat than the jar so it gained heat faster and expanded more than the glass jar.

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

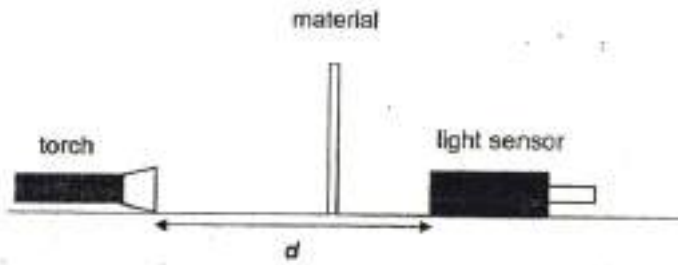
[Remove From Test](#)

Question 45

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

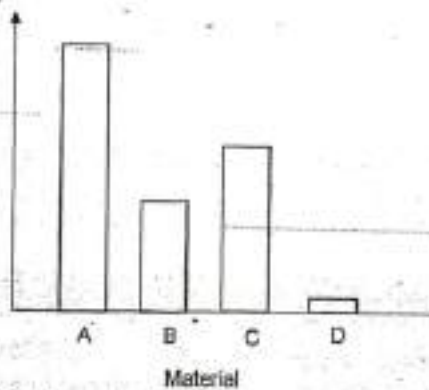
i. All set up an experiment as shown below.



He wanted to find out how much light passes through four materials, A, B, C and D.

The same light sensor was used to detect the amount of light that passed through each material. He recorded his results in the bar graph below.

Amount of light detected by light sensor (lux)



Which of following variable(s) must be kept the same so that his experiment would be a fair test?

Place a tick (✓) in the box if the variable must be kept the same.

[2]

- A) Distance between the torch and the light sensor, d
- B) The thickness of the material
- C) Type of material

Question Type: Multiple Response
Randomize Answers: No
Grade style: Full points if all answers are correct
Date Added: Tue 1st Dec 2020
Last Modified: N/A
QID#: 25,158,348

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

[Remove From Test](#)

Question 46

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Ali wants to make window curtains that would keep his room as dark as possible

Based on the information given in the bar graph, which material A, B, C or D should Ali choose to make his window curtains?
 Explain your answer.

Question Type: Essay

Date Added: Tue 1st Dec 2020
 Last Modified: N/A
 QID#: 25,158,376

Correctly answered feedback

Material D. The light sensor detected the least amount of light that passes through Material D. This indicates that D allows least light to pass through and is favourable to make curtains to keep his room as dark as possible.

Incorrectly answered feedback

Material D. The light sensor detected the least amount of light that passes through Material D. This indicates that D allows least light to pass through and is favourable to make curtains to keep his room as dark as possible.

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

[Remove From Test](#)

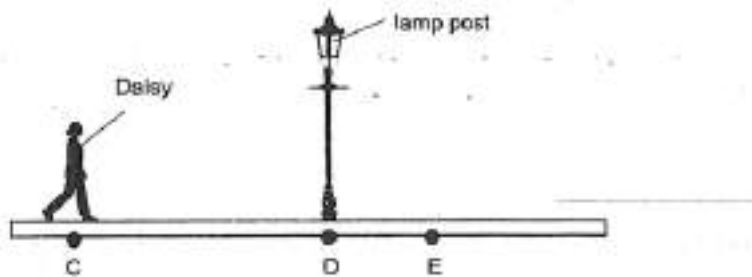
Question 47

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Daisy was walking from point C to D and then to E as shown in the diagram below.

The length of her shadow changed as she walked past points C, D and E.



Describe how the length of Daisy's shadow changed as she walked from point C to point D to point E. [1]

Question Type: Essay
 Date Added: Tue 1st Dec 2020
 Last Modified: N/A
 QID#: 25,158,381

Correctly answered feedback

As Daisy walked to D, her shadow became shorter but lengthened when she walked to E.

Incorrectly answered feedback

As Daisy walked to D, her shadow became shorter but lengthened when she walked to E.

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

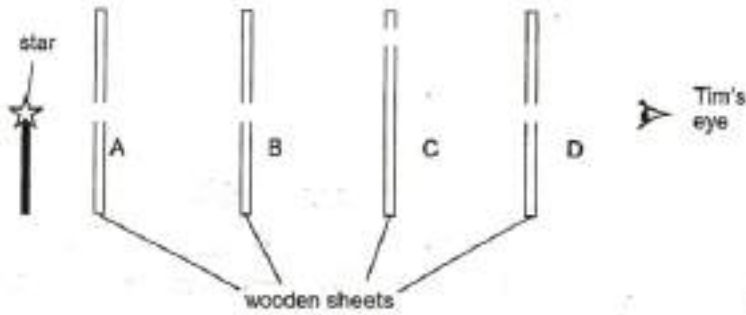
[Remove From Test](#)

Question 48

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

In a lighted room, wooden sheets A, B, C and D are placed in a straight line as shown in the diagram below. Tim is looking through the holes of the wooden sheets.



Will Tim be able to see the star on the other side of the wooden sheets?

[2]

Explain why.

Question Type: Essay
Date Added: Tue 1st Dec 2020
Last Modified: N/A
QID#: 25,158,396

Correctly answered feedback

No. Light travels in a straight line and the hole in C was not aligned with the rest of the other holes. Wood does not allow any light to pass through and therefore light reflected from the star will not go to Tim's eyes

Incorrectly answered feedback

No. Light travels in a straight line and the hole in C was not aligned with the rest of the other holes. Wood does not allow any light to pass through and therefore light reflected from the star will not go to Tim's eyes

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

[Remove From Test](#)

Question 49

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

Which wooden sheet (A,B,C or D) must Tim remove in order to see the star at the other end.

- A) A
- B) B
- ✓ C) C
- D) D

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 1st Dec 2020
Last Modified: N/A
QID#: 25,158,407

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

[Remove From Test](#)

Question 50

Primary 4 Science » Primary 4 Science (Term 4)

3 pts

Match the options below to the correct groups

Clue

Match



mammal

Points: +1 -0



fish

Points: +1 -0



bird

Points: +1 -0

Question Type: Matching
Shuffle Mode: Shuffle Matches Only
Date Added: Tue 1st Dec 2020
Last Modified: N/A
QID#: 25,158,429

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

[Remove From Test](#)

Question 51

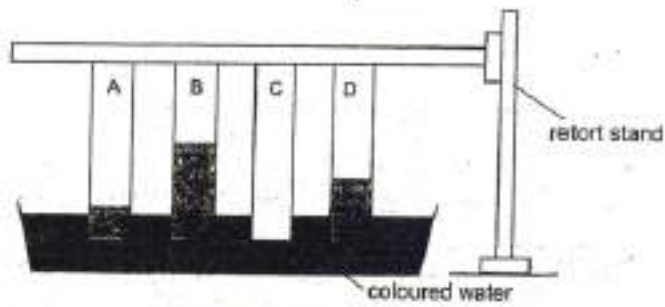
Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Ben carried out an experiment to test how well each material can absorb water.

Materials A, B, C and D, which are of the same size and thickness, were immersed in a tray of coloured water.

The results of his experiment are shown in the diagram below.



Based on the results of the experiment, which material, A, B, C or D, is the most [1] suitable for making a raincoat shown above?

Explain your answer.

Question Type: Essay
Date Added: Tue 1st Dec 2020
Last Modified: N/A
QID#: 25,158,439

Correctly answered feedback

C. There was no coloured water absorbed by C. This indicates that C is waterproof and is ideal to make a raincoat which aims to keep water away from the wearer

Incorrectly answered feedback

C. There was no coloured water absorbed by C. This indicates that C is waterproof and is ideal to make a raincoat which aims to keep water away from the wearer

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

[Remove From Test](#)

Question 52

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Ben suggested that material B is plastic. Is he correct? Explain your answer

Question Type: Essay
Date Added: Tue 1st Dec 2020
Last Modified: N/A
QID#: 25,158,447

Correctly answered feedback

No. B absorbed water but plastic is water proof

Incorrectly answered feedback

No. B absorbed water but plastic is water proof

Answers | Edit | Duplicate | Used In | Reorder

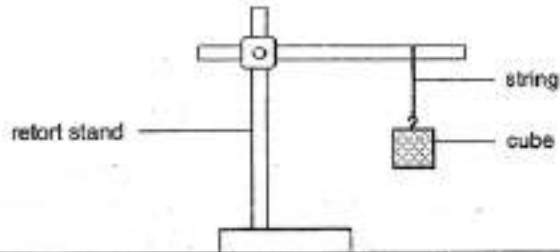
Remove From Test

Question 53

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

Jane conducted an experiment with the set-up shown below. She hung cubes of different masses on the string until it broke. She repeated the experiment with strings made of materials, S, T and U. The strings are of equal thickness and length.



The results of the experiment are shown in the table below.

String	Mass of cube needed to break the string (kg)
S	3
T	5
U	8

State the property of the string Jane is testing.

[1]

Accepted answers:

✓ strength

Question Type: Free Text
 Date Added: Tue 1st Dec 2020
 Last Modified: N/A
 QID#: 25,158,454

Answers | Edit | Duplicate | Used In | Reorder

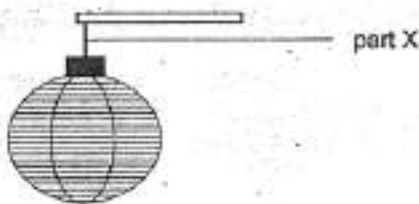
Remove From Test

Question 54

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

The diagram below shows a lantern that has a mass of 6 kg.



Based on the results of the experiment, which string, S, T or U is most suitable to make part X of the lantern? Explain your answer. [1]

Question Type: Essay

Date Added: Tue 1st Dec 2020
 Last Modified: N/A
 QID#: 25,158,460

Correctly answered feedback

U. U is the only material that can carry more than 6kg without breaking. Since the lantern is 6kg, U is the suitable choice

Incorrectly answered feedback

U. U is the only material that can carry more than 6kg without breaking. Since the lantern is 6kg, U is the suitable choice

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

[Remove From Test](#)

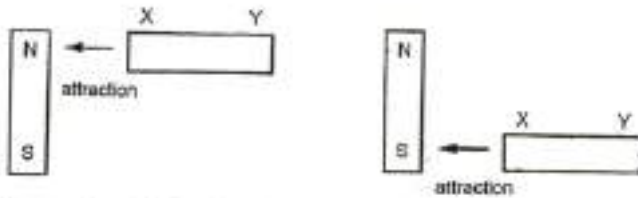
Question 55

Primary 4 Science » Primary 4 Science (Term 4)

0.5 pts

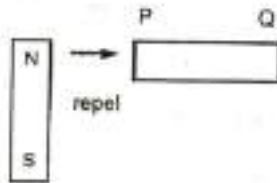
A metal rod XY is placed near a bar magnet.

End X is attracted when it is placed near to the North Pole (N) of the magnet, and also when it is placed near to the South Pole (S) as shown in the diagrams below.



Another metal rod PQ is also placed near the same bar magnet.

End P repelled when it is placed near to the North Pole (N) of the magnet as shown in the diagram below.



In the boxes below state what will be observed when end Y and end P are brought near the South Pole (S) of the bar magnet. [1]

Write
repel or attract

(i) end Y brought near South Pole (S)

✓ A) attract

B) repel

Question Type: True False
 Date Added: Tue 1st Dec 2020
 Last Modified: N/A
 QID#: 25,158,464

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

[Remove From Test](#)

Question 56

Primary 4 Science » Primary 4 Science (Term 4)

0.5 pts

end P brought near South Pole (s)

- ✓ A) attract
B) repel

Question Type: True False

Date Added: Tue 1st Dec 2020

Last Modified: N/A

QID#: 25,158,468

Answers | Edit | Duplicate | Used In | Reorder

Remove From Test

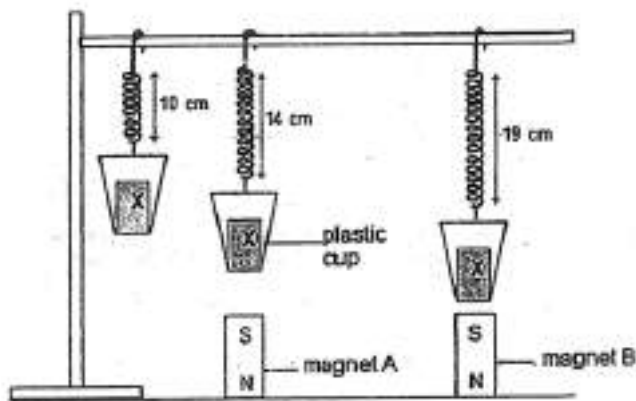
Question 57

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

The diagram below shows three identical plastic cups with object X in each one of them.

The cups are attached to three identical springs.



When magnets A and B were placed directly below the plastic cups, it was observed that the springs stretched longer as shown in the diagram above.

Explain why the springs stretched longer.

Question Type: Essay

Date Added: Tue 1st Dec 2020

Last Modified: N/A

QID#: 25,158,474

Correctly answered feedback

The magnets were facing X, which is a magnetic material so they attracted and were pulled down along with the springs.

Incorrectly answered feedback

The magnets were facing X, which is a magnetic material so they attracted and were pulled down along with the springs.

Answers | Edit | Duplicate | Used In | Reorder

Remove From Test

Question 58

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Which magnet, A or B, is stronger? Based on the diagram shown above, explain your answer.

Question Type: Essay

Date Added: Tue 1st Dec 2020

Last Modified: N/A

QID#: 25,158,486

Correctly answered feedback

B. The spring stretched further with Magnet B than with Magnet A. This indicates that Magnet B has greater magnetic strength than A.

Incorrectly answered feedback

B. The spring stretched further with Magnet B than with Magnet A. This indicates that Magnet B has greater magnetic strength than A.

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

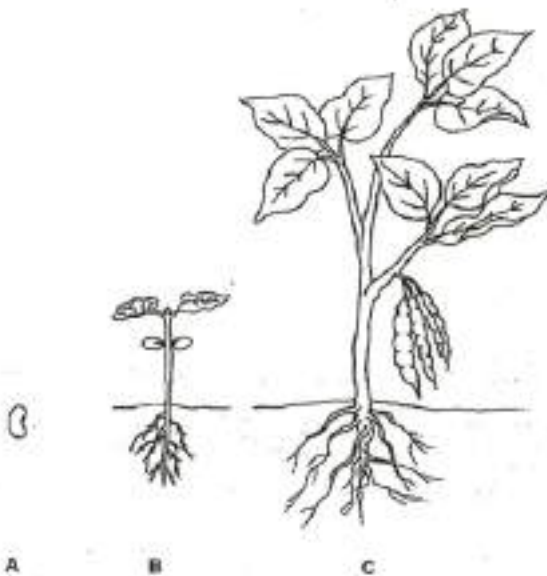
[Remove From Test](#)

Question 59

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 the question below.

egg seed young plant adult plant

Name the stages A and C 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: Tue 1st Dec 2020
Last Modified: N/A
QID#: 25,158,495

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

[Remove From Test](#)

Question 60

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

C: _____

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

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 1st Dec 2020
Last Modified: N/A
QID#: 25,158,508

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

[Remove From Test](#)