




 **Primary 5 Science (Term 4) - MGS** 

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61 Questions (67 Points)

Question Bank: 9,275 Questions 

- Test Questions
- 1 Test Assignment

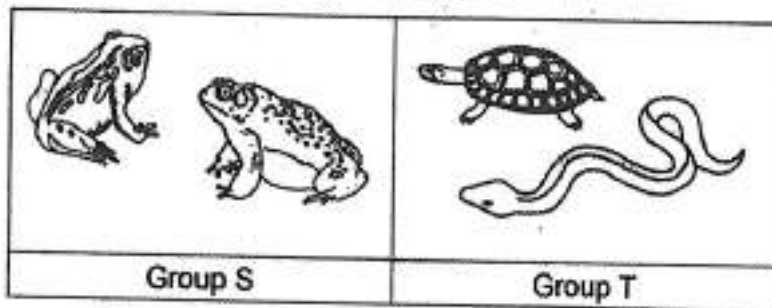
Question 1

Primary 5 Science » Primary 5 Science (Term 4)

2 pts

For each question, four options are given. One of them is the correct answer. (28 marks)

Study the two groups of organisms, S and T below.



Which one of the following correctly describes animal group S or T?

- A)

Group	Covered with scales	Give birth to live young
S	Yes	Yes
- ✓ B)

Group	Covered with scales	Give birth to live young
S	No	No
- C)

Group	Covered with scales	Give birth to live young
T	No	Yes
- D)

Group	Covered with scales	Give birth to live young
T	Yes	Yes

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 27th Jul 2021
Last Modified: N/A
QID#: 28,531,860

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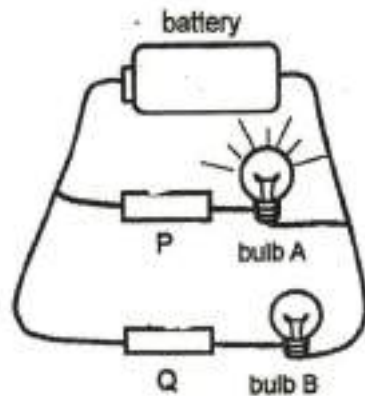
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Question 2

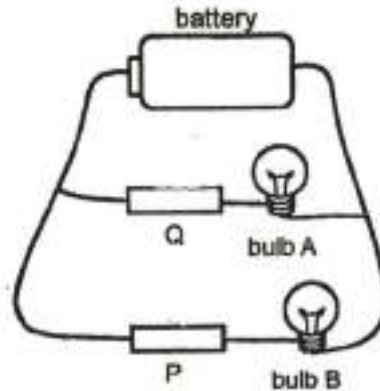
Primary 5 Science » Primary 5 Science (Term 4)

2 pts

Shu Ning set up a circuit as shown below. She observed that only bulb A lit up.



She then swapped P and Q and observed that none of the bulbs lit up.



Which one of the following is correct?

- A)

Bulb not working	Electrical insulator
A	P
- B)

Bulb not working	Electrical insulator
B	P
- C)

Bulb not working	Electrical insulator
A	Q
- ✓ D)

Bulb not working	Electrical insulator
B	Q

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 27th Jul 2021
Last Modified: N/A
QID#: 28,531,859

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Question 3

Primary 5 Science » Primary 5 Science (Term 4)

2 pts

Which one of the following organisms is not a fungus?

- ✓ A) moss
- B) yeast
- C) mould
- D) mushroom

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 27th Jul 2021
Last Modified: N/A
QID#: 28,531,861

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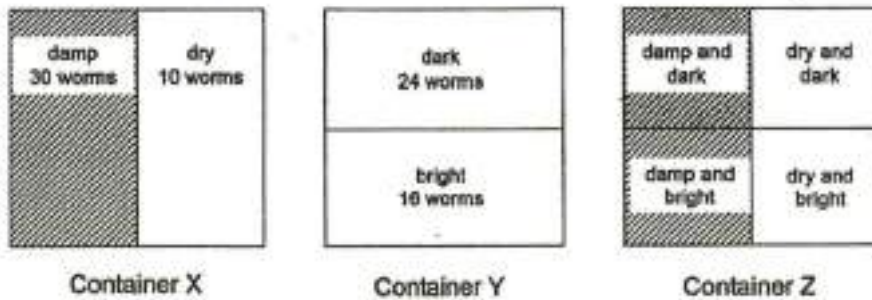
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Question 4

Primary 5 Science » Primary 5 Science (Term 4)

2 pts

Ruhi carried out an experiment to find out how the worms respond to changes in the environment. 40 worms were placed in the middle of Container X. After ten minutes, the number of worms in each section of Container X was counted. The experiment was repeated with Container Y using the same number of worms and the results of the experiment were shown below.



Based on the results from Container X and Y, which one of the following shows the likely number of worms found in each section of Container Z?

- A)

12	2
22	4

B)

22	2
12	4

✓ C)

18	8
12	2

D)

18	2
12	8

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 27th Jul 2021
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QID#: 28,531,862

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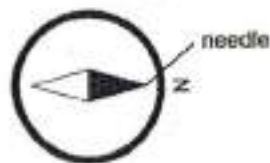
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Question 5

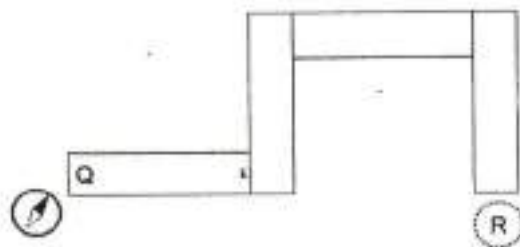
Primary 5 Science » Primary 5 Science (Term 4)

2 pts

The picture below shows a compass.



Four bar magnets were arranged such that they were attracted to one another. A compass was then placed near Q and the direction of the compass needle is as shown below.



Which one of the following would be the direction of the needle when the compass was placed at R?

A)



B)



C)



✓ D)



Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 27th Jul 2021
Last Modified: N/A
QID#: 28,531,863

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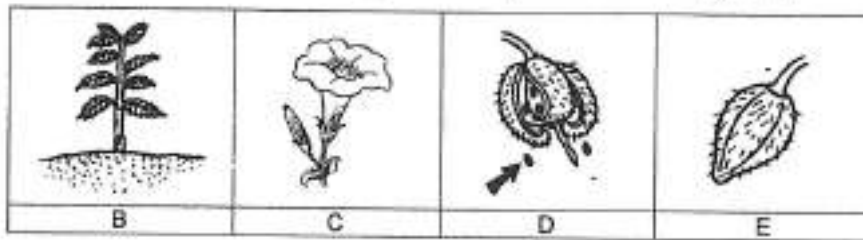
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Question 6

Primary 5 Science » Primary 5 Science (Term 4)

2 pts

The diagrams below show the stages of development of a flowering plant.



Which one of the following shows the stages in the correct order?

- A) B, E, D, C
 ✓ B) C, E, D, B
 C) D, E, C, B
 D) E, C, D, B

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 27th Jul 2021
Last Modified: N/A
QID#: 28,531,864

Question 7

Primary 5 Science » Primary 5 Science (Term 4)

2 pts

The diagram below shows a seedling.



Which part, W, X, Y or Z, provides food for the seedling before the leaves are developed?

- ✓ A) W
- B) X
- C) Y
- D) Z

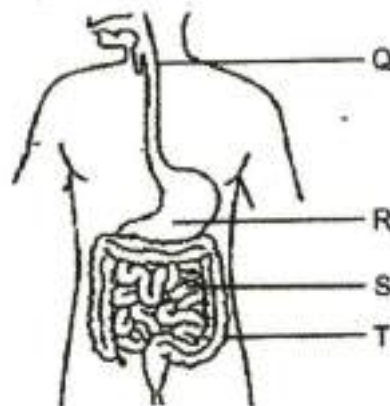
Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 27th Jul 2021
Last Modified: N/A
QID#: 28,531,865

Question 8

Primary 5 Science » Primary 5 Science (Term 4)

2 pts

The diagram below shows part of a human digestive system.



Which one of the following shows the correct function of the organs?

- A)

Absorption of water	Absorption of digested food
Q	R
- B)

--	--

Absorption of water	Absorption of digested food
R	Q

C)

Absorption of water	Absorption of digested food
S	T

✓ D)

Absorption of water	Absorption of digested food
T	S

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 27th Jul 2021
Last Modified: N/A
QID#: 28,531,866

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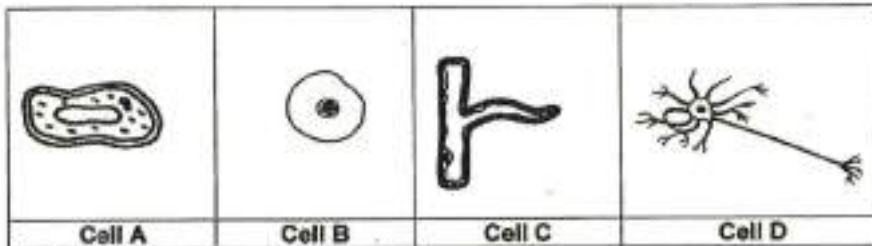
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Question 9

Primary 5 Science » Primary 5 Science (Term 4)

2 pts

Four different types of cells are shown below.



Which one of the following classifies the cells correctly?

A)

Plant Cells	Animal Cells
A	B, C and D

B)

Plant Cells	Animal Cells
A and B	C and D

✓ C)

Plant Cells	Animal Cells
A and C	B and D

D)

Plant Cells	Animal Cells
A, C and D	B

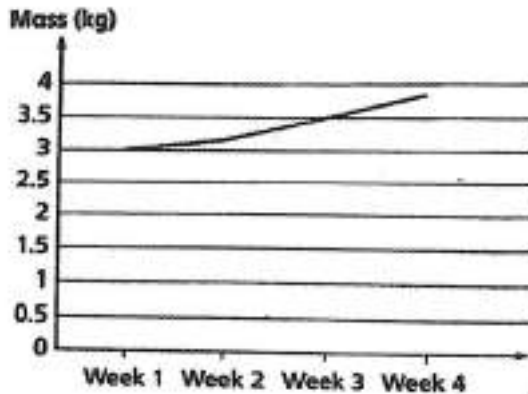
Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 27th Jul 2021
Last Modified: N/A
QID#: 28,531,867

Question 10

Primary 5 Science » Primary 5 Science (Term 4)

2 pts

The graph below shows the mass of a baby over four weeks.



Based on the graph, some pupils made the following statements.

Raj: The baby's mass increased because there are many types of cells.

Ben: The baby's mass increased because the size of the cells increased.

Zul: The baby's mass increased because the number of cells increased.

Whose statement(s) is/are correct?

- A) Ben only
- ✓ B) Zul only
- C) Raj and Zul only
- D) Raj and Ben only

Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Tue 27th Jul 2021
 Last Modified: N/A
 QID#: 28,531,868

Question 11

Primary 5 Science » Primary 5 Science (Term 4)

2 pts

Meiling made some statements about sexual reproduction in humans and plants.

X Reproductive cells are found in the ovary.

Y Reproductive cells are found in the testes.

Z Fertilisation occurs in a female reproductive part.

Which of the following is correct?

A)

Humans	Plants
Y	X, Z

B)

--	--

Humans	Plants
X, Y	Z

✓ C)

Humans	Plants
X, Y, Z	X, Z

D)

Humans	Plants
X, Y, Z	Y

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 27th Jul 2021
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QID#: 28,531,869

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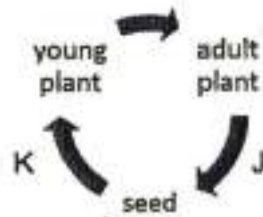
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Question 12

Primary 5 Science » Primary 5 Science (Term 4)

2 pts

The diagram below shows the life cycle of a flowering plant.



Which one of the following correctly states the process(es) involved at J and K?

A)

Process(es) at J	Process(es) at K
pollination	fertilisation

✓ B)

Process(es) at J	Process(es) at K
pollination and fertilisation	dispersal and germination

C)

Process(es) at J	Process(es) at K
fertilisation and dispersal	pollination and germination

D)

Process(es) at J	Process(es) at K
dispersal and germination	pollination and fertilisation

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 27th Jul 2021
Last Modified: N/A
QID#: 28,531,870

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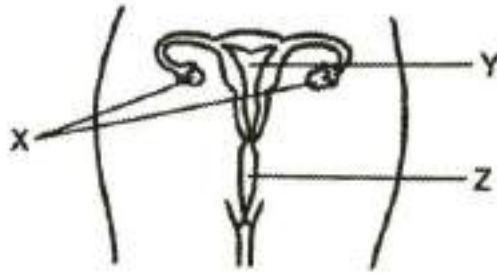
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Question 13

Primary 5 Science » Primary 5 Science (Term 4)

2 pts

The diagram below shows a female reproductive system.



Which of the following statement(s) is/are false?

- P The fertilised eggs are found in X.
 Q The baby develops in part Y.
 R The baby develops in part Z.

- A) Q only
 B) R only
 C) P and Q only
 ✓ D) P and R only

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 27th Jul 2021
Last Modified: N/A
QID#: 28,531,871

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Question 14

Primary 5 Science » Primary 5 Science (Term 4)

2 pts

A hamster was placed in a sealed glass tank. What would happen to the various gases in the tank after half an hour?

- A)

carbon dioxide	oxygen	water vapour
decrease	increase	increase
- B)

carbon dioxide	oxygen	water vapour
increase	decrease	decrease
- ✓ C)

carbon dioxide	oxygen	water vapour
increase	decrease	increase
- D)

carbon dioxide	oxygen	water vapour
decrease	increase	decrease

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 27th Jul 2021
Last Modified: N/A
QID#: 28,531,872

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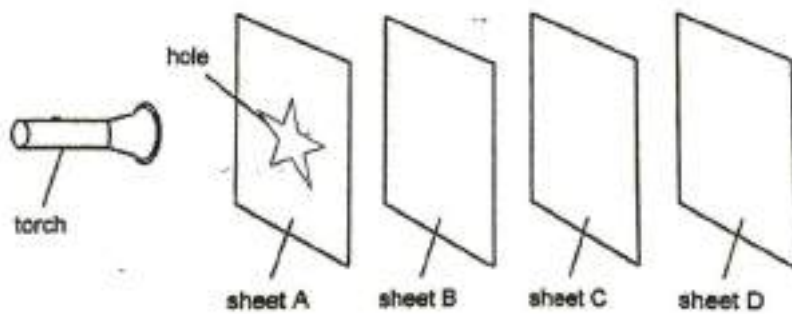
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Question 15

Primary 5 Science » Primary 5 Science (Term 4)

2 pts

The experiment below was carried out in a dark room.



Sheets A to D were arranged in a straight line. When the torch was switched on, a bright star patch of light was seen on sheet C only.

Which one of the following correctly describes the properties of the materials that sheets A, B, C and D are made of?

- ✓ A)

Does not allow light to pass through	Allows light to pass through	Not possible to tell
A and C	B	D
- B)

Does not allow light to pass through	Allows light to pass through	Not possible to tell
C	B	A and D
- C)

Does not allow light to pass through	Allows light to pass through	Not possible to tell
C	A and D	B
- D)

Does not allow light to pass through	Allows light to pass through	Not possible to tell
D	A and B	C

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 27th Jul 2021
Last Modified: N/A
QID#: 28,531,873

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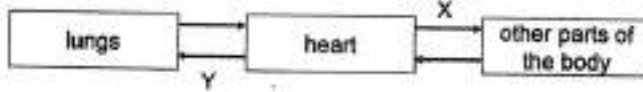
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Question 16

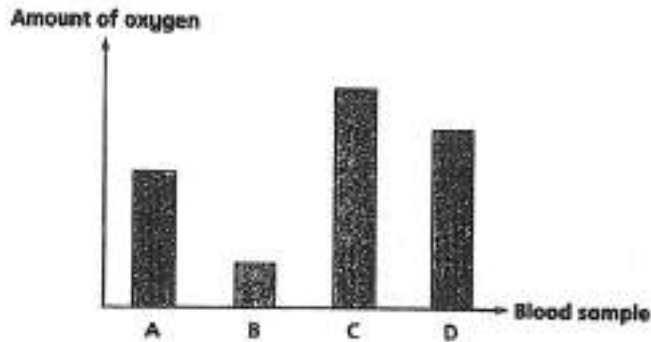
Primary 5 Science » Primary 5 Science (Term 4)

2 pts

The diagram below shows the circulatory system of a human. The arrows represent the flow of blood between the different parts of the circulatory system.



The bar chart below shows the amount of oxygen in four blood samples taken from different blood vessels in the circulatory system.



Which blood sample A, B, C or D is likely to be taken from blood vessels X and Y?

- A)

Blood Vessel X	Blood Vessel Y
A	D
- B)

Blood Vessel X	Blood Vessel Y
B	A
- ✓ C)

Blood Vessel X	Blood Vessel Y
C	B
- D)

Blood Vessel X	Blood Vessel Y
D	C

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 27th Jul 2021
Last Modified: N/A
QID#: 28,531,874

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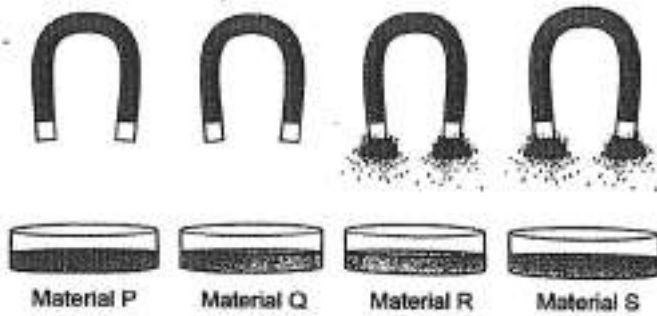
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Question 17

Primary 5 Science » Primary 5 Science (Term 4)

2 pts

Four identical magnets were dipped into four different materials, P, Q, R and S. The results are shown below.



Based on the results, which one of the following correctly shows the material that could be separated from the mixture of materials indicated in the table?

- A)

Material that could be separated	Mixture of materials
P	P, Q, R
- B)

Material that could be separated	Mixture of materials
Q	Q, P, S
- ✓ C)

Material that could be separated	Mixture of materials
R	R, P, Q
- D)

Material that could be separated	Mixture of materials
S	S, R, Q

Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Tue 27th Jul 2021
 Last Modified: N/A
 QID#: 28,531,875

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Question 18

Primary 5 Science » Primary 5 Science (Term 4)

2 pts

The table below shows the freezing points of three substances X, Y and Z.

Substance	Freezing point (°C)
X	10
Y	50
Z	125

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

- ✓ A) X is a solid at 7°C.
- B) X and Y are both liquids at 45°C.
- C) Y and Z are both solids at 140°C.
- D) Z can be a liquid or a gas at 125°C.

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 27th Jul 2021
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QID#: 28,531,876

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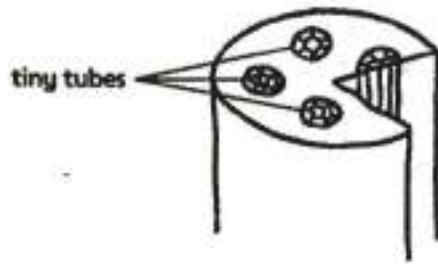
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Question 19

Primary 5 Science » Primary 5 Science (Term 4)

2 pts

The diagram below shows the cross-section of a stem.



Which of the following statement(s) is/are correct?

- E Some of the tiny tubes absorb water for the plant.
- F All the tiny tubes help to hold the plant upright.
- G Some of the tiny tubes transport food from the leaves to all parts of the plant.
- H The tiny tubes exchange gases between the plant and the surroundings.

- A) E only
- ✓ B) G only
- C) E and F only
- D) F and H only

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 27th Jul 2021
Last Modified: N/A
QID#: 28,531,877

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Question 20

Primary 5 Science » Primary 5 Science (Term 4)

2 pts

The insect below has an outer covering that supports its body and protects its organs.



Which one of the following properties allows the outer covering to perform the functions described?

- ✓ A) strength
- B) flexibility
- C) absorbency
- D) ability to float

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 27th Jul 2021
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QID#: 28,531,878

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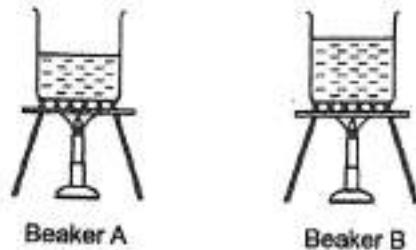
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Question 21

Primary 5 Science » Primary 5 Science (Term 4)

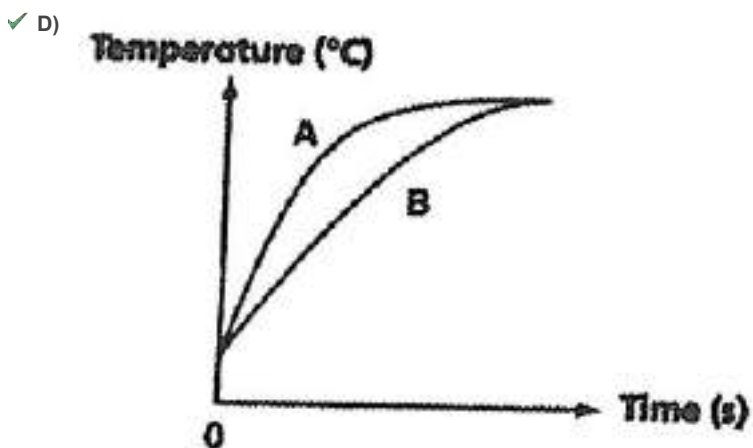
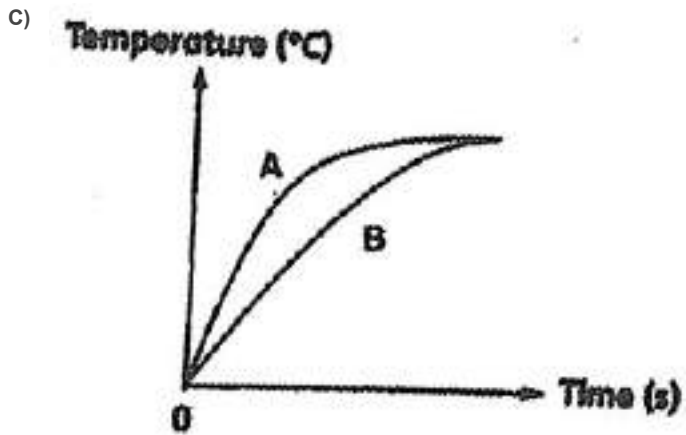
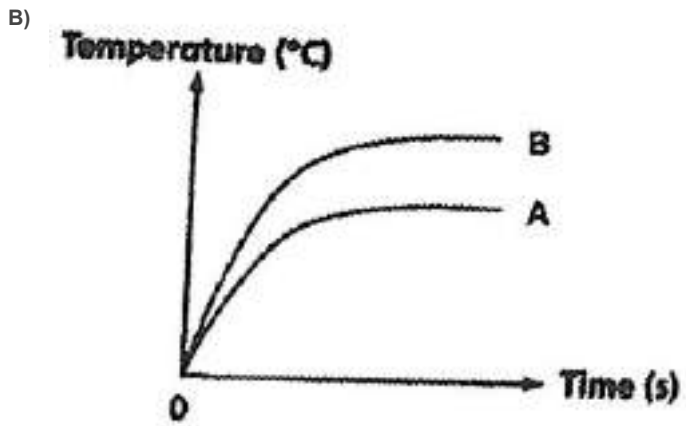
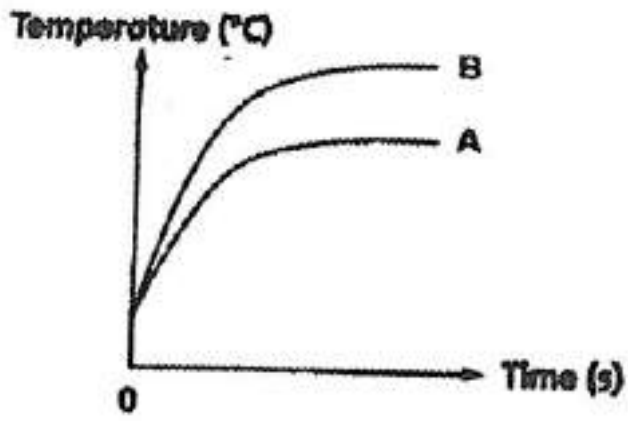
2 pts

The diagrams below show two beakers, A and B, containing different amounts of water at room temperature. Both beakers of water are heated until boiling point.



Which one of the following graphs shows the temperature of the water in the two beakers over time?

A)



Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 27th Jul 2021
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Question 22

Primary 5 Science » Primary 5 Science (Term 4)

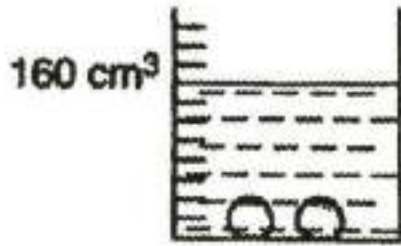
2 pts

Zulfri placed a ball of plasticine into a container of water. He observed that the water level rose to the 180 cm^3 mark as shown below.

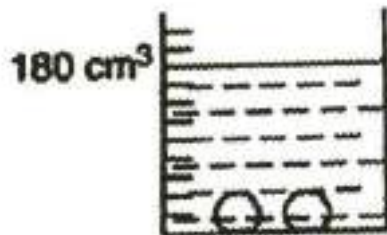


He then took the ball of plasticine out of the water, cut it into two pieces and carefully lowered them into the water again. Which one of the following diagrams shows the correct water level in the container?

A)



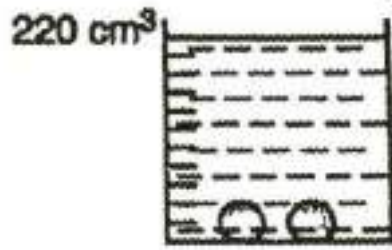
✓ B)



C)



D)



Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 27th Jul 2021
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Question 23

Primary 5 Science » Primary 5 Science (Term 4)

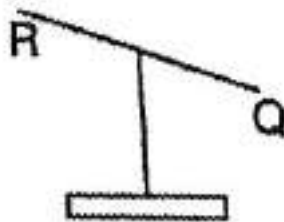
2 pts

The table below shows the masses of object P, Q and R.

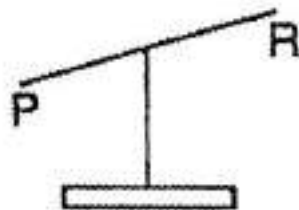
Object	P	Q	R
Mass (g)	65	145	250

Which one of the following diagrams shows the relationship between two of the objects?

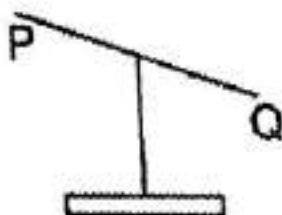
A)



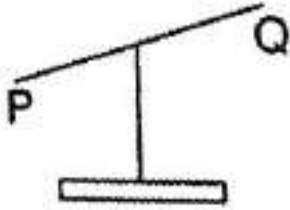
B)



✓ C)



D)



Question Type: Multiple Choice
Randomize Answers: No
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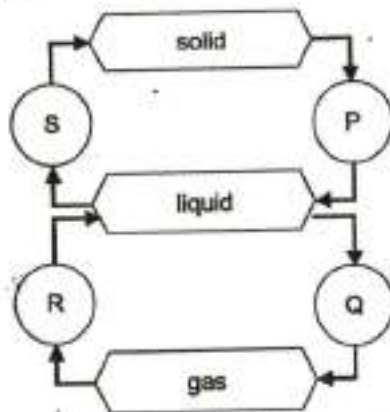
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Question 24

Primary 5 Science » Primary 5 Science (Term 4)

2 pts

The diagram below shows the changes of state of water.



If P represents melting, which of the following correctly describe processes Q, R and S?

- ✓ A)

Q	R	S
evaporating	condensing	freezing
- B)

Q	R	S
evaporating	freezing	condensation
- C)

Q	R	S
condensing	evaporating	freezing
- D)

Q	R	S
freezing	evaporating	condensing

Question Type: Multiple Choice
Randomize Answers: No

Date Added: Tue 27th Jul 2021
 Last Modified: N/A
 QID#: 28,531,882

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Question 25

Primary 5 Science » Primary 5 Science (Term 4)

2 pts

Rina wanted to find out how the exposed surface area of a container affects the rate of evaporation of water.

Set-up	Volume of water in container (ml)	Temperature (°C)	Wind	Exposed surface area of container (cm ²)
J	280	31	absent	200
K	350	25	absent	90
L	280	31	absent	90
M	350	25	present	200

Which two set-ups should Rina use for her investigation?

- A) J and K
- ✓ B) J and L
- C) K and M
- D) L and M

Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Tue 27th Jul 2021
 Last Modified: N/A
 QID#: 28,531,883

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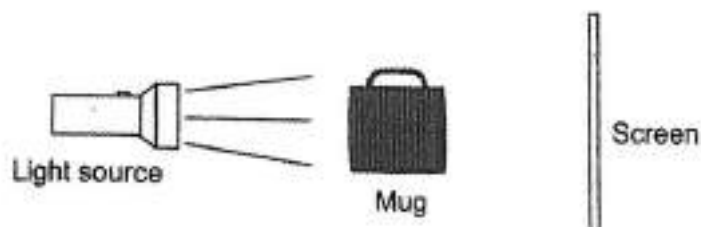
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Question 26

Primary 5 Science » Primary 5 Science (Term 4)

2 pts

Sam set up the experiment as shown below.



Which one of the following is the shadow formed on the screen?

- A)



B)



C)



✓ D)



Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 27th Jul 2021
Last Modified: N/A
QID#: 28,531,884

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

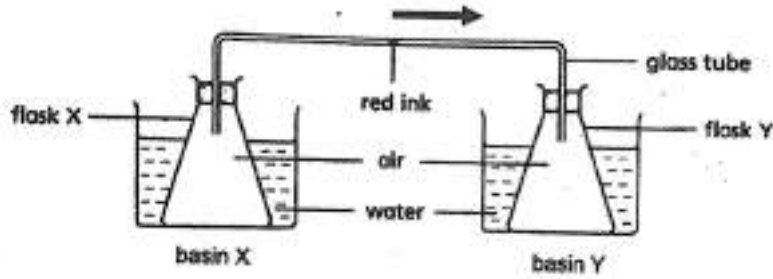
[Remove From Test](#)

Question 27

Primary 5 Science » Primary 5 Science (Term 4)

2 pts

Two identical flasks were placed into two basins, X and Y, containing water of different temperatures as shown below. After a while, the red ink moved towards flask Y.



Which one of the following shows the temperature of water in the two basins?

- A)

Temperature of water in basin X (°C)	Temperature of water in basin Y (°C)
25	75
- B)

Temperature of water in basin X (°C)	Temperature of water in basin Y (°C)
40	90
- ✓ C)

Temperature of water in basin X (°C)	Temperature of water in basin Y (°C)
75	25
- D)

Temperature of water in basin X (°C)	Temperature of water in basin Y (°C)
80	80

Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Tue 27th Jul 2021
 Last Modified: N/A
 QID#: 28,531,885

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

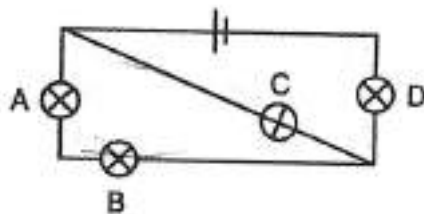
[Remove From Test](#)

Question 28

Primary 5 Science » Primary 5 Science (Term 4)

2 pts

Study the circuit below.



When one of the bulbs had blown, all the other bulbs did not light up. Which one of the bulbs had blown?

- A) A
- B) B
- C) C

✓ D) D

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 27th Jul 2021
Last Modified: N/A
QID#: 28,531,886

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

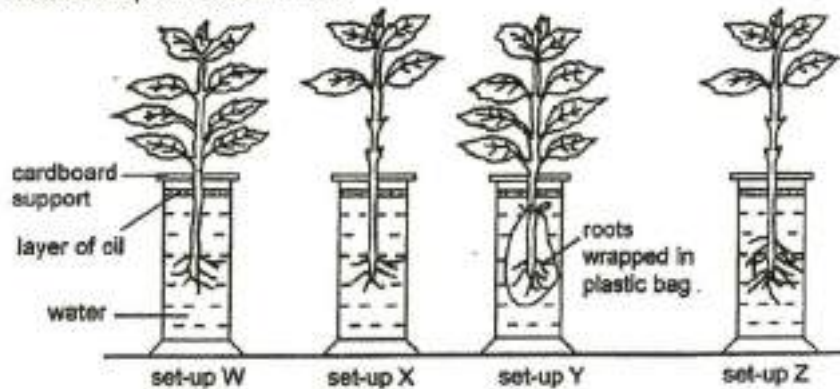
[Remove From Test](#)

Question 29

Primary 5 Science » Primary 5 Science (Term 4)

0 pts

Four plants were placed next to the window for a few hours in identical containers with the same amount of water as shown below to show that the roots of the plant absorb water.



How does adding a layer of oil make the result accurate? (1 mark)

This question 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.

Question Type: Essay
Date Added: Tue 27th Jul 2021
Last Modified: N/A
QID#: 28,531,891

Correctly answered feedback

Adding a layer prevents water from evaporating and thus there will be no loss of water due to evaporation.

Incorrectly answered feedback

Adding a layer prevents water from evaporating and thus there will be no loss of water due to evaporation.

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

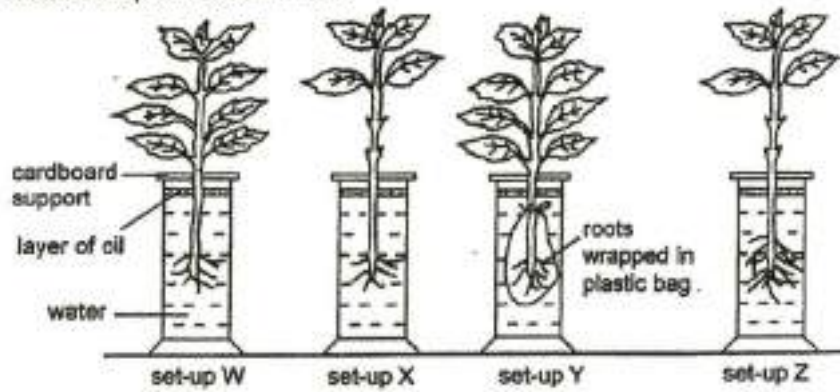
[Remove From Test](#)

Question 30

Primary 5 Science » Primary 5 Science (Term 4)

0 pts

Four plants were placed next to the window for a few hours in identical containers with the same amount of water as shown below to show that the roots of the plant absorb water.



Which two set-ups should be compared to ensure a fair test? Give a reason for your answer. (1 mark)

This question 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.

Question Type: Essay
 Date Added: Tue 27th Jul 2021
 Last Modified: N/A
 QID#: 28,531,913

Correctly answered feedback

W and Y. This is to ensure there is only one changed variable which is the roots wrapped in a plastic bag to ensure a fair test.

Incorrectly answered feedback

W and Y. This is to ensure there is only one changed variable which is the roots wrapped in a plastic bag to ensure a fair test.

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

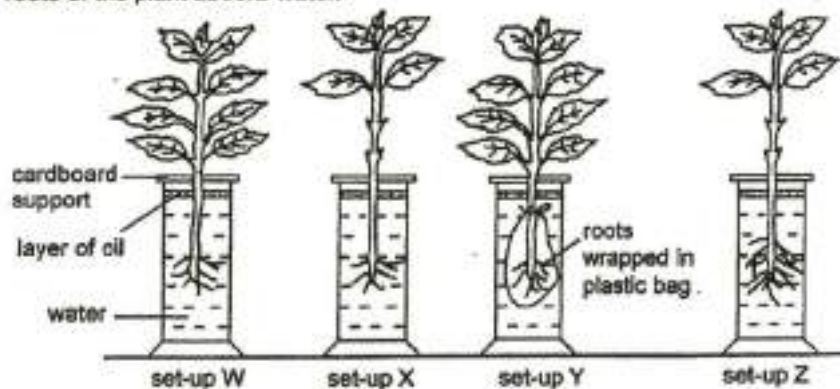
[Remove From Test](#)

Question 31

Primary 5 Science » Primary 5 Science (Term 4)

0 pts

Four plants were placed next to the window for a few hours in identical containers with the same amount of water as shown below to show that the roots of the plant absorb water.



What is another function of the roots of the plant? (1 mark)

This question 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.

Question Type: Essay
Date Added: Tue 27th Jul 2021
Last Modified: N/A
QID#: 28,531,892

Correctly answered feedback

To anchor the plant to the ground.

Incorrectly answered feedback

To anchor the plant to the ground.

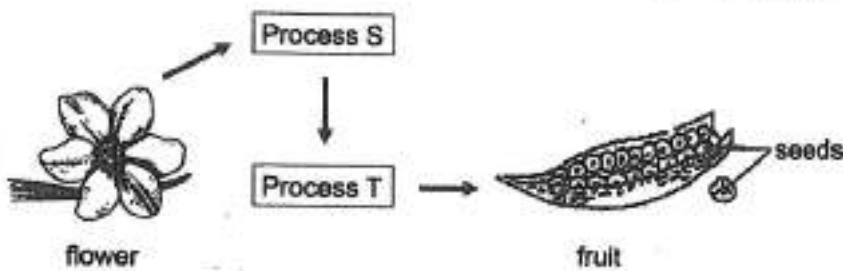
[Answers](#) |
 [Edit](#) |
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 [Used In](#) |
 [Reorder](#)
[Remove From Test](#)

Question 32

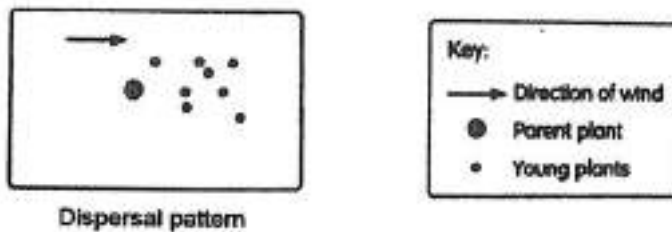
Primary 5 Science » Primary 5 Science (Term 4)

0 pts

The diagram below shows how a fruit is formed from a flower of a certain plant.



The diagram below shows the dispersal pattern of the plant.



Why do the new plants bear similar fruits as the adult plant? (1 mark)

This question 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.

Question Type: Essay
Date Added: Tue 27th Jul 2021
Last Modified: N/A
QID#: 28,531,893

Correctly answered feedback

They have the same life cycle.

Incorrectly answered feedback

They have the same life cycle.

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


[Remove From Test](#)

Question 33

Primary 5 Science » Primary 5 Science (Term 4)

0 pts

Some parts of a plant are shown below.

Draw arrows () in the diagram to show how food is transported in a plant. [1]

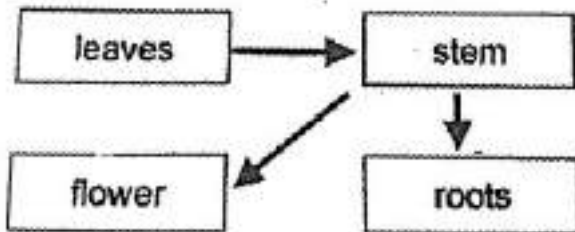


This question is designed for extended answers that parent/ teacher will have to assign and guide child to attempt after the test has been completed.

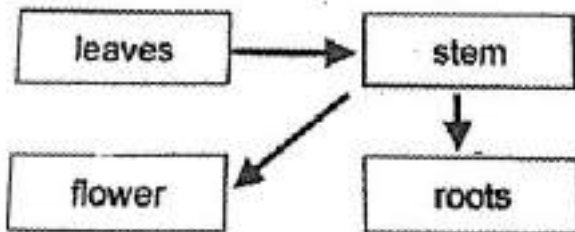
Grading: This question type is not graded on this system and will not affect the final score as it was designed in such a way that it requires manual assistance.

Question Type: Essay
Date Added: Tue 27th Jul 2021
Last Modified: N/A
QID#: 28,531,894

Correctly answered feedback



Incorrectly answered feedback



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

[Remove From Test](#)

Question 34

Primary 5 Science » Primary 5 Science (Term 4)

0 pts

Some insects ate their way into the stem of a plant. This affected the growth of the roots of the plant. Explain why. (2 marks)

This question 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.

Question Type: Essay
 Date Added: Tue 27th Jul 2021
 Last Modified: N/A
 QID#: 28,531,895

Correctly answered feedback

This is because when the animals ate the stem , some of the food-carrying tube could have been removed. Thus food produced from photosynthesis cannot be transport downwards to the roots.

Incorrectly answered feedback

This is because when the animals ate the stem , some of the food-carrying tube could have been removed. Thus food produced from photosynthesis cannot be transport downwards to the roots.

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

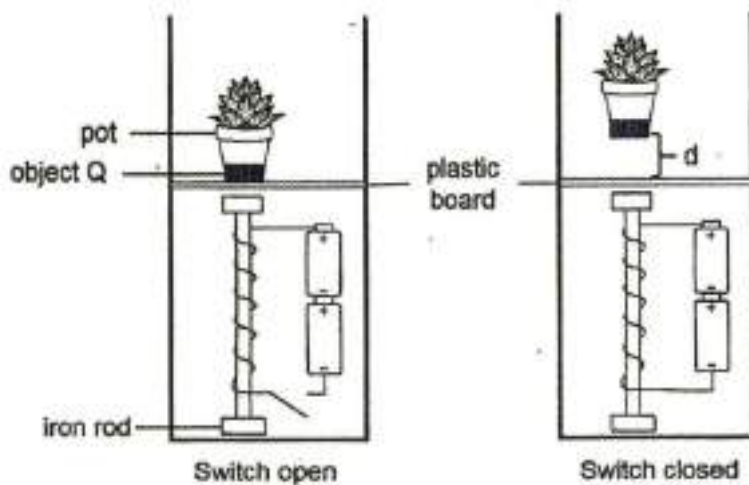
[Remove From Test](#)

Question 35

Primary 5 Science » Primary 5 Science (Term 4)

2 pts

An electric circuit was set up underneath a plastic board as shown below. When the switch was closed, the pot attached to object Q was able to float on the surface of the plastic board.



What is object Q? Explain why the pot could float above the plastic board when the circuit was closed.

Accepted answers:

- ✓ Magnet
- ✓ A magnet

Question Type: Free Text
Date Added: Tue 27th Jul 2021
Last Modified: N/A
QID#: 28,531,917

Correctly answered feedback

Object Q is a magnet. The magnet could float because of the like poles of the object Q and electromagnetic is facing each other, the repulsion force is experience, making the pot float.

Incorrectly answered feedback

Object Q is a magnet. The magnet could float because of the like poles of the object Q and electromagnetic is facing each other, the repulsion force is experience, making the pot float.

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

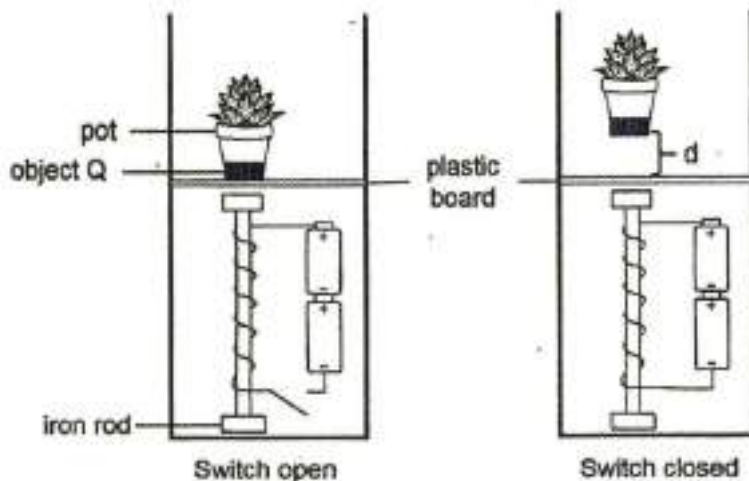
[Remove From Test](#)

Question 36

Primary 5 Science » Primary 5 Science (Term 4)

0 pts

An electric circuit was set up underneath a plastic board as shown below. When the switch was closed, the pot attached to object Q was able to float on the surface of the plastic board.



Suggest one way to reduce the distance between the plastic board and the pot (d) without making any changes to object Q? Give a reason for your answer. (1 mark)

This question 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.

Question Type: Essay
Date Added: Tue 27th Jul 2021
Last Modified: N/A
QID#: 28,531,896

Correctly answered feedback

Decrease the number of batteries in the circuit. It decreases the current flowing through the electromagnet, thus making it weaker and reducing the distance D.

Incorrectly answered feedback

Decrease the number of batteries in the circuit. It decreases the current flowing through the electromagnet, thus making it weaker and reducing the distance D.

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

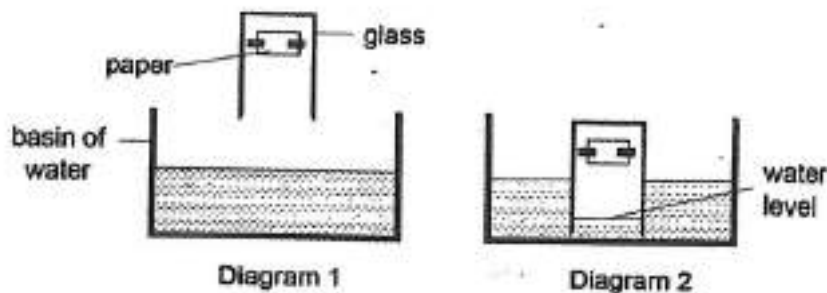
[Remove From Test](#)

Question 37

Primary 5 Science » Primary 5 Science (Term 4)

0 pts

Gopal taped a piece of paper to the inner side of the glass. He then lowered the glass into a basin of water as shown in Diagram 1 below. Diagram 2 showed what was observed after Gopal lowered the glass into the basin of water.



What did Gopal observe about the paper in Diagram 2? Explain your answer. (1 mark)

This question 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.

Question Type: Essay
Date Added: Tue 27th Jul 2021
Last Modified: N/A
QID#: 28,531,897

Correctly answered feedback

The paper is not wet. Air occupies space and cannot escape the glass, thus water cannot rise high enough to wet the paper.

Incorrectly answered feedback

The paper is not wet. Air occupies space and cannot escape the glass, thus water cannot rise high enough to wet the paper.

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

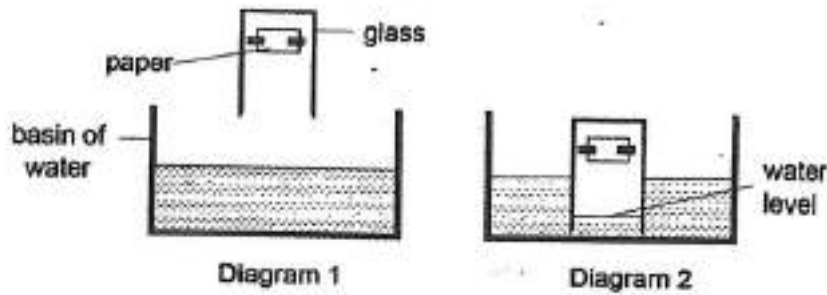
[Remove From Test](#)

Question 38

Primary 5 Science » Primary 5 Science (Term 4)

0 pts

Gopal taped a piece of paper to the inner side of the glass. He then lowered the glass into a basin of water as shown in Diagram 1 below. Diagram 2 showed what was observed after Gopal lowered the glass into the basin of water.



What did Gopal observe about the water level in the glass? Explain your answer. (1 mark)

This question 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.

Question Type: Essay
 Date Added: Tue 27th Jul 2021
 Last Modified: N/A
 QID#: 28,531,899

Correctly answered feedback

The water level in the glass is lower than the water level in the basin, air occupies space is unable to escape thus it prevents water level in glass to rise.

Incorrectly answered feedback

The water level in the glass is lower than the water level in the basin, air occupies space is unable to escape thus it prevents water level in glass to rise.

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

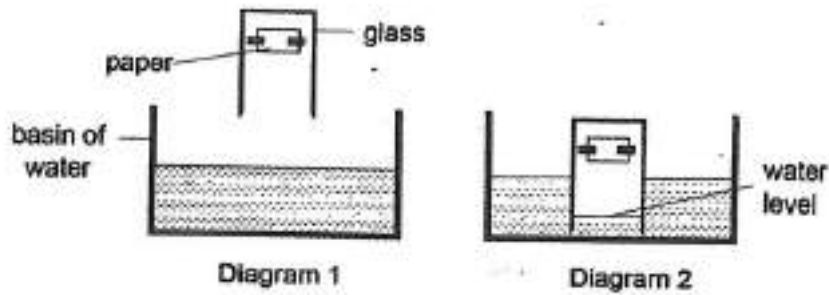
[Remove From Test](#)

Question 39

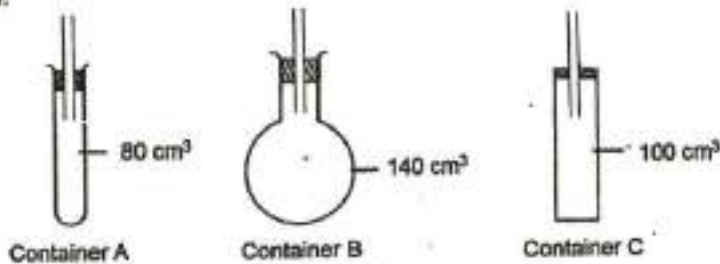
Primary 5 Science » Primary 5 Science (Term 4)

0 pts

Gopal taped a piece of paper to the inner side of the glass. He then lowered the glass into a basin of water as shown in Diagram 1 below. Diagram 2 showed what was observed after Gopal lowered the glass into the basin of water.



Gopal then tried to pump 100cm^3 of gas into the three containers as shown below.



Which containers would Gopal be able to pump in another 100cm^3 of gas? Explain your answer. [1]

This question 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.

Question Type: Essay
 Date Added: Tue 27th Jul 2021
 Last Modified: N/A
 QID#: 28,531,901

Correctly answered feedback

A, B, C. This is because air does not have definite shape, thus it can be compressed.

Incorrectly answered feedback

A, B, C. This is because air does not have definite shape, thus it can be compressed.

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

[Remove From Test](#)

Question 40

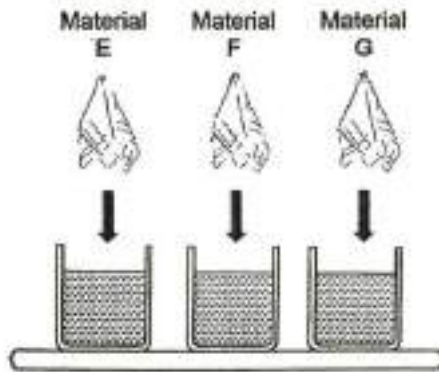
Primary 5 Science » Primary 5 Science (Term 4)

0 pts

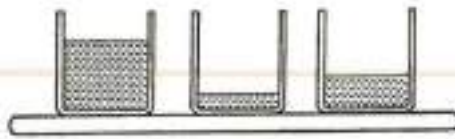
Zacchary wanted to choose a material to make the head of a mop as shown below.



He conducted an experiment with 3 pieces of material, E, F and G of the same size. He dipped each piece into the same amount of water for 5 minutes as shown below.



After 5 minutes, he removed the materials and observed the amount of water left in the beakers. The results are shown below.



After the experiment, Zachary placed the mop into the cupboard. One week later, he opened the cupboard and noticed some black spots growing on the head of the mop.

What are these black spots and where did they come from? (1 mark)

This question 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.

Question Type: Essay
Date Added: Tue 27th Jul 2021
Last Modified: N/A
QID#: 28,531,898

Correctly answered feedback

The black spots are mould. The spores from another head of the mop.

Incorrectly answered feedback

The black spots are mould. The spores from another head of the mop.

Question 41

Primary 5 Science » Primary 5 Science (Term 4)

0 pts

Nathaniel used his legs to pedal his bicycle when he delivered parcels.



Describe clearly how the organs in his body enable oxygen in the environment to reach his legs. (2 marks)

This question 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.

Question Type: Essay
Date Added: Tue 27th Jul 2021
Last Modified: N/A
QID#: 28,531,900

Correctly answered feedback

From the nose , then to the lung oxygen is taken in as Nathaniel breathes in air. Oxygen then get incorporated with the blood and is sent to the heart , which is then pumped to the other parts of the body , reaching his legs.

Incorrectly answered feedback

From the nose , then to the lung oxygen is taken in as Nathaniel breathes in air. Oxygen then get incorporated with the blood and is sent to the heart , which is then pumped to the other parts of the body , reaching his legs.

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

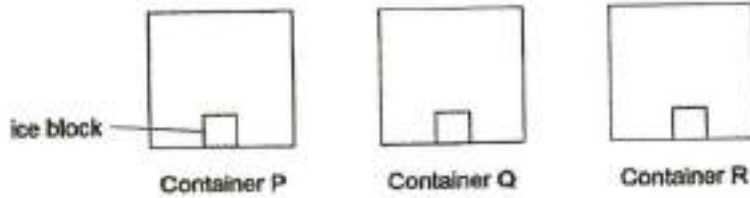
[Remove From Test](#)

Question 42

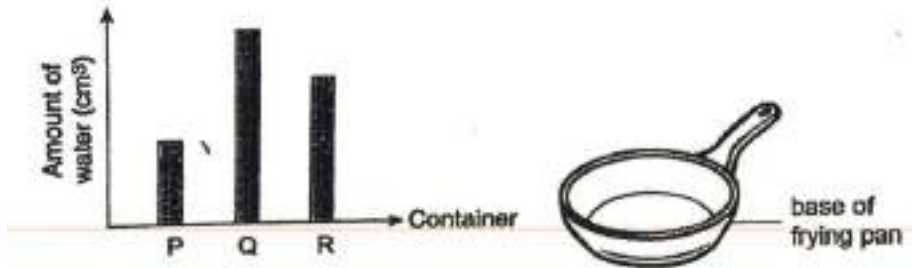
Primary 5 Science » Primary 5 Science (Term 4)

0 pts

June set up an experiment as shown below. She placed three identical ice blocks into each container made of a different material.



After 30 minutes, she removed the ice blocks from each container and measured the amount of water collected in each container. The results are shown below.



Which container P, Q or R is made of a material that is suitable to make the base of a frying pan? Explain your answer based on the results obtained. (2 marks)

This question 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.

Question Type: Essay
 Date Added: Tue 27th Jul 2021
 Last Modified: N/A
 QID#: 28,531,902

Correctly answered feedback

Container Q, it contains the most water, suggesting it is the least permeable, and gains heat the fastest to melt ice. Thus it is good conductor and the most water resistant suitable to be made into a pan.

Incorrectly answered feedback

Container Q, it contains the most water, suggesting it is the least permeable, and gains heat the fastest to melt ice. Thus it is good conductor and the most water resistant suitable to be made into a pan.

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

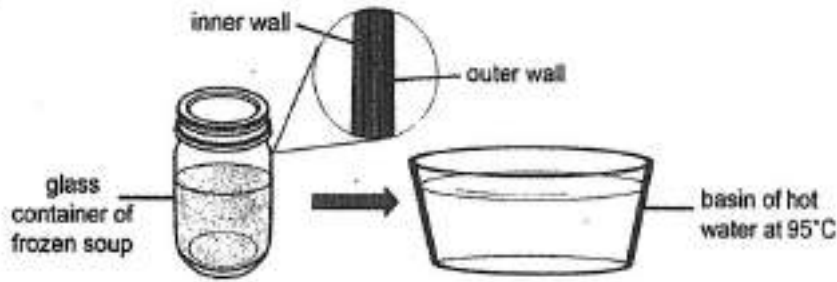
[Remove From Test](#)

Question 43

Primary 5 Science » Primary 5 Science (Term 4)

0 pts

June wanted to heat up some frozen soup for lunch. She placed the soup in a glass container with thick walls into a basin of hot water immediately after taking it out from the freezer.



Explain why the glass container of frozen soup cracked after it was placed into the basin of hot water. [1]

This question 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.

Question Type: Essay
Date Added: Tue 27th Jul 2021
Last Modified: N/A
QID#: 28,531,903

Correctly answered feedback

When the container is placed inside, the outer wall of the container gained heat and expanded more than the inner wall causing the glass to crack.

Incorrectly answered feedback

When the container is placed inside, the outer wall of the container gained heat and expanded more than the inner wall causing the glass to crack.

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

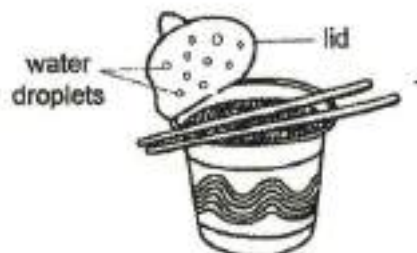
[Remove From Test](#)

Question 44

Primary 5 Science » Primary 5 Science (Term 4)

0 pts

Tim made some cup noodles by pouring hot water into the container and closed the lid. After 3 minutes, he opened the lid of the cup noodles and noticed some water droplets on the underside of the lid as shown below.



Explain how the water droplets on the underside of the lid were formed. (2 marks)

This question 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.

Question Type: Essay
Date Added: Tue 27th Jul 2021
Last Modified: N/A
QID#: 28,531,904

Correctly answered feedback

Some of the water enclosed in the cup evaporated to form water vapour, it condenses on the cooler inner surface of the lid and formed water droplets.

Incorrectly answered feedback

Some of the water enclosed in the cup evaporated to form water vapour, it condenses on the cooler inner surface of the lid and formed water droplets.

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

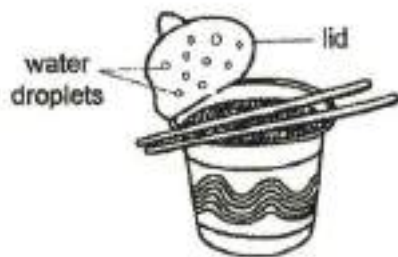
[Remove From Test](#)

Question 45

Primary 5 Science » Primary 5 Science (Term 4)

0 pts

Tim made some cup noodles by pouring hot water into the container and closed the lid. After 3 minutes, he opened the lid of the cup noodles and noticed some water droplets on the underside of the lid as shown below.



Tim was in a rush to finish the cup noodles but it was too hot. His brother suggested pouring the noodles onto a plate as shown below.



Explain why Tim's brother gave that suggestion.

[1]

This question 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.

Question Type: Essay
Date Added: Tue 27th Jul 2021
Last Modified: N/A
QID#: 28,531,905

Correctly answered feedback

It increases the exposed surface area in contact with the surrounding air and cools the noodles faster.

Incorrectly answered feedback

It increases the exposed surface area in contact with the surrounding air and cools the noodles faster.

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

[Remove From Test](#)

Question 46

Primary 5 Science » Primary 5 Science (Term 4)

0 pts

Sheryl took out a spray bottle containing some water from her bag on a hot day. When she sprayed the water on her face, tiny water droplets in the form of mist came into contact with her skin and she felt cool.



Explain why Sheryl's face felt cool after she sprayed some water on it. (2 marks)

This question 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.

Question Type: Essay
Date Added: Tue 27th Jul 2021
Last Modified: N/A
QID#: 28,531,906

Correctly answered feedback

ANALYSE	<ul style="list-style-type: none"> Heat source – Sheryl's face When the water droplets gained heat, Sheryl's face lost heat.
CONCEPT	Water will gain heat and evaporate. The source of heat (object) will lose heat and decrease in temperature.
EXPLAIN	The water droplets gained heat from Sheryl's face and evaporated, causing her face to lose heat and became cool.

Incorrectly answered feedback

ANALYSE	<ul style="list-style-type: none"> Heat source – Sheryl's face When the water droplets gained heat, Sheryl's face lost heat.
CONCEPT	Water will gain heat and evaporate. The source of heat (object) will lose heat and decrease in temperature.
EXPLAIN	The water droplets gained heat from Sheryl's face and evaporated, causing her face to lose heat and became cool.

Question 47

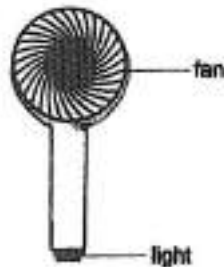
Primary 5 Science » Primary 5 Science (Term 4)

0 pts

Sheryl took out a spray bottle containing some water from her bag on a hot day. When she sprayed the water on her face, tiny water droplets in the form of mist came into contact with her skin and she felt cool.



After spraying the water on her face, Sheryl switched on her handheld fan as shown below.



Why did Sheryl's face feel cooler when she held the fan near it? [1]

This question 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.

Question Type: Essay
 Date Added: Tue 27th Jul 2021
 Last Modified: N/A
 QID#: 28,531,907

Correctly answered feedback

ANALYSE	• When the fan was switched on, wind was generated.
CONCEPT	The presence of wind increases the rate of evaporation.
EXPLAIN	The wind generated by the fan increased the rate of evaporation of the mist (tiny water droplets) causing her face to lose more heat.

Incorrectly answered feedback

ANALYSE	• When the fan was switched on, wind was generated.
CONCEPT	The presence of wind increases the rate of evaporation.
EXPLAIN	The wind generated by the fan increased the rate of evaporation of the mist (tiny water droplets) causing her face to lose more heat.

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

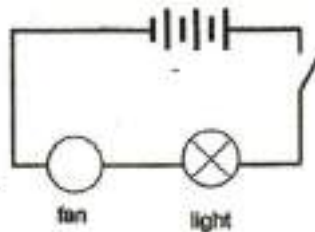
[Remove From Test](#)

Question 48

Primary 5 Science » Primary 5 Science (Term 4)

0 pts

The handheld fan has a light bulb which functions as a torch. The light bulb is connected to the handheld fan at the bottom. The circuit is as shown below.



- (c) What is the arrangement of the fan and light in the circuit shown above? Suggest one disadvantage of this arrangement. [1]

This question 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.

Question Type: Essay
 Date Added: Tue 27th Jul 2021
 Last Modified: N/A
 QID#: 28,531,908

Correctly answered feedback

ANALYSE	• The arrangement of the bulb and fan is arranged in series.
CONCEPT	The bulb and fan are arranged in series in a circuit. As the bulb and fan are arranged in series, when either one is not working, the other one cannot be turned on.
EXPLAIN	Series arrangement. When either the fan or light bulb is spoilt/not working, the other also cannot be turned on / work.

Incorrectly answered feedback

ANALYSE	• The arrangement of the bulb and fan is arranged in series.
CONCEPT	The bulb and fan are arranged in series in a circuit. As the bulb and fan are arranged in series, when either one is not working, the other one cannot be turned on.
EXPLAIN	Series arrangement. When either the fan or light bulb is spoilt/not working, the other also cannot be turned on / work.

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

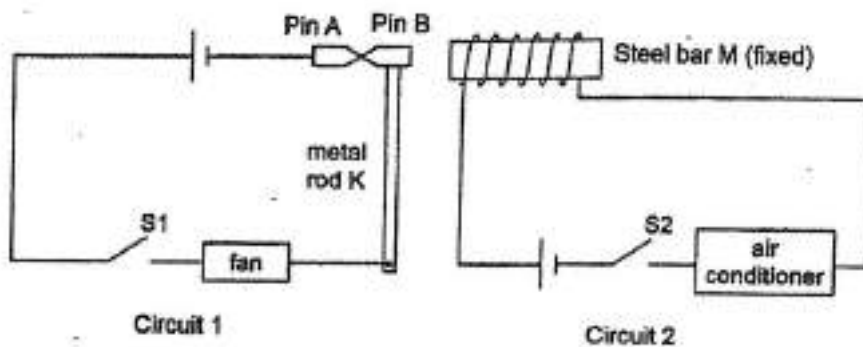
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Question 49

Primary 5 Science » Primary 5 Science (Term 4)

0 pts

Josh designed an electrical system for a fan and an air conditioner in his bedroom as shown below. The system prevents both the fan and air conditioner from being turned on at the same time.



M is a steel bar placed inside a coil of wire. A and B are two steel pins in contact with each other. Pin A is fixed while Pin B is attached to metal rod K and can move sideways.

On a hot afternoon, Josh closed switch S1 to turn the fan on. Ten minutes later, he still felt very warm and closed switch S2 to turn the air conditioner on.

State the movement of Pin B when switch S2 was closed. (1 mark)

This question 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.

Question Type: Essay
 Date Added: Tue 27th Jul 2021
 Last Modified: N/A
 QID#: 28,531,909

Correctly answered feedback

ANALYSE	• The electromagnet will attract Pin B.
CONCEPT	An electromagnet is a temporary magnet that will attract magnetic materials.
EXPLAIN	Pin B will move away from Pin A. / It will move towards Steel bar M.

Incorrectly answered feedback

ANALYSE	• The electromagnet will attract Pin B.
CONCEPT	An electromagnet is a temporary magnet that will attract magnetic materials.
EXPLAIN	Pin B will move away from Pin A. / It will move towards Steel bar M.

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

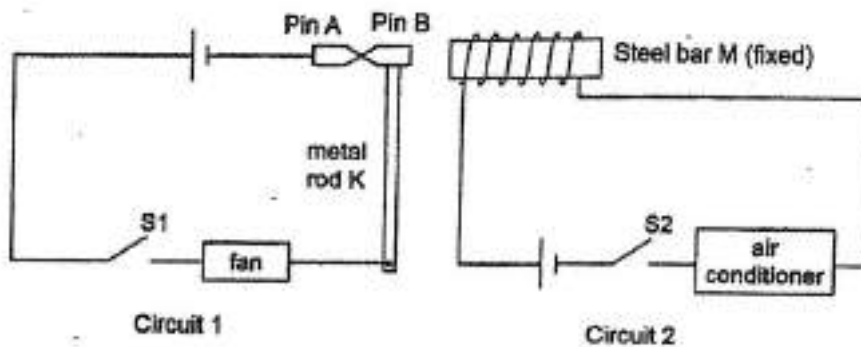
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Question 50

Primary 5 Science » Primary 5 Science (Term 4)

0 pts

Josh designed an electrical system for a fan and an air conditioner in his bedroom as shown below. The system prevents both the fan and air conditioner from being turned on at the same time.



M is a steel bar placed inside a coil of wire. A and B are two steel pins in contact with each other. Pin A is fixed while Pin B is attached to metal rod K and can move sideways.

On a hot afternoon, Josh closed switch S1 to turn the fan on. Ten minutes later, he still felt very warm and closed switch S2 to turn the air conditioner on.

What would happen to the fan when Josh closed switch S2? Explain your answer. (2 marks)

This question 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.

Question Type: Essay
 Date Added: Tue 27th Jul 2021
 Last Modified: N/A
 QID#: 28,531,910

Correctly answered feedback

ANALYSE	● Circuit 1 will be an open circuit.
CONCEPT	An electromagnet will attract magnetic materials. An open circuit will not allow current to pass through.
EXPLAIN	M will become an electromagnet/magnetised and will attract Pin B. This creates an open circuit and the fan will be switched off.

Incorrectly answered feedback

ANALYSE	● Circuit 1 will be an open circuit.
CONCEPT	An electromagnet will attract magnetic materials. An open circuit will not allow current to pass through.
EXPLAIN	M will become an electromagnet/magnetised and will attract Pin B. This creates an open circuit and the fan will be switched off.

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

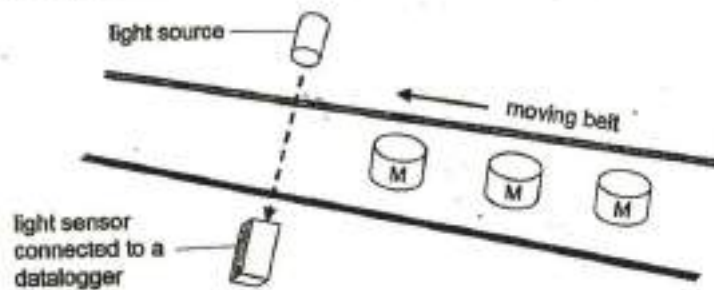
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Question 51

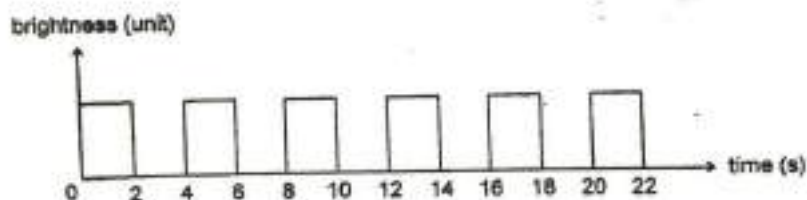
Primary 5 Science » Primary 5 Science (Term 4)

0 pts

In a factory, a light source and a light sensor were set up to count the number of identical container M on a moving belt as shown below.



The following results were recorded as shown below.



How could the number of container M be counted using the set-up above? (2 marks)

This question 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.

Question Type: Essay
 Date Added: Tue 27th Jul 2021
 Last Modified: N/A

Correctly answered feedback

ANALYSE	• An opaque object will result in a zero reading by the datalogger.
CONCEPT	Light will be completely blocked by an opaque object.
EXPLAIN	When object M is between the light sensor and the light source, it blocks the light from reaching the sensor. The number of times the light sensor cannot detect any light/reading is zero would be the number of object M counted.

Incorrectly answered feedback

ANALYSE	• An opaque object will result in a zero reading by the datalogger.
CONCEPT	Light will be completely blocked by an opaque object.
EXPLAIN	When object M is between the light sensor and the light source, it blocks the light from reaching the sensor. The number of times the light sensor cannot detect any light/reading is zero would be the number of object M counted.

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

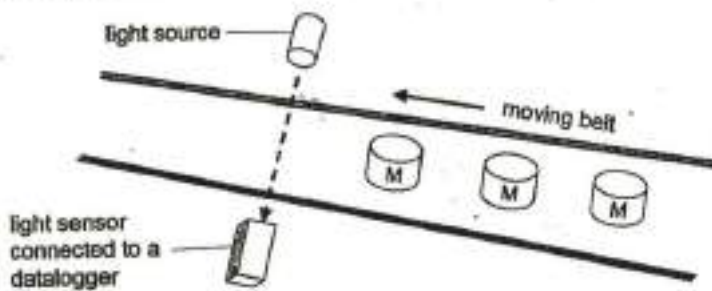
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Question 52

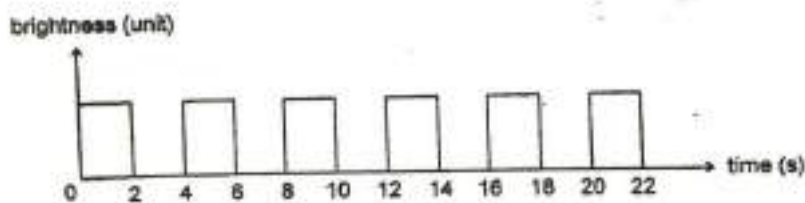
Primary 5 Science » Primary 5 Science (Term 4)

0 pts

In a factory, a light source and a light sensor were set up to count the number of identical container M on a moving belt as shown below.



The following results were recorded as shown below.



Based on the above results, what is the number of container M that passed the sensor in 14 seconds?
(1 mark)

This question 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.

Question Type: Essay
 Date Added: Tue 27th Jul 2021
 Last Modified: N/A
 QID#: 28,531,912

Correctly answered feedback

ANALYSE	• Similar to 41a.
CONCEPT	The objects can be counted when light is completely blocked by It using a sensor.
EXPLAIN	3

Incorrectly answered feedback

ANALYSE	• Similar to 41a.
CONCEPT	The objects can be counted when light is completely blocked by It using a sensor.
EXPLAIN	3

Answers | Edit | Duplicate | Used In | Reorder

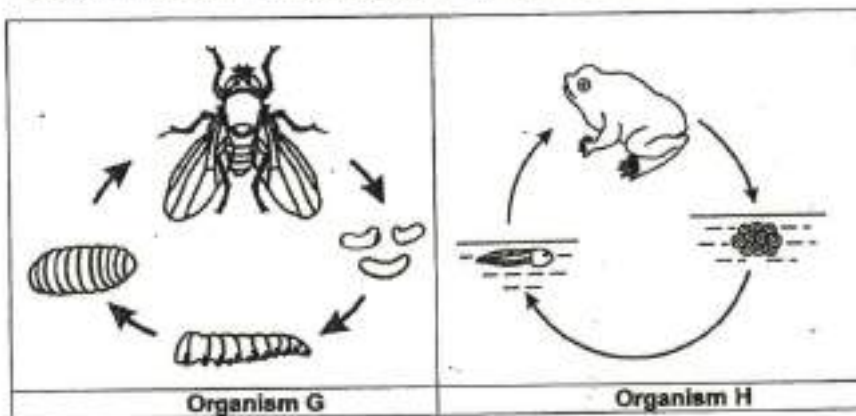
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Question 53

Primary 5 Science » Primary 5 Science (Term 4)

0 pts

The diagrams below show the life cycle of organisms G and H.



Based only on the diagrams, what is one similarity and difference between the life cycles of organism G and H? (2 marks)

This question 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.

Question Type: Essay
 Date Added: Tue 27th Jul 2021
 Last Modified: N/A
 QID#: 28,531,914

Correctly answered feedback

Similarity: Their young do not resemble the adult.

Difference: Organism H lays eggs in water while organism G lays eggs on land.

Incorrectly answered feedback

Similarity: Their young do not resemble the adult.

Difference: Organism H lays eggs in water while organism G lays eggs on land.

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

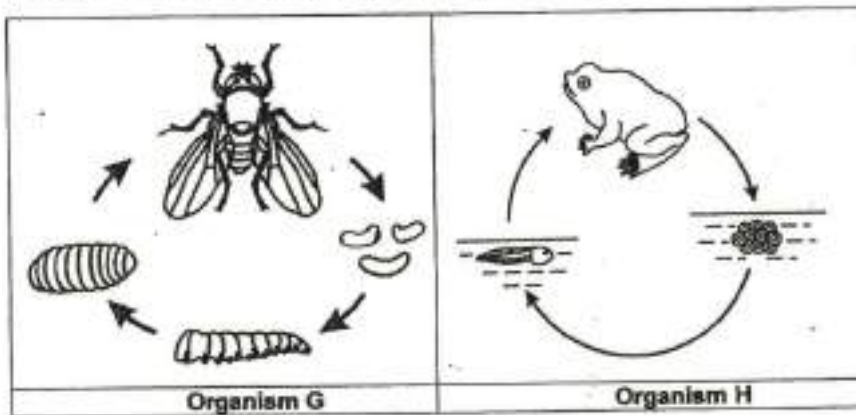
[Remove From Test](#)

Question 54

Primary 5 Science » Primary 5 Science (Term 4)

1 pt

The diagrams below show the life cycle of organisms G and H.



Which group of animals does organism G belong to? Give a reason for your answer. (1 mark)

Accepted answers:

✓ Insects

Question Type: Free Text

Date Added: Tue 27th Jul 2021

Last Modified: N/A

QID#: 28,531,922

Correctly answered feedback

Insects. This is because the organism G has six legs and only insects have six legs.

Incorrectly answered feedback

Insects. This is because the organism G has six legs and only insects have six legs.

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

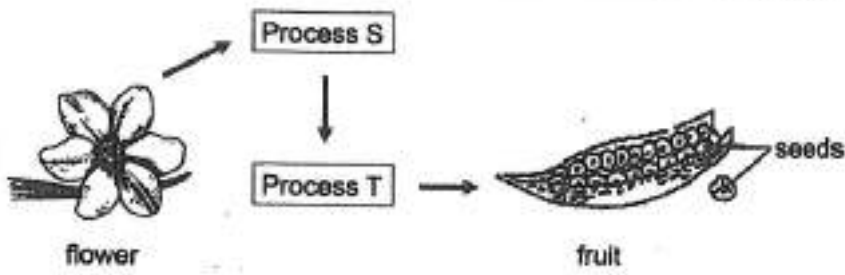
[Remove From Test](#)

Question 55

Primary 5 Science » Primary 5 Science (Term 4)

0 pts

The diagram below shows how a fruit is formed from a flower of a certain plant.



Explain why process S is important in the reproduction of flowering plants. (1 mark)

This question 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.

Question Type: Essay
 Date Added: Tue 27th Jul 2021
 Last Modified: N/A
 QID#: 28,531,915

Correctly answered feedback

Pollination is important because it leads to the production of fruits where the male reproductive cell fuses with the female reproductive cells.

Incorrectly answered feedback

Pollination is important because it leads to the production of fruits where the male reproductive cell fuses with the female reproductive cells.

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

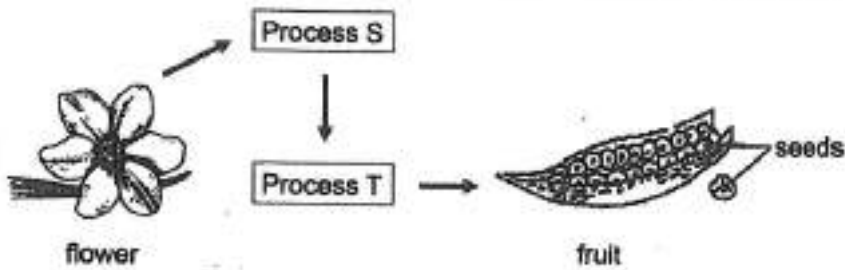
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Question 56

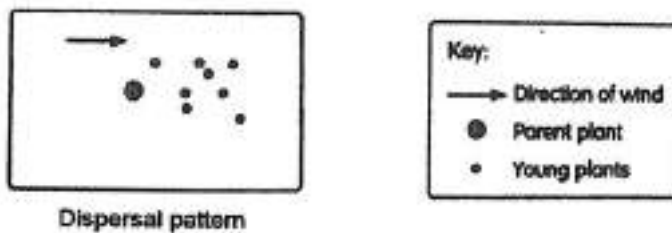
Primary 5 Science » Primary 5 Science (Term 4)

1 pt

The diagram below shows how a fruit is formed from a flower of a certain plant.



The diagram below shows the dispersal pattern of the plant.



How are the seeds dispersed? State a characteristic of the seed that allows it to be dispersed this way.

Accepted answers:

✓ Wind

Question Type: Free Text
Date Added: Tue 27th Jul 2021
Last Modified: N/A
QID#: 28,531,916

Correctly answered feedback

Wind. It has a wing-like structure.

Incorrectly answered feedback

Wind. It has a wing-like structure.

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

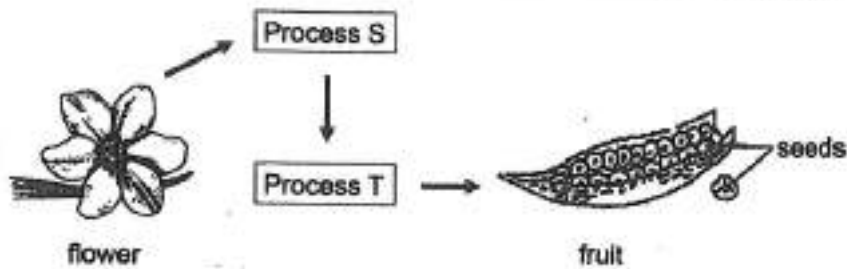
[Remove From Test](#)

Question 57

Primary 5 Science » Primary 5 Science (Term 4)

1 pt

The diagram below shows how a fruit is formed from a flower of a certain plant.



Which process S or T is similar to the reproduction of humans? Name the process.

Accepted answers:

- ✓ T. Fertilisation
- ✓ Process T, Fertilisation
- ✓ process t. Fertilisation
- ✓ T, fertilisation
- ✓ T. Fertilization
- ✓ T, fertilization
- ✓ Process T, fertilization

Question Type: Free Text
Date Added: Tue 27th Jul 2021
Last Modified: N/A
QID#: 28,531,923

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

[Remove From Test](#)

Question 58

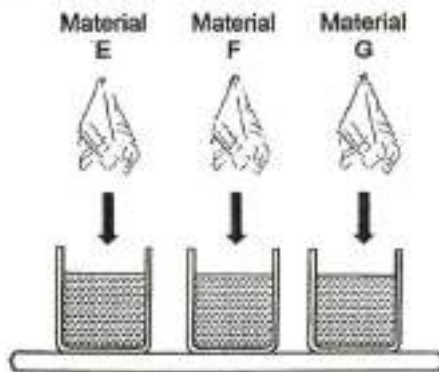
Primary 5 Science » Primary 5 Science (Term 4)

2 pts

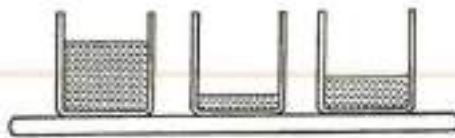
Zacchary wanted to choose a material to make the head of a mop as shown below.



He conducted an experiment with 3 pieces of material, E, F and G of the same size. He dipped each piece into the same amount of water for 5 minutes as shown below.



After 5 minutes, he removed the materials and observed the amount of water left in the beakers. The results are shown below.



From the results shown above, which material, E, F or G is the most suitable for making the head of a mop? Explain your answer clearly. (2 marks)

Accepted answers:

- ✓ Material F
- ✓ F

Question Type: Free Text
 Date Added: Tue 27th Jul 2021
 Last Modified: N/A
 QID#: 28,531,918

Correctly answered feedback

Material F. Material F managed to absorb the most amount of water among the three materials.

Incorrectly answered feedback

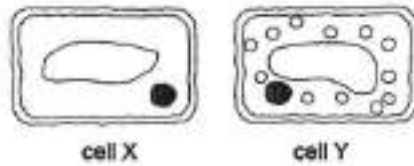
Material F. Material F managed to absorb the most amount of water among the three materials.

Question 59

Primary 5 Science » Primary 5 Science (Term 4)

1 pt

The diagram below show cells X and Y observed under a microscope.



Which cell is likely taken from the roots of the plant? Explain why. [1]

Accepted answers:

- ✓ Cell X
- ✓ X

Question Type: Free Text
Date Added: Tue 27th Jul 2021
Last Modified: N/A
QID#: 28,531,919

Correctly answered feedback

Cell X. This is because roots of the plant do not function like the leaves where chlorophyll is needed for photosynthesis.

Incorrectly answered feedback

Cell X. This is because roots of the plant do not function like the leaves where chlorophyll is needed for photosynthesis.

Question 60

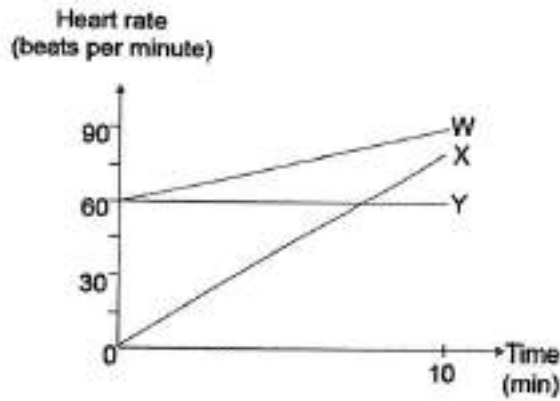
Primary 5 Science » Primary 5 Science (Term 4)

2 pts

Nathaniel used his legs to pedal his bicycle when he delivered parcels.



W, X and Y, in the graph below shows the possible heart rate when Nathaniel rode on the bicycle for 10 minutes.



Which letter, W, X or Y in the graph shows Nathaniel's possible heart rate when he was riding his bicycle? Explain your answer clearly. (2 marks)

Accepted answers:

- ✓ W
- ✓ Letter W

Question Type: Free Text
 Date Added: Tue 27th Jul 2021
 Last Modified: N/A
 QID#: 28,531,920

Correctly answered feedback

W, When he is riding the bike , he will need more energy , thus the heart rate increases to pump more oxygen rich blood to the body. The blood contains digested food to provide him with energy during respiration.

Incorrectly answered feedback

W, When he is riding the bike , he will need more energy , thus the heart rate increases to pump more oxygen rich blood to the body. The blood contains digested food to provide him with energy during respiration.

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

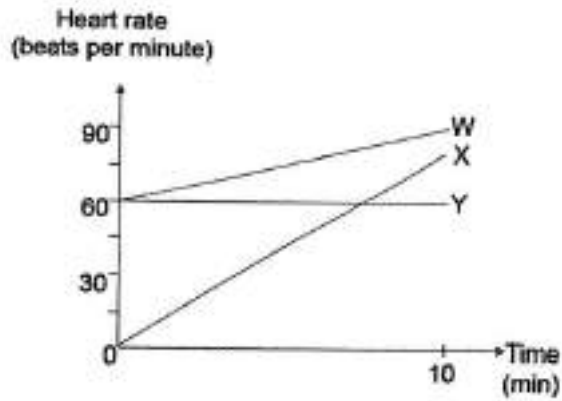
[Remove From Test](#)

Question 61

Primary 5 Science » Primary 5 Science (Term 4)

1 pt

W, X and Y, in the graph below shows the possible heart rate when Nathaniel rode on the bicycle for 10 minutes.



Which letter W, X or Y, in the graph suggest that Nathaniel is sleeping? Explain why. (1 mark)

Accepted answers:

- ✓ Y
- ✓ letter Y

Question Type: Free Text
Date Added: Tue 27th Jul 2021
Last Modified: N/A
QID#: 28,531,921

Correctly answered feedback

Y, during sleep not much energy is required thus he does not need much oxygen subsequently observed lower heart rate.

Incorrectly answered feedback

Y, during sleep not much energy is required thus he does not need much oxygen subsequently observed lower heart rate.

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

[Remove From Test](#)