




(2020) Primary 5 Science (Term 4) - Rosyth

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61 Questions (57 Points)

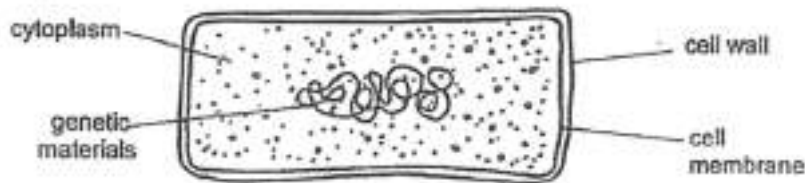
Question Bank: 9,275 Questions 

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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.

The diagram below shows a cell.



How is this cell different from a root cell?

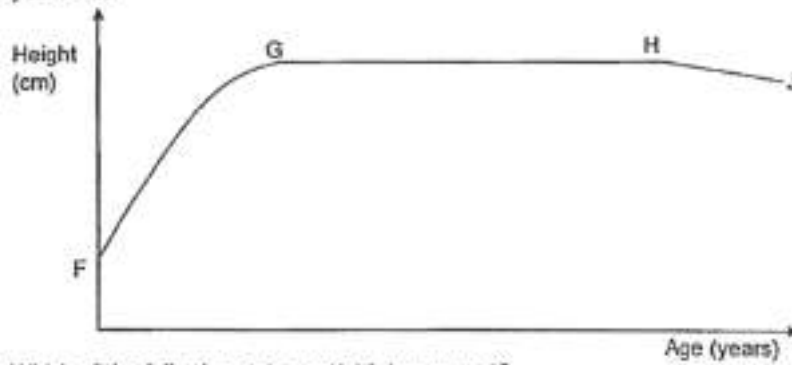
- A) It has cytoplasm
- B) It has no nucleus
- C) It has no chloroplasts
- D) It has a cell membrane

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 26th Aug 2021
Last Modified: N/A
QID#: 28,828,930

 Answers |
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Question 2 Primary 5 Science » Primary 5 Science (Term 4) 1 pt

The graph below shows the changes in the height of Mr Tan from birth to 80 years old.



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

- A From G to H, the cells in the body stop dividing.
- B From H to J, the cells in the body shrink in size.
- C From F to G, the cells in the body increase in number.
- D Cell division takes place throughout the period from F to J.

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

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 26th Aug 2021
Last Modified: N/A
QID#: 28,828,938

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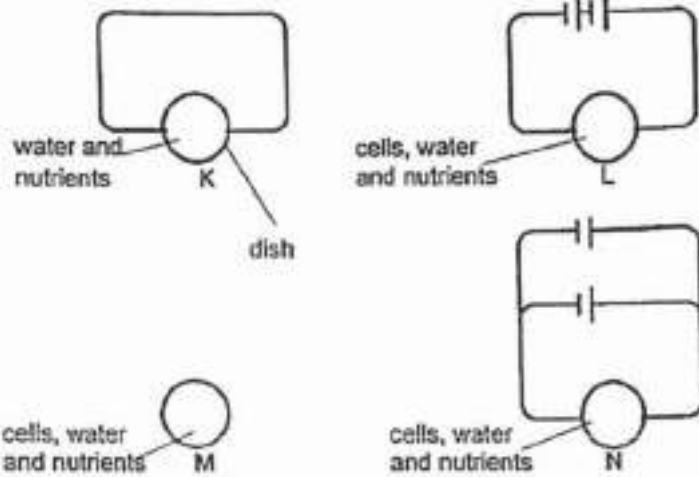
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Question 3

Primary 5 Science » Primary 5 Science (Term 4)

2 pts

Diana wanted to find out if cells divide at a faster rate when an electric current is passed through it. She filled each dish with some substances as shown below.



Which two set-ups should she use?

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

Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Thu 26th Aug 2021
 Last Modified: N/A
 QID#: 28,829,224

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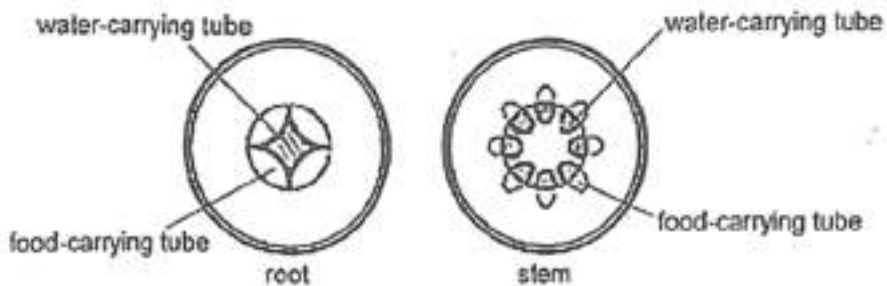
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Question 4

Primary 5 Science » Primary 5 Science (Term 4)

2 pts

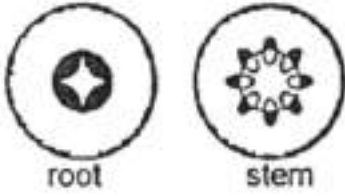
The diagram below shows the water and food-carrying tubes in a plant's cross-section of a stem and root.



The plant was placed in water containing black dye. After 24 hours, the plant was removed and a section was taken from the root and stem.

Which diagram shows the result?

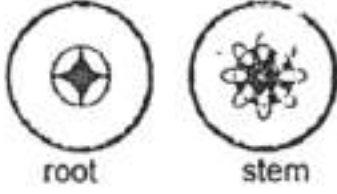
A)



root

stem

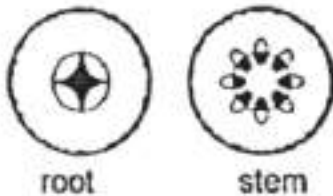
B)



root

stem

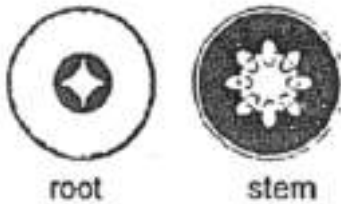
✓ C)



root

stem

D)



root

stem

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 26th Aug 2021
Last Modified: N/A
QID#: 28,829,236

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Question 5

Primary 5 Science » Primary 5 Science (Term 4)

2 pts

The diagram below shows part of the trunk of a tree with a ring of bark removed. Removing the ring of bark takes away the food-carrying tubes but leaves the water-carrying tubes untouched.



What will be the effect on the two branches?

| | upper branch | | lower branch | |
|-----|--------------|--------|--------------|--------|
| | growth | leaves | growth | leaves |
| (1) | normal | normal | normal | normal |
| (2) | swollen | wilted | normal | normal |
| (3) | reduced | wilted | reduced | wilted |
| (4) | normal | normal | normal | wilted |

- ✓ A) 1
- B) 2
- C) 3
- D) 4

Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Thu 26th Aug 2021
 Last Modified: N/A
 QID#: 28,829,239

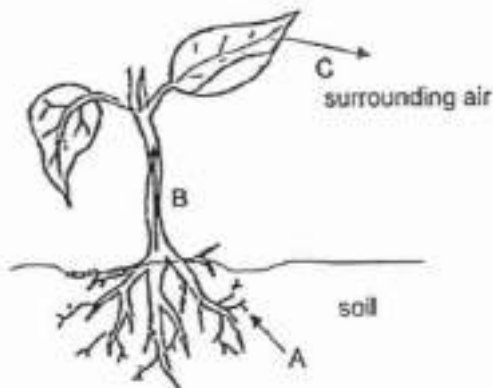
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Question 6

Primary 5 Science » Primary 5 Science (Term 4) 2 pts

The diagram below show the movement of water through a plant from the roots to the leaves.

Which arrow(s) show movement of water in the liquid state?



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

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 26th Aug 2021
Last Modified: N/A
QID#: 28,829,245

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Question 7

Primary 5 Science » Primary 5 Science (Term 4)

2 pts

Which one of the following statements about the respiratory system of a fish is not correct?

- A) The gill cover protects the gills
- B) Oxygen is absorbed into the bloodstream
- C) Gaseous exchange takes place in the gills
- ✓ D) Water rich in carbon dioxide passes out through the mouth

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 26th Aug 2021
Last Modified: N/A
QID#: 28,829,250

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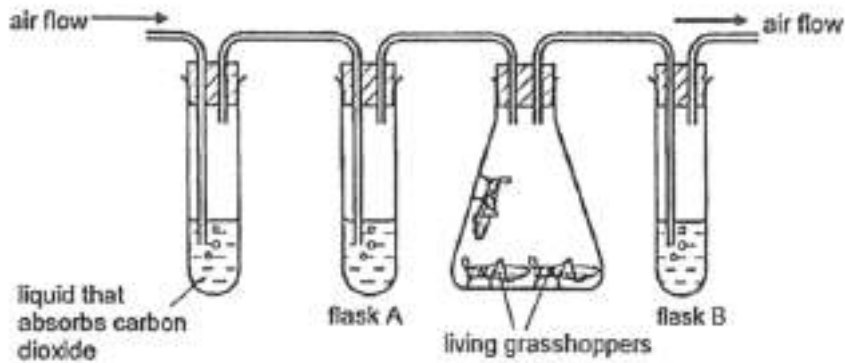
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Question 8

Primary 5 Science » Primary 5 Science (Term 4)

2 pts

An experiment is set up as shown. Flask A and B contain limewater. Air is pumped through the flasks.



What is the appearance of limewater in flask A and B after a period of twenty minutes?

| | flask A | flask B |
|-----|---------|---------|
| (1) | chalky | chalky |
| (2) | clear | chalky |
| (3) | chalky | clear |
| (4) | clear | clear |

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

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 26th Aug 2021
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Question 9

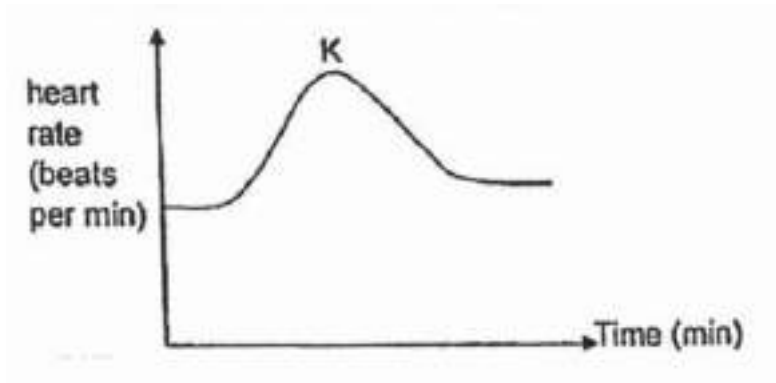
Primary 5 Science » Primary 5 Science (Term 4)

2 pts

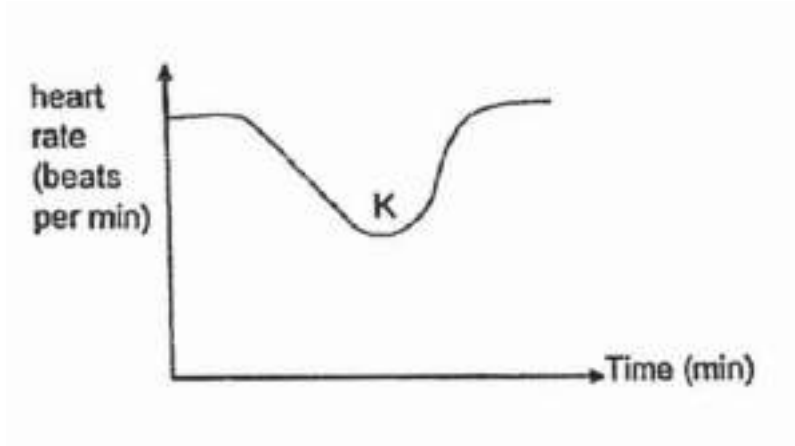
Peter started doing vigorous exercises for several minutes and then stopped to rest. He noted the effect on his heart rate from the start

Which one of the graphs shows that Peter stopped exercising at point K?

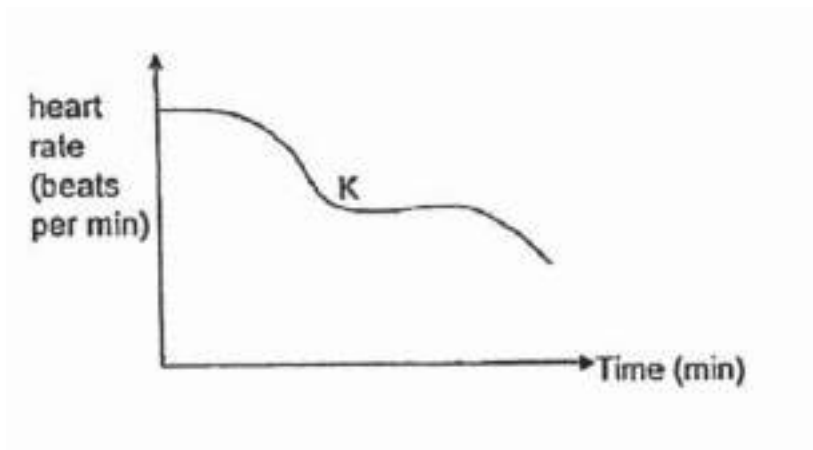
- A)



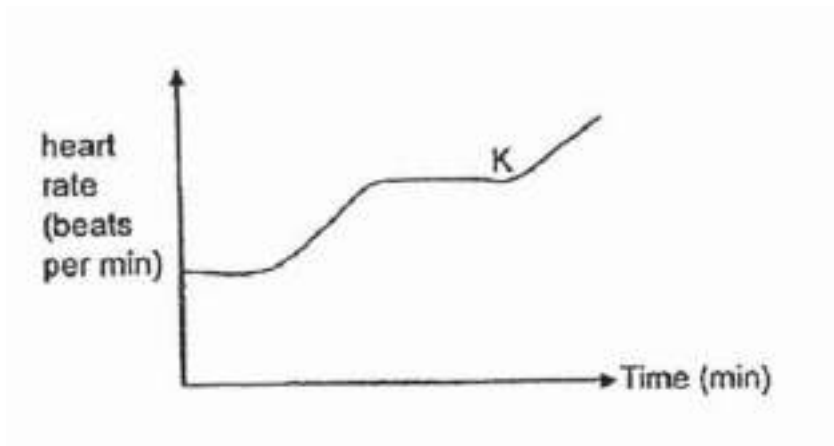
B)



C)



D)



Question Type: Multiple Choice
Randomize Answers: No

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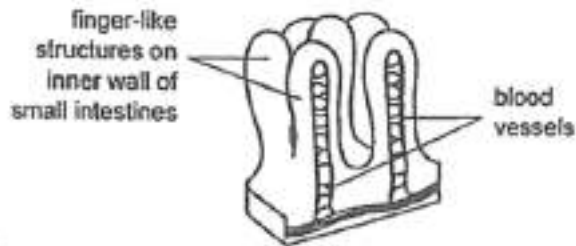
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Question 10

Primary 5 Science » Primary 5 Science (Term 4)

2 pts

The diagram below shows the finger-like structures found on the inner wall of the small intestine. The part is supplied by blood vessels for the blood to flow in and out of the part.



The amount of oxygen, carbon dioxide and digested food in the blood flowing in to the part was compared with that of the blood flowing out about two hours after a meal.

Which one of the following the correct comparison?

| Blood flowing in to the finger-like structure has _____ than blood flowing out. | | | |
|---|-------------|---------------------|--------------------|
| (1) | more oxygen | less carbon dioxide | less digested food |
| (2) | less oxygen | more carbon dioxide | more digested food |
| (3) | more oxygen | less carbon dioxide | more digested food |
| (4) | less oxygen | more carbon dioxide | less digested food |

- ✓ A) 1
 B) 2
 C) 3
 D) 4

Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Thu 26th Aug 2021
 Last Modified: N/A
 QID#: 28,829,264

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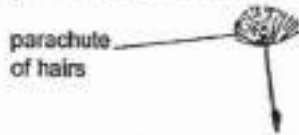
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Question 11

Primary 5 Science » Primary 5 Science (Term 4)

2 pts

The diagram shows a fruit attached to a parachute of hairs.



The table below shows the results of an experiment to investigate the time taken for four fruits of the same plant to fall to the ground.

| Fruit | Size of parachute of hairs (cm) | Time taken to fall to the ground (s) |
|-------|---------------------------------|--------------------------------------|
| P | 1.3 | 4.5 |
| Q | 1.0 | 4.0 |
| R | 0.7 | 2.5 |
| S | 0.5 | 1.8 |

Which conclusion can be drawn from these results?

- A) Fruit dispersed by wind must have presence of hair
- ✓ B) Parachute size affects the time taken for the fruit to fall to the ground
- C) Fruit P remained afloat in the air least while Fruit S remained in the air the most
- D) As the parachute size increases, the time taken to fall to the ground decreases

Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Thu 26th Aug 2021
 Last Modified: N/A
 QID#: 28,829,268

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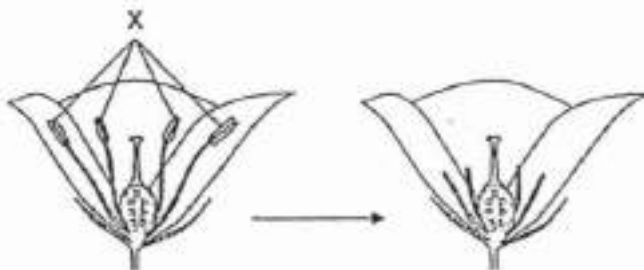
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Question 12

Primary 5 Science » Primary 5 Science (Term 4)

2 pts

The diagram below shows a flower. Joe removed the structures labelled before they had developed fully.



What is the effect of removing these structures?

- A) It prevents the flower from being fertilised
- B) It prevents the flower from being pollinated
- ✓ C) It prevents the flower from pollinating itself
- D) It prevents the flower from producing seeds

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 26th Aug 2021
Last Modified: N/A
QID#: 28,829,277

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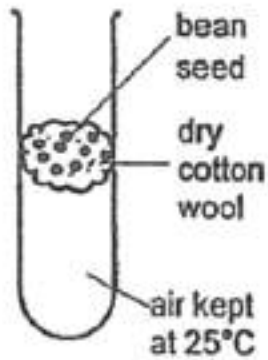
Question 13

Primary 5 Science » Primary 5 Science (Term 4)

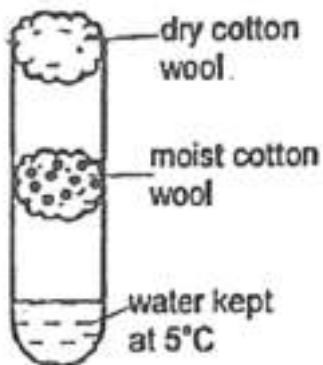
2 pts

In which test-tube would the bean seeds germinate most quickly?

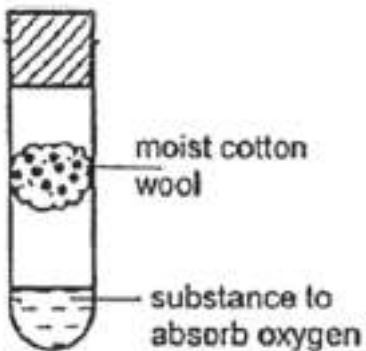
A)



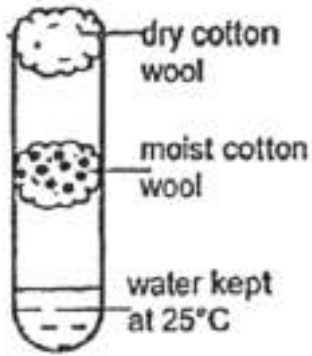
B)



C)



✓ D)



Question Type: Multiple Choice
Randomize Answers: No
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QID#: 28,829,290

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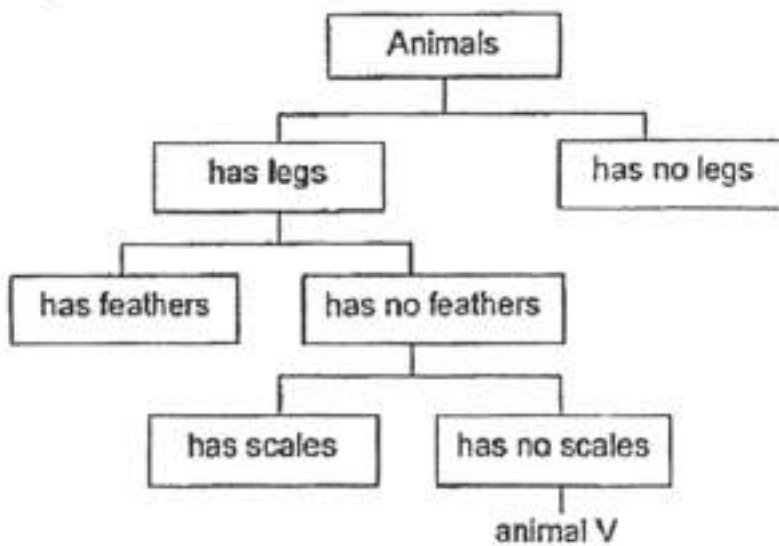
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Question 14

Primary 5 Science » Primary 5 Science (Term 4)

2 pts

Study the classification chart.



Which group of animal does animal V belong to?

- A) fish
- B) birds
- C) reptiles
- ✓ D) amphibians

Question Type: Multiple Choice
Randomize Answers: No

Date Added: Thu 26th Aug 2021
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 QID#: 28,829,295

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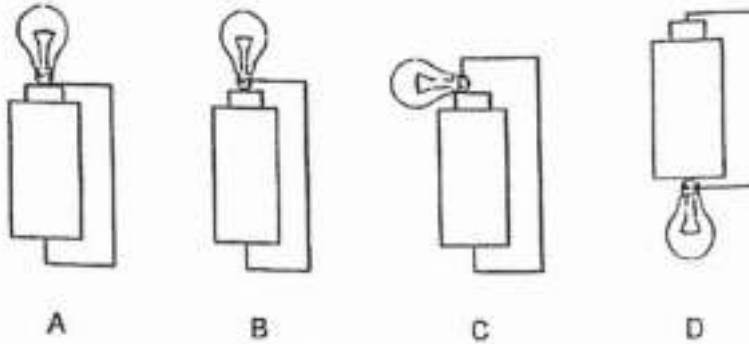
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Question 15

Primary 5 Science » Primary 5 Science (Term 4)

2 pts

The diagrams below show four different circuit connections.



Which two connections will the bulb light up?

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

Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Thu 26th Aug 2021
 Last Modified: N/A
 QID#: 28,829,300

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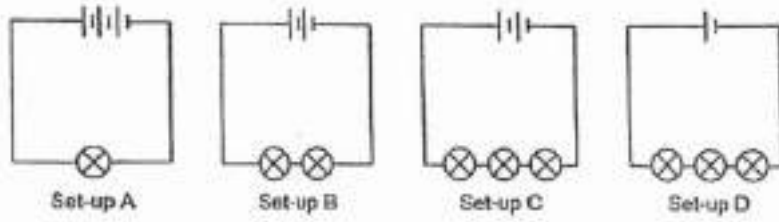
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Question 16

Primary 5 Science » Primary 5 Science (Term 4)

2 pts

Study the circuits below.



Which of the following is correct?

| | Least Bright | Brightest |
|-----|--------------|-----------|
| (1) | C | A |
| (2) | D | A |
| (3) | D | B |
| (4) | C | B |

- A) 1
- ✓ B) 2
- C) 3
- D) 4

Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Thu 26th Aug 2021
 Last Modified: N/A
 QID#: 28,829,305

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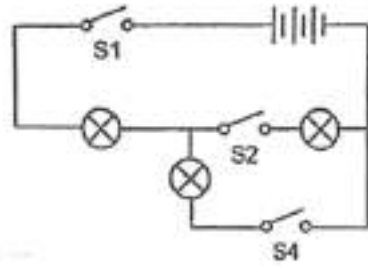
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Question 17

Primary 5 Science » Primary 5 Science (Term 4)

2 pts

Three children set up an electric circuit as shown in the diagram below and each made a statement about the circuit.



Closing switches S1 and S2 can light up two bulbs.



Nirmal



Anne



Junming

Closing switches S1 and S4 can light up two bulbs.

Closing all the switches will light up two bulbs.

Whose statement(s) is/are correct?

- A) Nirmal only
- B) Junming only
- ✓ C) Nirmal and Anne
- D) Nirmal and Junming

Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Thu 26th Aug 2021
 Last Modified: N/A
 QID#: 28,829,314

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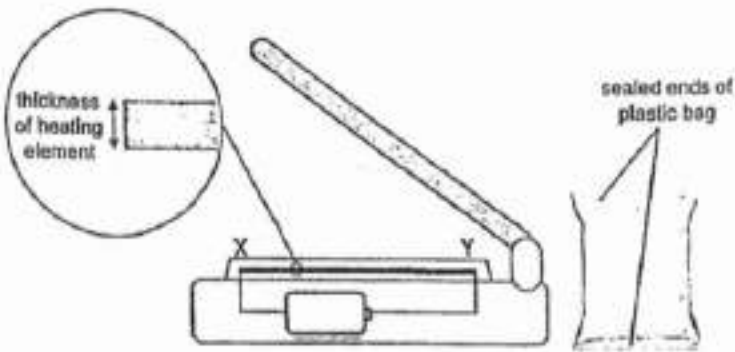
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Question 18

Primary 5 Science » Primary 5 Science (Term 4)

2 pts

A plastic bag sealer makes one part of the plastic bag melt and sticks together with the opposite side, creating a sealed line across as the plastic cools and solidifies. An experiment was conducted with different number of batteries in a circuit and different thicknesses of heating element being connected across point X and Y. The length of the heating element was the same.



The results of the experiment was recorded below.

| Number of battery | Thickness of heating element (mm) | Temperature of heating element after 1 minute (°C) |
|-------------------|-----------------------------------|--|
| 1 | 0.5 | 55 |
| 1 | 1.0 | 50 |
| 1 | 1.5 | 40 |
| 2 | 0.5 | 70 |
| 2 | 1.0 | 60 |
| 2 | 1.5 | 45 |

Based on the results, which is the best way to heat up the heating element to seal a thick plastic bag?

| | Amount of current | Thickness of heating element |
|-----|-------------------|------------------------------|
| (1) | High | Thin |
| (2) | High | Thick |
| (3) | Low | Thin |
| (4) | Low | Thick |

- ✓ A) 1
B) 2
C) 3
D) 4

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 26th Aug 2021
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Question 19

Primary 5 Science » Primary 5 Science (Term 4)

2 pts

Three different processes were observed

- A a cup of tea boiling
B a block of butter melting

C a drop of liquid was hardening

Which of the following process(es) will involved heat loss by the object?

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

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 26th Aug 2021
Last Modified: N/A
QID#: 28,829,330

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Question 20

Primary 5 Science » Primary 5 Science (Term 4)

2 pts

Study the weather report of four days.

Which day is most suitable to hang washed clothes outside in the morning to dry by the end of afternoon?

| | Day | Morning | Afternoon |
|-----|-----------|--|---|
| (1) | Sunday |  Sunny |  Rainy |
| (2) | Monday |  Thunderstorm with strong wind |  Sunny |
| (3) | Tuesday |  Strong wind |  Cloudy |
| (4) | Wednesday |  Very sunny |  Rainy |

- A) 1
- B) 2
- ✓ C) 3
- D) 4

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 26th Aug 2021
Last Modified: N/A
QID#: 28,829,336

Question 21

Primary 5 Science » Primary 5 Science (Term 4)

2 pts

Which of the following statements about the water cycle is true?

- A) Heat is lost by the water that evaporates
- B) Rain falls when the temperature in the sky lowers
- C) Heat is gained by water vapour that becomes clouds
- ✓ D) Heat is gained by the surrounding air when clouds form

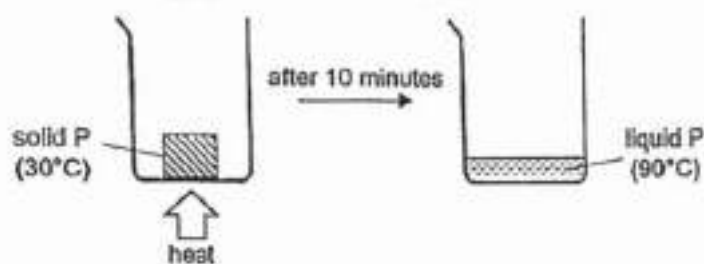
Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 26th Aug 2021
Last Modified: N/A
QID#: 28,829,346

Question 22

Primary 5 Science » Primary 5 Science (Term 4)

2 pts

Ainu conducted an experiment by heating substance P. At the start, P was a solid at 30°C. After 10 minutes of heating, P reached a temperature of 90°C as shown.



Based on Ainu's experiment, which one of the following is possible?

| | Melting point of P (°C) | Boiling point of P (°C) |
|-----|-------------------------|-------------------------|
| (1) | 30 | 105 |
| (2) | 50 | 80 |
| (3) | 30 | 80 |
| (4) | 50 | 105 |

- A) 1
- B) 2
- C) 3
- ✓ D) 4

Question Type: Multiple Choice
Randomize Answers: No

Date Added: Thu 26th Aug 2021
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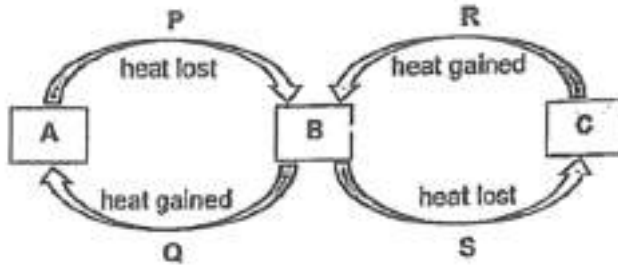
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Question 23

Primary 5 Science » Primary 5 Science (Term 4)

2 pts

A, B and C represent the three states of matter. Which two arrows indicate melting and evaporation respectively?



| | Melting | Evaporation |
|-----|---------|-------------|
| (1) | R | Q |
| (2) | Q | P |
| (3) | P | S |
| (4) | S | R |

- ✓ A) 1
- B) 2
- C) 3
- D) 4

Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Thu 26th Aug 2021
 Last Modified: N/A
 QID#: 28,829,351

Answers | Edit | Duplicate | Used In | Reorder

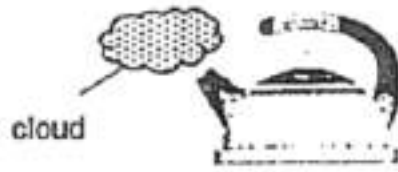
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Question 24

Primary 5 Science » Primary 5 Science (Term 4)

2 pts

Tim has a kettle of boiling water.



Tim made some statements.

- A There is no steam produced.
- B Condensation has taken place.
- C The temperature of the cloud is 100°C.
- D The mass of water in the kettle is decreasing.

Which statements are not correct?

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

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 26th Aug 2021
Last Modified: N/A
QID#: 28,829,354

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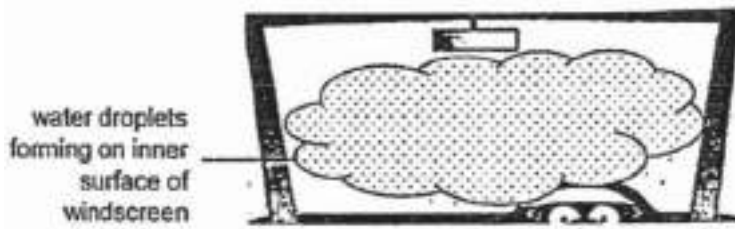
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Question 25

Primary 5 Science » Primary 5 Science (Term 4)

2 pts

Diana was driving and observed that the inner surface of her car's windscreen has lots of water droplets.



Which is the most possible temperature of air outside and inside the car that could form the most water droplets?

| | Temperature outside the car (°C) | Temperature inside the car (°C) |
|-----|-------------------------------------|------------------------------------|
| (1) | 16 | 17 |
| (2) | 28 | 16 |
| (3) | 16 | 29 |
| (4) | 29 | 29 |

- A) 1
- B) 2
- ✓ C) 3
- D) 4

Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Thu 26th Aug 2021
 Last Modified: N/A
 QID#: 28,829,357

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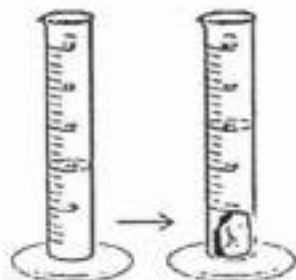
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Question 26

Primary 5 Science » Primary 5 Science (Term 4)

2 pts

The diagram below shows the water level in a measuring cylinder before and after a stone is dropped in.



What is the purpose of this set-up?

- A) To measure the mass of the stone
- B) To measure the volume of the stone



- C) To show that stone can not be compressed
- D) To show that water does not have a fixed shape

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 26th Aug 2021
Last Modified: N/A
QID#: 28,829,361

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

[Remove From Test](#)

Question 27

Primary 5 Science » Primary 5 Science (Term 4)

2 pts

Three different types of powder are mixed together. The powders cannot dissolve in water. The following table shows the properties of the three powders.

| | Property A | Property B | Property C | Property D |
|--------|------------------------|-----------------|--------------------------------------|------------------------------|
| Powder | Does it sink in water? | Is it magnetic? | Does it allow light to pass through? | Does it conduct electricity? |
| X | Yes | Yes | No | No |
| Y | Yes | No | No | Yes |
| Z | No | Yes | No | No |

If someone wants to separate the three types of powder most quickly, which two properties should he make use of?

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

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 26th Aug 2021
Last Modified: N/A
QID#: 28,829,364

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

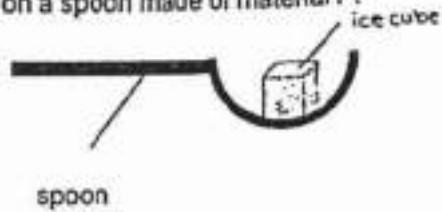
[Remove From Test](#)

Question 28

Primary 5 Science » Primary 5 Science (Term 4)

2 pts

An ice cube is placed on a spoon made of material P.



The time taken for the ice cube to completely melt when placed on the spoon was recorded below. The experiment is repeated for identical ice cubes and identical spoons made of material Q, R and S.

| Material of spoon | Mass of spoon (grams) | Time taken for ice cube to melt completely (seconds) |
|-------------------|-----------------------|--|
| P | 32 | 56 |
| Q | 45 | 80 |
| R | 35 | 157 |
| S | 90 | 162 |

Which material is most suitable for making the food delivery box so that the rider can bear the weight of the box better over a long distance, yet able to keep food hot when delivered?



- A) P
- B) Q
- ✓ C) R
- D) S

Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Thu 26th Aug 2021
 Last Modified: N/A
 QID#: 28,829,367

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

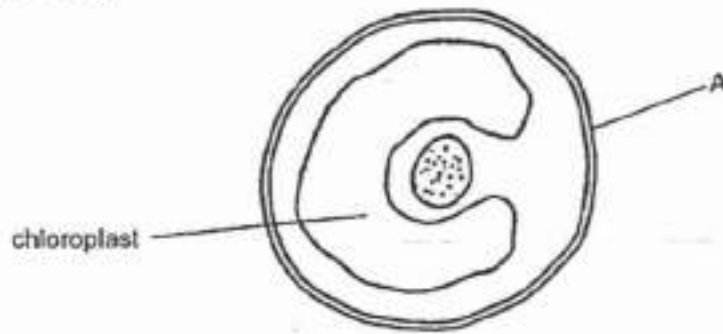
[Remove From Test](#)

Question 29

Primary 5 Science » Primary 5 Science (Term 4)

0 pts

The diagram below shows a unicellular organism X often found growing on the bark of trees.



(a) Identify the part of the cell labelled A.

[1]

Question Type: Essay
Date Added: Thu 26th Aug 2021
Last Modified: N/A
QID#: 28,829,516

Correctly answered feedback

Cell Wall

Incorrectly answered feedback

Cell Wall

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

[Remove From Test](#)

Question 30

Primary 5 Science » Primary 5 Science (Term 4)

0 pts

b) Name two parts of organism X that can be found in both plant and animal cells

Question Type: Essay
Date Added: Thu 26th Aug 2021
Last Modified: N/A
QID#: 28,829,522

Correctly answered feedback

Cytoplasm and nucleus

Incorrectly answered feedback

Cytoplasm and nucleus

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

[Remove From Test](#)

Question 31

Primary 5 Science » Primary 5 Science (Term 4)

0 pts

c) How does organism X obtain food? Support your answer

Question Type: Essay
Date Added: Thu 26th Aug 2021
Last Modified: N/A

QID#: 28,829,533

Correctly answered feedback

Chloroplasts. The chloroplasts would trap sunlight to make food for the cell

Incorrectly answered feedback

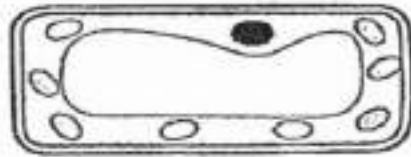
Chloroplasts. The chloroplasts would trap sunlight to make food for the cell

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)[Remove From Test](#)**Question 32**

Primary 5 Science » Primary 5 Science (Term 4)

0 pts

The diagram below shows a leaf cell.



- (d) Observe organism X and the leaf cell. State a difference between them. (Do not mention shape and size) [1]

Question Type: Essay
Date Added: Thu 26th Aug 2021
Last Modified: N/A
QID#: 28,829,540

Correctly answered feedback

Organism X has only one chloroplasts but the leaf cell have a few chloroplasts

Incorrectly answered feedback

Organism X has only one chloroplasts but the leaf cell have a few chloroplasts

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)[Remove From Test](#)**Question 33**

Primary 5 Science » Primary 5 Science (Term 4)

0 pts

Jenny grew some celery plants in her garden. She saw some tiny insects feeding on the stem of her celery plant. These insects used their mouths to poke into the stem of the plant.



(a) Explain why these insects poke into the stems.

Question Type: Essay
Date Added: Thu 26th Aug 2021
Last Modified: N/A
QID#: 28,829,543

Correctly answered feedback

To get water from the xylem in order to survive

Incorrectly answered feedback

To get water from the xylem in order to survive

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

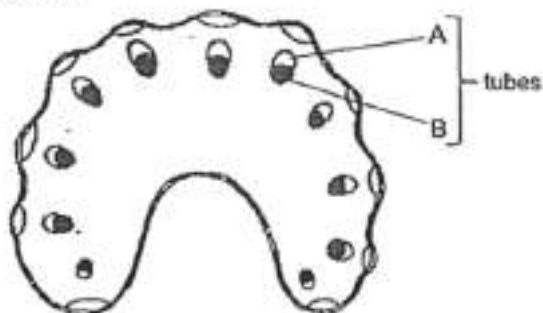
[Remove From Test](#)

Question 34

Primary 5 Science » Primary 5 Science (Term 4)

0 pts

She sprays a lot of pesticide and the pesticide enters the soil and gets absorbed by the plant.



The diagram above shows the cross section of a celery stem. The shaded part of the tubes is where she could find pesticide.

(b) Is part B a food-carrying tube or water-carrying tube? Explain why. [2]

Question Type: Essay
Date Added: Thu 26th Aug 2021

Last Modified: N/A
QID#: 28,829,557

Correctly answered feedback

Part B is a water-carrying tube. The roots would absorb the pesticide, water and minerals for the soil and the pesticide, water and minerals is transported up to the leaves through water-carrying tubes that is why part B is shaded

Incorrectly answered feedback

Part B is a water-carrying tube. The roots would absorb the pesticide, water and minerals for the soil and the pesticide, water and minerals is transported up to the leaves through water-carrying tubes that is why part B is shaded

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

[Remove From Test](#)

Question 35

Primary 5 Science » Primary 5 Science (Term 4)

0 pts

The diagram below shows a plant.



(a) Identify the substance that is transported from Z to the roots. [1]

Question Type: Essay
Date Added: Thu 26th Aug 2021
Last Modified: N/A
QID#: 28,829,566

Correctly answered feedback

Food made by the leaves

Incorrectly answered feedback

Food made by the leaves

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

[Remove From Test](#)

Question 36

Primary 5 Science » Primary 5 Science (Term 4)

0 pts

b) Besides transporting substances, state another function of Y

Question Type: Essay
Date Added: Thu 26th Aug 2021
Last Modified: N/A
QID#: 28,829,571

Correctly answered feedback

To support the plant for the leaves to get as much sunlight a possible to make food

Incorrectly answered feedback

To support the plant for the leaves to get as much sunlight a possible to make food

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

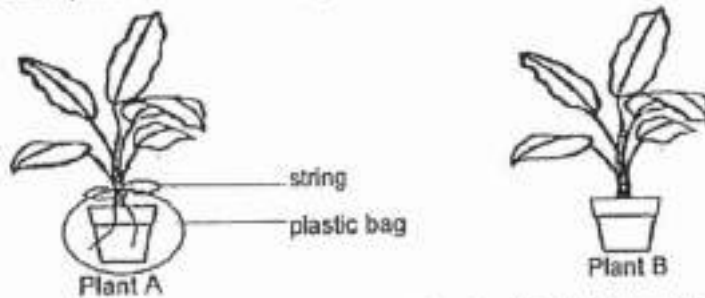
[Remove From Test](#)

Question 37

Primary 5 Science » Primary 5 Science (Term 4)

0 pts

Jill conducted an investigation. She took two similar pots of plants A and B. She put a plastic bag around the pot of the potted plant A as shown below. She tied a string tightly around the plastic bag and the stem. She placed them at the same place and watered only the leaves of both plants.



(c) Plant A died but Plant B did not. Explain why Plant B did not die. [1]

Question Type: Essay

Date Added: Thu 26th Aug 2021

Last Modified: N/A

QID#: 28,829,575

Correctly answered feedback

water in the leaves would slid down, into the soil for roots to take in water

Incorrectly answered feedback

water in the leaves would slid down, into the soil for roots to take in water

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

[Remove From Test](#)

Question 38

Primary 5 Science » Primary 5 Science (Term 4)

0 pts

d) What is the purpose of plant B in the experiment?

Question Type: Essay

Date Added: Thu 26th Aug 2021

Last Modified: N/A

QID#: 28,829,581

Correctly answered feedback

Affecting the growth of the plant take in water through their roots

Incorrectly answered feedback

Affecting the growth of the plant take in water through their roots

Answers | Edit | Duplicate | Used In | Reorder

Remove From Test

Question 39

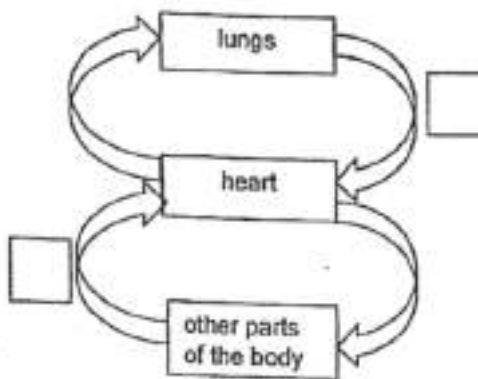
Primary 5 Science » Primary 5 Science (Term 4)

0 pts

Read the statements carefully.

| Letter | Statement |
|--------|---|
| N | The blood has no oxygen. |
| P | The blood is rich in oxygen and carbon dioxide. |
| Q | The blood is rich in carbon dioxide. |
| R | The blood is rich in oxygen. |

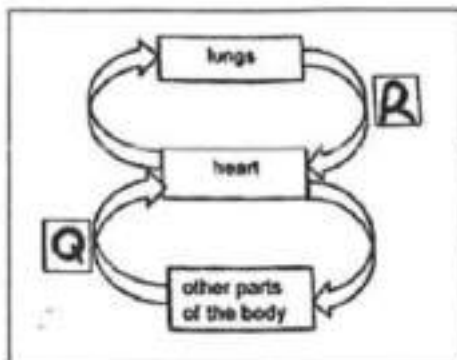
- (a) The diagram below shows the human circulatory system. Fill in the correct letters in the boxes. [2]



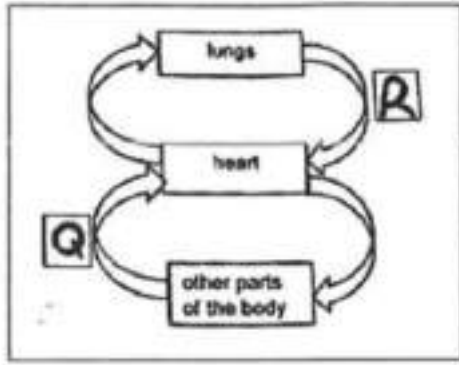
Please type "done" to proceed to the next question

Question Type: Essay
 Date Added: Thu 26th Aug 2021
 Last Modified: N/A
 QID#: 28,829,588

Correctly answered feedback



Incorrectly answered feedback



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

[Remove From Test](#)

Question 40

Primary 5 Science » Primary 5 Science (Term 4)

0 pts

b) Describe the process that happens in the lungs

Question Type: Essay
Date Added: Thu 26th Aug 2021
Last Modified: N/A
QID#: 28,829,593

Correctly answered feedback

Oxygen would enter the blood vessels (in the lungs) while carbon dioxide would leave the blood vessels (in the lungs)

Incorrectly answered feedback

Oxygen would enter the blood vessels (in the lungs) while carbon dioxide would leave the blood vessels (in the lungs)

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

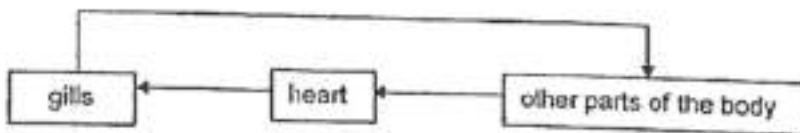
[Remove From Test](#)

Question 41

Primary 5 Science » Primary 5 Science (Term 4)

0 pts

The diagram below shows the circulatory system of a fish.



(c) State a difference between the flow of blood in fish and in human. [1]

Question Type: Essay
Date Added: Thu 26th Aug 2021
Last Modified: N/A
QID#: 28,829,600

Correctly answered feedback

In human, blood flow in double circulation but in fish, blood flush in only single circulation

Incorrectly answered feedback

In human, blood flow in double circulation but in fish, blood flush in only single circulation

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

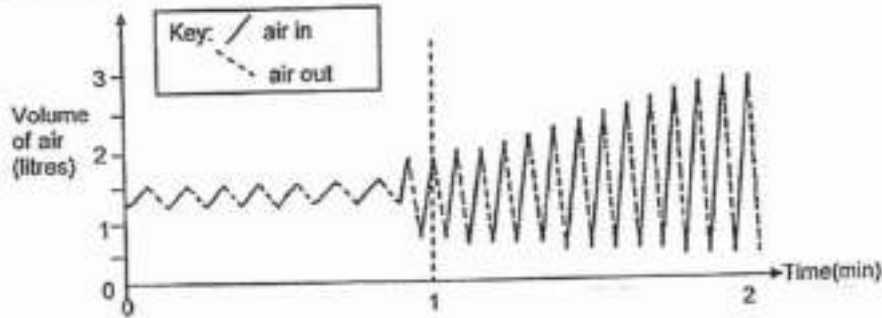
[Remove From Test](#)

Question 42

Primary 5 Science » Primary 5 Science (Term 4)

0 pts

The graph below shows Peter's breathing recorded during a period of two minutes.



(a) What are the two changes in Peter's breathing before and after the first minute? [2]

Question Type: Essay
Date Added: Thu 26th Aug 2021
Last Modified: N/A
QID#: 28,829,646

Correctly answered feedback

- i. His breathing rate increased
- ii. Peter breathed in and breathed out air more rapidly after the first minute

Incorrectly answered feedback

- i. His breathing rate increased
- ii. Peter breathed in and breathed out air more rapidly after the first minute

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

[Remove From Test](#)

Question 43

Primary 5 Science » Primary 5 Science (Term 4)

0 pts

b) Peter started exercising after one minute. Explain why there is a change in his breathing.

Question Type: Essay
Date Added: Thu 26th Aug 2021
Last Modified: N/A
QID#: 28,829,658

Correctly answered feedback

When he exercises, breathing rate increase to take in more oxygen to absorb into the bloodstream so that blood with more oxygen is transported to the muscles to provide more energy

Incorrectly answered feedback

When he exercises, breathing rate increase to take in more oxygen to absorb into the bloodstream so that blood with more oxygen is transported to the muscles to provide more energy

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

[Remove From Test](#)

Question 44

Primary 5 Science » Primary 5 Science (Term 4)

1 pt

The diagram below shows a grape flower.



- (a) Name a part, normally found in other flowers, that is not present in this flower. [1]

Accepted answers:

✓ petals

Question Type: Free Text
Date Added: Thu 26th Aug 2021
Last Modified: N/A
QID#: 28,829,669

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

[Remove From Test](#)

Question 45

Primary 5 Science » Primary 5 Science (Term 4)

0 pts

b) Is this flower pollinated by wind or insects? Give a reason for your choice

Question Type: Essay
Date Added: Thu 26th Aug 2021
Last Modified: N/A
QID#: 28,829,681

Correctly answered feedback

It is pollinated by wind as the anthers are not covered by petals in order for wind to carry the pollen

Incorrectly answered feedback

It is pollinated by wind as the anthers are not covered by petals in order for wind to carry the pollen

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

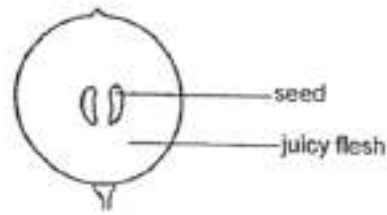
[Remove From Test](#)

Question 46

Primary 5 Science » Primary 5 Science (Term 4)

0 pts

The figure below shows the cross-section of a fruit that develops from the same flower.



(c) Explain how the seed is dispersed.

[1]

Question Type: Essay
Date Added: Thu 26th Aug 2021
Last Modified: N/A
QID#: 28,829,689

Correctly answered feedback

By animals. Animals would eat the juicy flesh and give out the seeds in their waste

Incorrectly answered feedback

By animals. Animals would eat the juicy flesh and give out the seeds in their waste

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

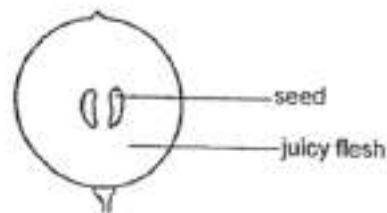
[Remove From Test](#)

Question 47

Primary 5 Science » Primary 5 Science (Term 4)

1 pt

The figure below shows the cross-section of a fruit that develops from the same flower.



(c) Explain how the seed is dispersed.

[1]

- ✓ A) K
- B) L
- ✓ C) M

Question Type: Multiple Response
Randomize Answers: No
Grade style: Full points if all answers are correct
Date Added: Thu 26th Aug 2021
Last Modified: N/A
QID#: 28,829,696

Correctly answered feedback

Bulk K and M

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

[Remove From Test](#)

Question 48

Primary 5 Science » Primary 5 Science (Term 4)

0 pts

b) Which bulb(s) will still light up if bulb L fuses? Explain your answer

Question Type: Essay
Date Added: Thu 26th Aug 2021
Last Modified: N/A
QID#: 28,829,708

Correctly answered feedback

Bulk K and M. There is still a closed circuit for electricity to flow through, so the bulb would still light up

Incorrectly answered feedback

Bulk K and M. There is still a closed circuit for electricity to flow through, so the bulb would still light up

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

[Remove From Test](#)

Question 49

Primary 5 Science » Primary 5 Science (Term 4)

0 pts

Liam conducted an experiment using identical bulbs and batteries. He set up two different circuits, S and T, and recorded his results in the table below.

| Number of bulbs in circuit | Brightness of bulbs in circuit S (units) | Brightness of bulbs in circuit T (units) |
|----------------------------|--|--|
| 2 | 3 | 1.5 |
| 3 | 3 | 1 |

(a) Using three batteries and two bulbs for each circuit, draw a circuit diagram in each of the box below to show how the bulbs in circuits S and T are arranged. [2]

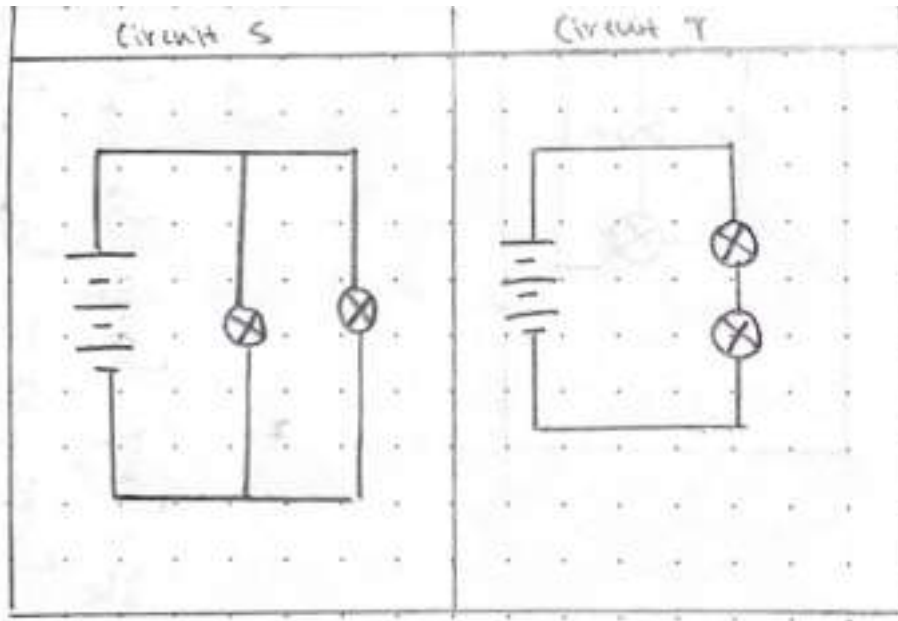
| circuit S | circuit T |
|-----------|-----------|
| | |

Please type "done" to proceed to the next question

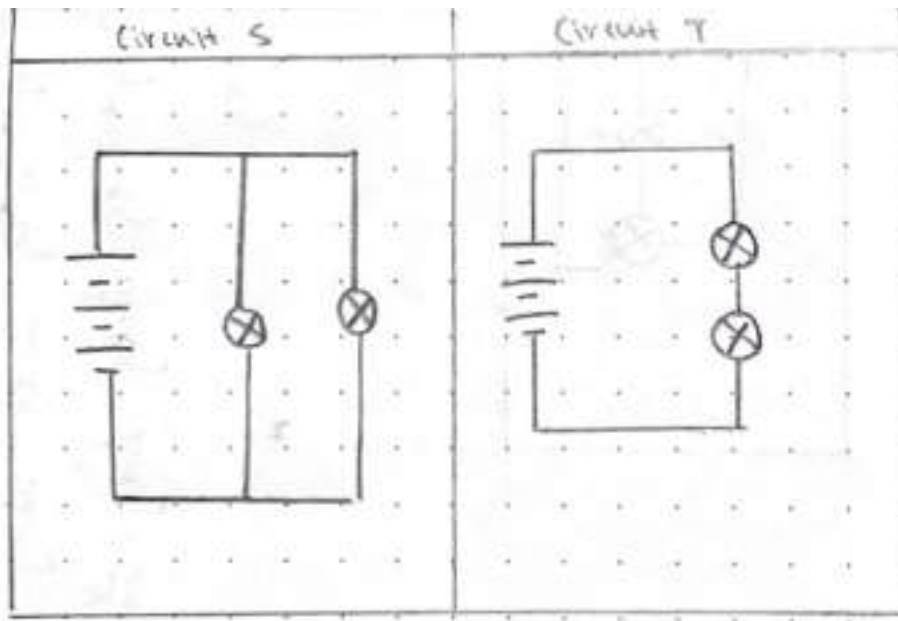
Question Type: Essay
Date Added: Thu 26th Aug 2021

Last Modified: Mon 13th Sep 2021
 QID#: 28,829,725

Correctly answered feedback



Incorrectly answered feedback



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

[Remove From Test](#)

Question 50

Primary 5 Science » Primary 5 Science (Term 4)

0 pts

b) Explain your choice of bulb arrangement for circuit S

Question Type: Essay
Date Added: Thu 26th Aug 2021
Last Modified: N/A
QID#: 28,829,733

Correctly answered feedback

No matter how many bulbs were added to circuit S there was no increase or decrease in the brightness of bulbs which means it was arranged in a parallel circuit

Incorrectly answered feedback

No matter how many bulbs were added to circuit S there was no increase or decrease in the brightness of bulbs which means it was arranged in a parallel circuit

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

[Remove From Test](#)

Question 51

Primary 5 Science » Primary 5 Science (Term 4)

0 pts

c) State an advantage of circuit T compared to circuit

Question Type: Essay
Date Added: Thu 26th Aug 2021
Last Modified: N/A
QID#: 28,829,793

Correctly answered feedback

The batteries in circuit T would last longer

Incorrectly answered feedback

The batteries in circuit T would last longer

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

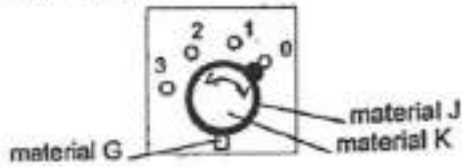
[Remove From Test](#)

Question 52

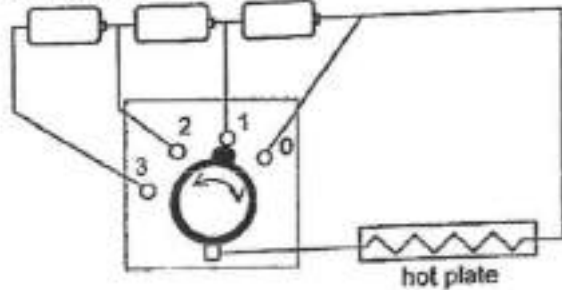
Primary 5 Science » Primary 5 Science (Term 4)

0 pts

The diagram below shows a device that can be turned like a knob. The user will hold material K when turning the knob. Material K and J are joined and will turn together at the same time, while material G is in a fixed position.



A circuit is constructed with the device and a hot plate. The device can be turned to make the hot plate hotter or less hot.



(a) Suggest a property that each material G, J and K must have for it to work in the circuit above and is safe for the user. [2]

Property of material G: _____

Property of material J: _____

Property of material K: _____

Question Type: Essay
 Date Added: Thu 26th Aug 2021
 Last Modified: N/A
 QID#: 28,829,808

Correctly answered feedback

G: Conductor of electricity
 J: Conductor of electricity
 K: Non conductor of electricity

Incorrectly answered feedback

G: Conductor of electricity
 J: Conductor of electricity
 K: Non conductor of electricity

Answers | Edit | Duplicate | Used In | Reorder

Remove From Test

Question 53

Primary 5 Science » Primary 5 Science (Term 4)

0 pts

b) What would happen to the hot plate when the knob is tuned anti-clockwise from position 0 to position 1?

Question Type: Essay
 Date Added: Thu 26th Aug 2021
 Last Modified: N/A
 QID#: 28,829,812

Correctly answered feedback

There would be a closed circuit for electricity to pass through the hot plate would heat up and become hot

Incorrectly answered feedback

There would be a closed circuit for electricity to pass through the hot plate would heat up and become hot

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

[Remove From Test](#)

Question 54

Primary 5 Science » Primary 5 Science (Term 4)

0 pts

c) What would happen to the hot plate if the knob is turned to position 2 instead of position 1? Explain your answer

Question Type: Essay
Date Added: Thu 26th Aug 2021
Last Modified: N/A
QID#: 28,829,822

Correctly answered feedback

The hot plate would become hotter as there would be more electric current flowing through the circuit so the hot plate would become hotter

Incorrectly answered feedback

The hot plate would become hotter as there would be more electric current flowing through the circuit so the hot plate would become hotter

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

[Remove From Test](#)

Question 55

Primary 5 Science » Primary 5 Science (Term 4)

0 pts

Kayla used three similar towels, A, B and C, 30g in mass, to investigate the rate of evaporation of water at different wind speeds.



The conditions and the time taken for water to evaporate were recorded in the table below.

| Towel | Temperature of water (°C) | Presence of wind | Time taken for the towel to dry completely (minutes) |
|-------|---------------------------|------------------|--|
| A | 28 | No wind | 50 |
| B | 28 | Windy | 35 |
| C | 28 | Very windy | 20 |

(a) Suggest how Kayla can know that the towels are completely dry. [1]

Question Type: Essay

Date Added: Thu 26th Aug 2021
 Last Modified: N/A
 QID#: 28,829,826

Correctly answered feedback

Kayla could weigh the towel after the towel dried up to see if it is the mass before it was wet

Incorrectly answered feedback

Kayla could weigh the towel after the towel dried up to see if it is the mass before it was wet

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

[Remove From Test](#)

Question 56

Primary 5 Science » Primary 5 Science (Term 4)

0 pts

A wet towel is often placed on the forehead when a person runs a fever.



(b) Explain how placing a wet towel helps a person to cool down. [2]

Question Type: Essay
 Date Added: Thu 26th Aug 2021
 Last Modified: N/A
 QID#: 28,829,830

Correctly answered feedback

The wet towel has a lower temperature than one's forehead so one's forehead would lose heat to the wet towel and cool down the body

Incorrectly answered feedback

The wet towel has a lower temperature than one's forehead so one's forehead would lose heat to the wet towel and cool down the body

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

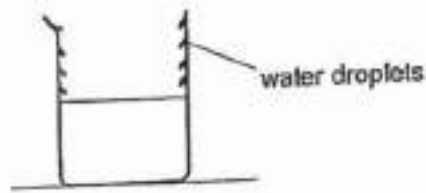
[Remove From Test](#)

Question 57

Primary 5 Science » Primary 5 Science (Term 4)

0 pts

The figure below shows a beaker of water.



- (a) Based on the observation of water droplets, does the beaker contain hot or cold water? Explain your choice. [2]

Question Type: Essay
Date Added: Thu 26th Aug 2021
Last Modified: N/A
QID#: 28,829,843

Correctly answered feedback

Hot water. The hot water gain heat and evaporated to form water vapour. The water vapour touches the cooler inner surface of the beakers lose hear and condensed to form water droplets

Incorrectly answered feedback

Hot water. The hot water gain heat and evaporated to form water vapour. The water vapour touches the cooler inner surface of the beakers lose hear and condensed to form water droplets

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

[Remove From Test](#)

Question 58

Primary 5 Science » Primary 5 Science (Term 4)

0 pts

- b) After two hours, the water droplets on the beaker disappeared. Explain what happened .

Question Type: Essay
Date Added: Thu 26th Aug 2021
Last Modified: N/A
QID#: 28,829,847

Correctly answered feedback

The water droplets gain heat and evaporated

Incorrectly answered feedback

The water droplets gain heat and evaporated

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

[Remove From Test](#)

Question 59

Primary 5 Science » Primary 5 Science (Term 4)

0 pts

- a) State the properties of matter

Question Type: Essay
Date Added: Thu 26th Aug 2021
Last Modified: N/A
QID#: 28,829,852

Correctly answered feedback

Matter has mass and occupies space

Incorrectly answered feedback

Matter has mass and occupies space

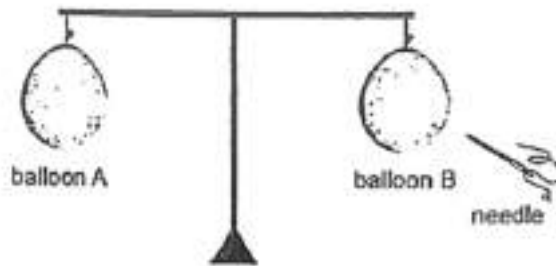
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[Remove From Test](#)**Question 60**

Primary 5 Science » Primary 5 Science (Term 4)

0 pts

- (b) The set-up below shows two balloons hanging horizontally on a balance.



Lany used a needle to poke balloon B.

- (i) What would happen to the balance after balloon B is poked. [1]

Question Type: Essay

Date Added: Thu 26th Aug 2021

Last Modified: N/A

QID#: 28,829,860

Correctly answered feedback

The balance would tilt downwards, towards balloon A

Incorrectly answered feedback

The balance would tilt downwards, towards balloon A

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[Remove From Test](#)**Question 61**

Primary 5 Science » Primary 5 Science (Term 4)

0 pts

- ii. What does the observation in b(i) show about the property of air?

Question Type: Essay

Date Added: Thu 26th Aug 2021

Last Modified: N/A

QID#: 28,829,863

Correctly answered feedback

Air has mass

Incorrectly answered feedback

Air has mass

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