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Primary 3 - Term 4 (SA2) Science (School RS)

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44 Questions (47 Points)

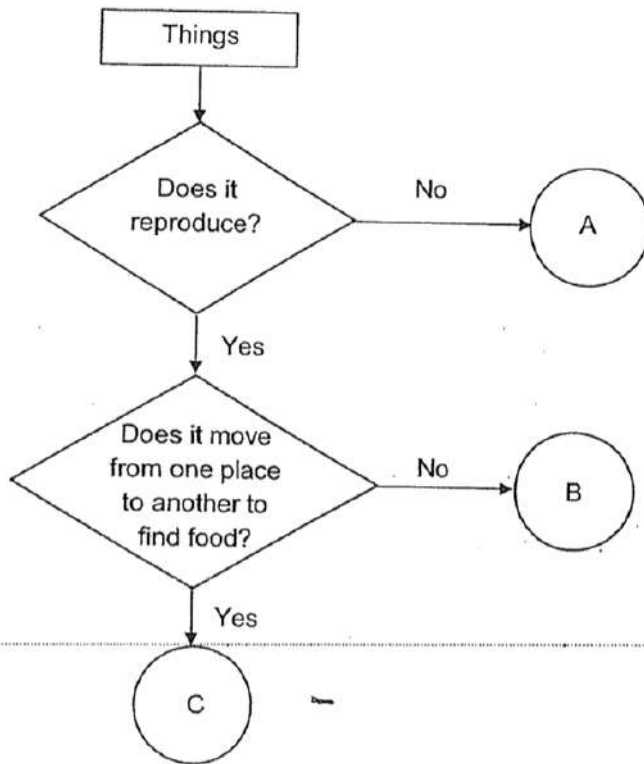
Question Bank: 19,439 Questions 

Test Questions **1 Test Assignment**

Question 1

Primary 3 Science » Primary 3 Science (Term 4) 2 pts

The flow chart shows how things are classified.



Based on the information above, which of the following best represents a plant, a coin and a monkey?

	Plant	Coin	Monkey
(1)	A	B	C
(2)	B	A	C
(3)	B	C	A
(4)	C	B	A

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

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Mon 3rd Aug 2020
Last Modified: Tue 4th Aug 2020
QID#: 22,807,856

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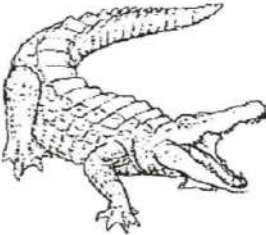
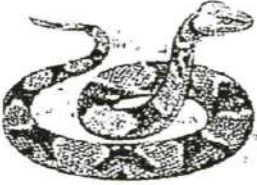
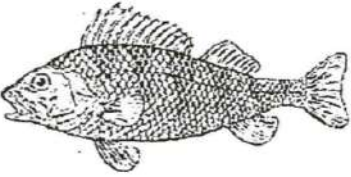
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Question 2

Primary 3 Science » Primary 3 Science (Term 4)

2 pts

The animals below are grouped according to one common characteristic.

 <p style="text-align: center;">hair</p> <p style="text-align: center;">Animal W</p>	 <p style="text-align: center;">scales</p> <p style="text-align: center;">Animal X</p>
 <p style="text-align: center;">scales</p> <p style="text-align: center;">Animal Y</p>	 <p style="text-align: center;">scales</p> <p style="text-align: center;">Animal Z</p>

Based on your observations, which one of the following animals does not belong to the group based on their outer body covering?

- ✓ A) W
- B) X
- C) Y
- D) Z

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 4th Aug 2020
Last Modified: Tue 4th Aug 2020
QID#: 22,824,395

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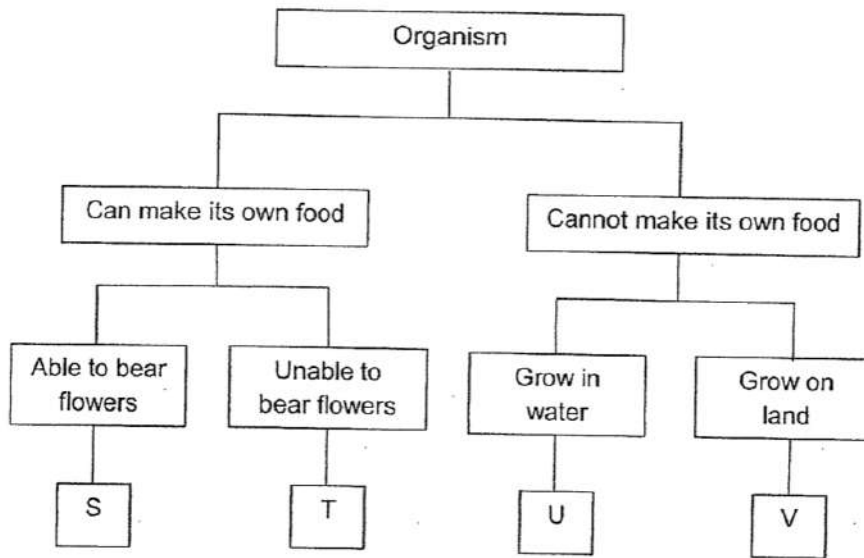
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Question 3

Primary 3 Science » Primary 3 Science (Term 4)

2 pts

The classification chart shows how some organisms are classified.



Which one of the following correctly represents bread mould and fern?

	Bread mould	Fern
(1)	S	V
(2)	T	V
(3)	V	S
(4)	V	T

- A) 1
 B) 2
 C) 3
 ✓ D) 4

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Mon 3rd Aug 2020
Last Modified: Tue 4th Aug 2020
QID#: 22,807,865

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Question 4

Primary 3 Science » Primary 3 Science (Term 4)

2 pts

Which of the following human system is incorrectly matched to its function?

	System	Function
(1)	Circulatory -	Transports waste materials away from the different parts of the body.
(2)	Digestive	Transports digested food to all parts of the body.
(3)	Respiratory	Helps the body to take in and remove air.
(4)	Skeletal	Supports our body and gives it a shape.

- A) 1
✓ B) 2
C) 3
D) 4

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Mon 3rd Aug 2020
Last Modified: N/A
QID#: 22,807,872

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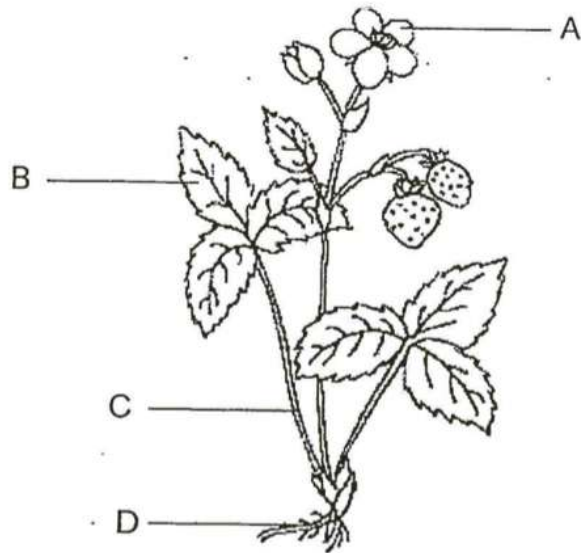
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Question 5

Primary 3 Science » Primary 3 Science (Term 4)

2 pts

The diagram below shows a plant.



Which one of the following about the plant parts is correct?

	Absorbs water	Makes food
(1)	C	A
(2)	C	B
(3)	D	A
(4)	D	B

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

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Mon 3rd Aug 2020
Last Modified: Tue 4th Aug 2020
QID#: 22,807,929

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Question 6

Primary 3 Science » Primary 3 Science (Term 4)

2 pts

Which of the following statements describe the function(s) of the stem?

- X: Supports the plant.
 Y: Holds the plant firmly to the soil.
 Z: Transports water and mineral salts:

- A) X only

- ✓ B) X and Z only
 C) Y and Z only
 D) X, Y and Z

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Mon 3rd Aug 2020
Last Modified: N/A
QID#: 22,807,935

Answers | Edit | Duplicate | Used In | Reorder

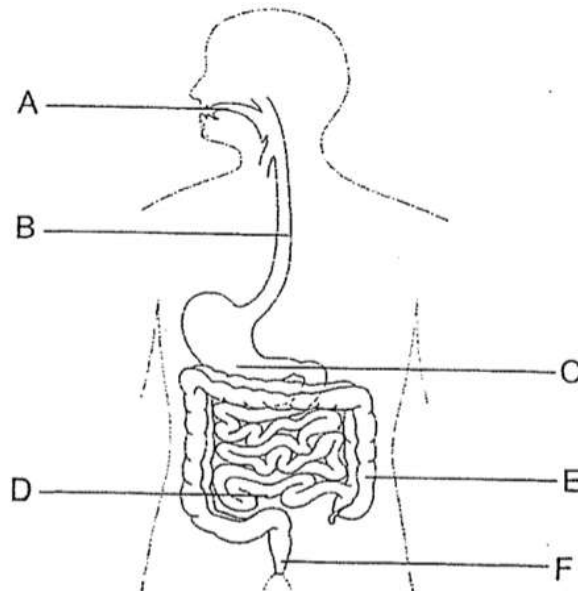
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Question 7

Primary 3 Science » Primary 3 Science (Term 4)

2 pts

Study the human body system below.



Which of the following is correct?

	Parts where digestive juice is added	Part where solid waste is passed out of the body
(1)	A, B and C	E
(2)	B, C and D	E
(3)	A, B and D	F
(4)	A, C and D	F

- A) 1
 B) 2
 C) 3
 ✓ D) 4

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 4th Aug 2020
Last Modified: N/A
QID#: 22,824,428

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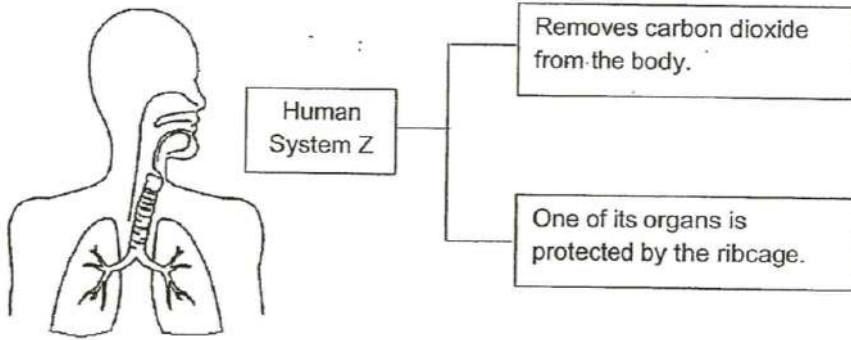
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Question 8

Primary 3 Science » Primary 3 Science (Term 4)

2 pts

Study the information below carefully.



Which one of the following is also a function of human system Z?

- A) It gives the body a shape.
- ✓ B) It takes in oxygen into the body.
- C) It removes undigested food from the body.
- D) (1) It transports water to all parts of the body.

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Mon 3rd Aug 2020
Last Modified: Tue 4th Aug 2020
QID#: 22,807,944

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Question 9

Primary 3 Science » Primary 3 Science (Term 4)

2 pts

Plants P and Q are shown below. It was observed that plant P died after some time but plant Q continued to grow.



Plant P



Plant Q

What could be the reason why plant P died after some time?

- A) It does not have flowers to make food.
- B) It does not have flowers to reach for sunlight.
- ✓ C) It does not have roots to absorb water from the soil.
- D) It does not have roots to absorb

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Mon 3rd Aug 2020
Last Modified: N/A
QID#: 22,807,952

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Question 10

Primary 3 Science » Primary 3 Science (Term 4)

2 pts

John was given two rulers made of different materials. He wanted to compare which was more flexible. Which of the following should he do?

- ✓ A) Bend both ruler
- B) Put both rulers into water
- C) Shine a torchlight at both rulers
- D) Weigh both rulers with a weighing scale

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Mon 3rd Aug 2020
Last Modified: N/A
QID#: 22,807,961

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Question 11

Primary 3 Science » Primary 3 Science (Term 4)

2 pts

Devi wanted to find out the amount of light that can pass through four identical sheets made of different materials, P, Q, R and S. She shone light through the materials and recorded the results in the table below.

Material	Amount of light that passed through (units)
P	5
Q	8
R	2
S	0

Based on the results from the table, Devi made the following statements .

- A: Material S allows no light to pass through.
- B: Material Q allows the least amount of light to pass through.
- C: Material Q allows more light to pass through than Material R
- D: Material R allows more light to pass through than Material S

Based on the information given, which of the statements are true?

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

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Mon 3rd Aug 2020
Last Modified: N/A
QID#: 22,807,973

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Question 12

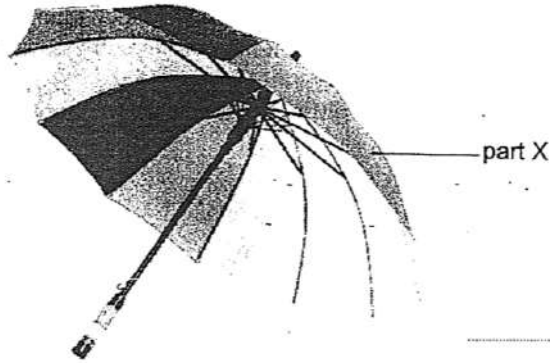
Primary 3 Science » Primary 3 Science (Term 4)

2 pts

The table below shows the properties of four materials, A, B, C and D. A tick (✓) indicates that the material has that property.

Properties	Materials			
	A	B	C	D
Strong	✓	✓	✓	
Waterproof		✓	✓	✓
Ability to float in water	✓			✓
Allows light to pass through	✓	✓		

Based on the table above, which of the materials is most suitable for making part X of an umbrella for use on both sunny and rainy days?



- A) Material A
- B) Material B
- ✓ C) Material C
- D) Material D

Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Tue 4th Aug 2020
 Last Modified: N/A
 QID#: 22,824,457

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Question 13

Primary 3 Science » Primary 3 Science (Term 4)

2 pts

Four students, Amy, Bala, Caixia and Danish, made the following statements about magnets during their lessons.

Amy: Like poles repel, unlike poles attract.

Bala: Like poles attract, unlike poles repel.

Caixia: The magnetic strength of a magnet is greatest at its poles.

Danish: A magnet always comes to rest in the East-West direction when freely suspended.

Which of the student(s) is/are correct?

- A) Amy only
- B) Bala only
- ✓ C) Amy and Caixia only
- D) Amy, Caixia and Danish only

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Mon 3rd Aug 2020
Last Modified: N/A
QID#: 22,807,989

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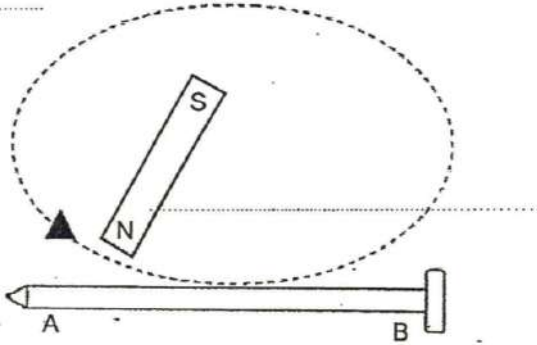
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Question 14

Primary 3 Science » Primary 3 Science (Term 4)

2 pts

Raju used a bar magnet to stroke a steel nail in the same direction repeatedly as shown below. As a result, the steel nail became a temporary magnet.



Identify pole A and B of the temporary magnet.

	Pole A	Pole B
(1)	south	south
(2)	south	north
(3)	north	north
(4)	north	south

- A) 1
 B) 2
 C) 3
 ✓ D) 4

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 4th Aug 2020
Last Modified: N/A
QID#: 22,824,459

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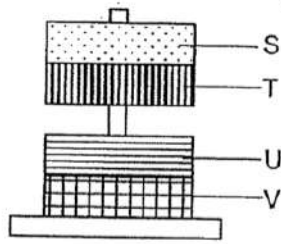
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Question 15

Primary 3 Science » Primary 3 Science (Term 4)

2 pts

Trina stacked four rings as shown below. Two of the rings are magnets while the other two are made of magnetic materials.



Which of the two rings, S, T, U and V, are magnets?

- A) S and T
- B) U and V
- C) S and V
- ✓ D) T and U

Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Tue 4th Aug 2020
 Last Modified: N/A
 QID#: 22,824,472

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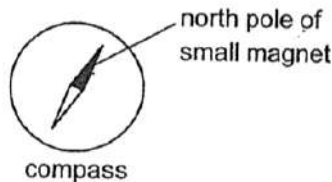
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Question 16

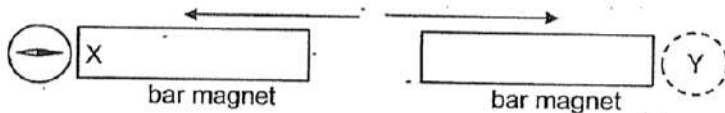
Primary 3 Science » Primary 3 Science (Term 4)

2 pts

A compass has a small magnet that can rotate freely as shown.



Two bar magnets were arranged such that they were repelling each other. A compass was then placed near pole X of one of the bar magnets. The direction of the compass needle is as shown below.



What would be the direction of the needle when the compass was placed at position Y?

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

- A) 1
- B) 2



C) 3

D) 4

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 4th Aug 2020
Last Modified: N/A
QID#: 22,824,476

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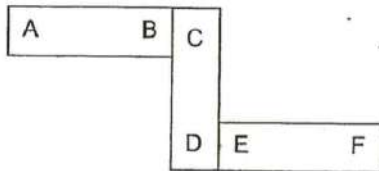
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Question 17

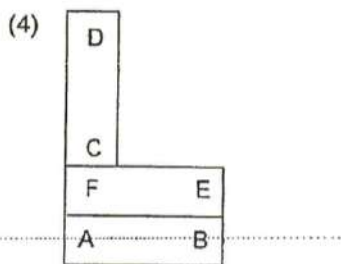
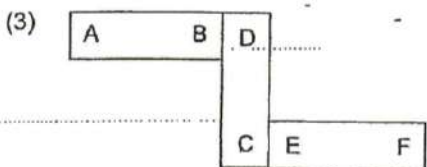
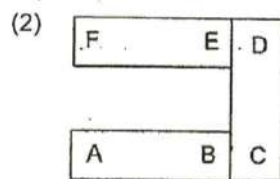
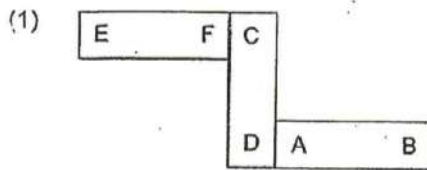
Primary 3 Science » Primary 3 Science (Term 4)

2 pts

Three bar magnets, AB, CD and EF, are arranged as shown below.



When the bar magnets are rearranged, which one of the following arrangements of the magnets is not possible?



A) 1

B) 2

C) 3

D) 4

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 4th Aug 2020
Last Modified: N/A
QID#: 22,824,480

Question 18

Primary 3 Science » Primary 3 Science (Term 4)

2 pts

Ken tried to magnetise three identical rods A, B and C, using the electrical method. He used a different number of batteries in the set-up for each rod. He used the three rods to attract iron pins and recorded his results in the table as shown below.

Number of coils of wire around the rod	Number of iron pins attracted		
	Rod A	Rod B	Rod C
10	2	9	6
20	3	12	8
40	4	14	11

Which of the following statements is correct?

- A) The set-up for rod A has the most number of batteries.
- ✓ B) The set-up for rod 8 has the most number of batteries.
- C) The set-up for rod B has less batteries than the set-up for rod C.
- D) The set-up for rod A has more batteries than the set-up for rod C.

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Mon 3rd Aug 2020
Last Modified: N/A
QID#: 22,807,996

Question 19

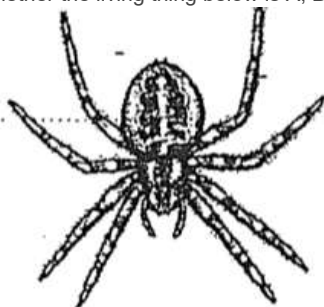
Primary 3 Science » Primary 3 Science (Term 4)

1 pt

Ali observed three living things, A, B and C, in the school garden and recorded their characteristics in the table below. A tick (✓) indicates that the living thing has that characteristic.

Characteristics	Living things		
	A	B	C
Reproduces by spores		✓	
Needs air to survive	✓	✓	✓
Needs sunlight to make food	✓		

Choose whether the living thing below is A, B or C



- A) A
- B) B
- ✓ C) C

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 4th Aug 2020
Last Modified: N/A
QID#: 22,824,529

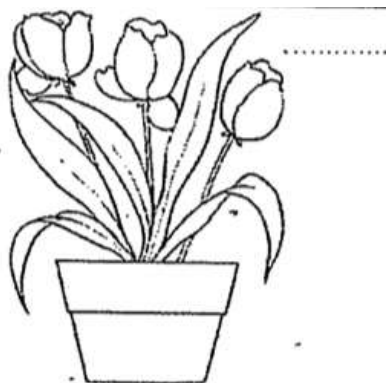
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Question 20

Primary 3 Science » Primary 3 Science (Term 4)

1 pt



- ✓ A) A
- B) B
- C) C

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 4th Aug 2020
Last Modified: N/A
QID#: 22,824,533

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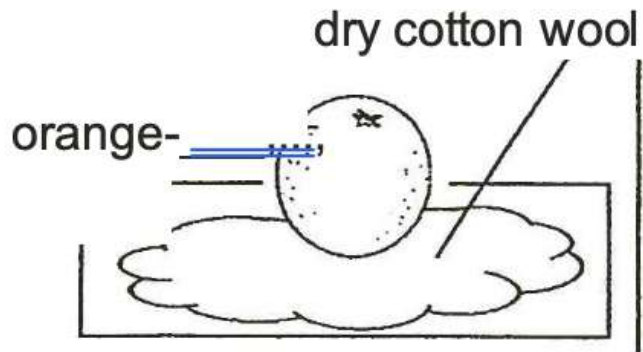
Question 21

Primary 3 Science » Primary 3 Science (Term 4)

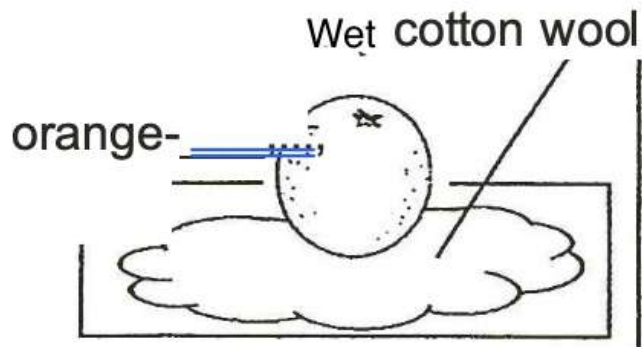
1 pt

Melody placed two similar oranges in two identical containers, X and Y. She placed the containers in the same room.

container X



container Y



In which container, X or Y, would mould first grow on the orange?

- A) X
- ✓ B) Y

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Mon 3rd Aug 2020
Last Modified: N/A
QID#: 22,808,016

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

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Question 22

Primary 3 Science » Primary 3 Science (Term 4)

0 pts

Explain your answer. (1m)

Question Type: Essay
Date Added: Mon 3rd Aug 2020
Last Modified: N/A
QID#: 22,808,020

Correctly answered feedback

Mould needs water to continue growing therefore it grows in damp places

Incorrectly answered feedback

Mould needs water to continue growing therefore it grows in damp places

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

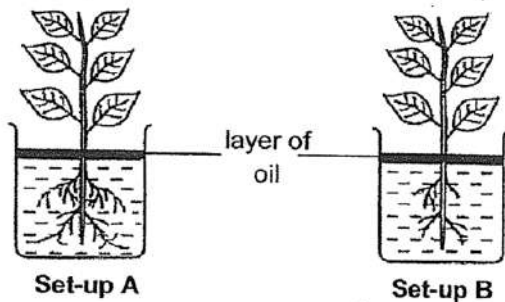
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Question 23

Primary 3 Science » Primary 3 Science (Term 4)

0 pts

Siti set up the following experiment to find out if the number of roots affect the amount of water absorbed by a plant. She recorded the amount of water left in the beaker over five days in a table shown below.



	Amount of water left in the beaker (ml)		
	Day 1	Day 3	Day 5
Set-up A	400	330	240
Set-up B	400	380	365

Compare the amount of water left in set-up A and B on day 5. (1m)

Question Type: Essay
Date Added: Mon 3rd Aug 2020
Last Modified: Tue 4th Aug 2020
QID#: 22,808,027

Correctly answered feedback

The amount of water left in set-up A was 125ml lesser than set-up B on day 5.

Incorrectly answered feedback

The amount of water left in set-up A was 125ml lesser than set-up B on day 5.

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Question 24

Primary 3 Science » Primary 3 Science (Term 4)

0 pts

What can Siti conclude from the experiment on day 5? (1m)

Question Type: Essay
Date Added: Mon 3rd Aug 2020
Last Modified: N/A
QID#: 22,808,031

Correctly answered feedback

She can conclude that plants that have more roots can absorb more water.

Incorrectly answered feedback

She can conclude that plants that have more roots can absorb more water.

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Question 25

Primary 3 Science » Primary 3 Science (Term 4)

0 pts

Based on the experiment, tick the variable(s) that must be kept the same to conduct a fair test. (1m)

- A) Location to place set-up A and B.
- B) Water left in the beaker at the end of the experiment.
- C) Type of plant used

Question Type: Multiple Response
Randomize Answers: No
Grade style: Full points if all answers are correct
Date Added: Mon 3rd Aug 2020
Last Modified: N/A
QID#: 22,808,034

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

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Question 26

Primary 3 Science » Primary 3 Science (Term 4)

0.5 pts

Read the statements about the human digestive system carefully. Choose true or false for each statement. (2m)

Digestion starts in the stomach.

- A) True
- B) False

Question Type: True False
Date Added: Mon 3rd Aug 2020
Last Modified: N/A
QID#: 22,808,040

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Question 27

Primary 3 Science » Primary 3 Science (Term 4)

0.5 pts

Digestion does not take place in the large intestine.

- A) True
- B) False

Question Type: True False
Date Added: Mon 3rd Aug 2020
Last Modified: N/A
QID#: 22,808,041

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

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Question 28

Primary 3 Science » Primary 3 Science (Term 4)

0.5 pts

Saliva makes the food soft so that it is easy to swallow.

- ✓ A) True
B) False

Question Type: True False
Date Added: Mon 3rd Aug 2020
Last Modified: N/A
QID#: 22,808,042

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

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Question 29

Primary 3 Science » Primary 3 Science (Term 4)

0.5 pts

Digested food is passed through the walls of the large intestine into the blood and is carried to all parts of the body.

- A) True
✓ B) False

Question Type: True False
Date Added: Mon 3rd Aug 2020
Last Modified: N/A
QID#: 22,808,044

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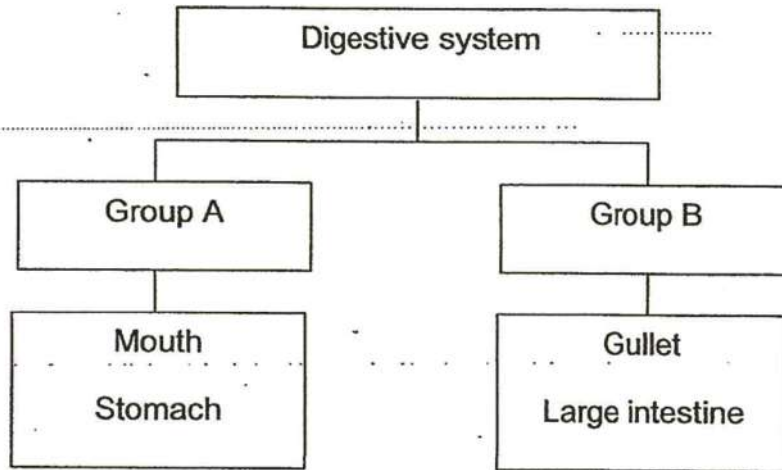
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Question 30

Primary 3 Science » Primary 3 Science (Term 4)

0.5 pts

Ahmad classified the parts of the human digestive system as shown below.



Provide a suitable heading for group A and B. (1m)

Group A: _____

Accepted answers:

✓ Digestion takes place

Question Type: Free Text
Date Added: Mon 3rd Aug 2020
Last Modified: Tue 4th Aug 2020
QID#: 22,808,060

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

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Question 31

Primary 3 Science » Primary 3 Science (Term 4)

0.5 pts

Group B: _____

Accepted answers:

✓ Digestion does not take place

Question Type: Free Text
Date Added: Mon 3rd Aug 2020
Last Modified: N/A
QID#: 22,808,068

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

[Remove From Test](#)

Question 32

Primary 3 Science » Primary 3 Science (Term 4)

2 pts

Select only the correct parts from the list below and match them to the correct human system. (2m)

Clue

Match

Circulatory System

blood vessels

Circulatory System

heart

Respiratory System windpipe

Respiratory System lungs

Question Type: Matching

Grade style: Full points if all answers are correct

Shuffle Mode: Shuffle Matches Only

Date Added: Mon 3rd Aug 2020

Last Modified: N/A

QID#: 22,808,415

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

Primary 3 Science » Primary 3 Science (Term 4)

0 pts

Xiao Ming made three similar bags, A, B and C, using different materials. The table below shows some of the properties of the bags. A tick (✓) indicates that the bag has that property.

Properties of the material of the bag	Bags		
	A	B	C
It is strong.	✓		✓
It is flexible.	✓	✓	✓
It is waterproof.			✓
It sinks in water.	✓	✓	

(a)(i) Xiao Ming needs to carry heavy books to school. Based on the table, which bag, A, B or C, is the least suitable? Explain the answer. (1m)

Question Type: Essay

Date Added: Tue 4th Aug 2020

Last Modified: N/A

QID#: 22,824,580

Correctly answered feedback**Bag B, as it is not strong to carry the heavy boots.****Incorrectly answered feedback****Bag B, as it is not strong to carry the heavy boots.**
[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)
[Remove From Test](#)**Question 34**

Primary 3 Science » Primary 3 Science (Term 4)

0 pts

(a)(ii) Based on the table, how is the material for bag A similar to the material for bag C? (1m)

Question Type: Essay
 Date Added: Tue 4th Aug 2020
 Last Modified: N/A
 QID#: 22,824,588

Correctly answered feedback

Both bags A and C are strong and flexible.

Incorrectly answered feedback

Both bags A and C are strong and flexible.

Answers | Edit | Duplicate | Used In | Reorder

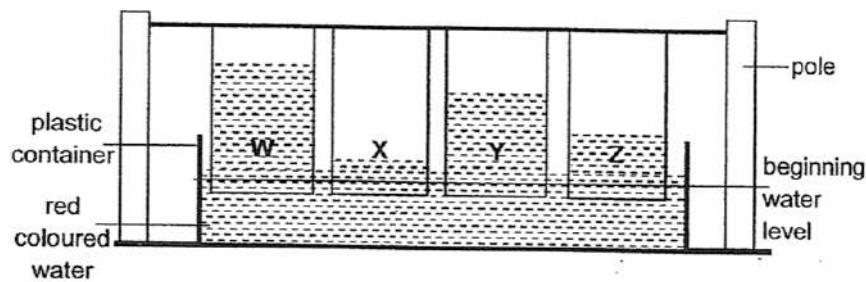
Remove From Test

Question 35

Primary 3 Science » Primary 3 Science (Term 4)

1 pt

Mary conducted an experiment to find out which material, W, X, Y or Z, is most suitable to be made into a bath towel. The materials used in the experiment were of the same shape, size and thickness.



After ten minutes, the red-coloured water had travelled up each material as shown in the diagram.

(b)(i) Which material, W, X, Y or Z, is most suitable for Mary to make into a bath towel? (1m)

- ✓ A) W
- B) X
- C) Y
- D) Z

Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Tue 4th Aug 2020
 Last Modified: N/A
 QID#: 22,824,556

Answers | Edit | Duplicate | Used In | Reorder

Remove From Test

Question 36

Primary 3 Science » Primary 3 Science (Term 4)

0 pts

(b)(ii) Explain your answer for part (b)(i). (1m)

Question Type: Essay
 Date Added: Tue 4th Aug 2020
 Last Modified: N/A
 QID#: 22,824,568

Correctly answered feedback

Material W, as it absorbs the most water and the purpose of the towel is to absorb water on your body.

Incorrectly answered feedback

Material W, as it absorbs the most water and the purpose of the towel is to absorb water on your body.

Answers | Edit | Duplicate | Used In | Reorder

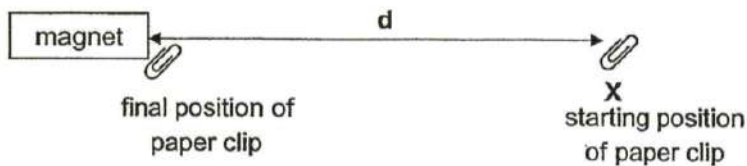
Remove From Test

Question 37

Primary 3 Science » Primary 3 Science (Term 4)

1 pt

Danny had four magnets, A, B, C and D, of the same size and shape. He placed a paper clip at point X. He kept moving each magnet towards the paper clip until the paper clip was attracted to the magnet. He measured the distance (d) at which the magnet was able to attract the paper clip.



He recorded his results in the table shown below.

Magnet	Distance (d) in cm
A	8
B	2
C	12
D	4

Give an example of a material that can be used to make the paper clip for the experiment to work. (1m).

Accepted answers:

- ✓ Steel paper clips
- ✓ Steel
- ✓ Steel paper clip

Question Type: Free Text
Date Added: Mon 3rd Aug 2020
Last Modified: Tue 4th Aug 2020
QID#: 22,808,465

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

[Remove From Test](#)

Question 38

Primary 3 Science » Primary 3 Science (Term 4)

1 pt

Based on the information given, arrange the magnets in order of their magnetic strength, from the least to the most magnetic strength. (1m)

Accepted answers:

- ✓ B, D, A, C
- ✓ B, D, A, C
- ✓ B D A C

Question Type: Free Text
Date Added: Mon 3rd Aug 2020
Last Modified: N/A
QID#: 22,808,615

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

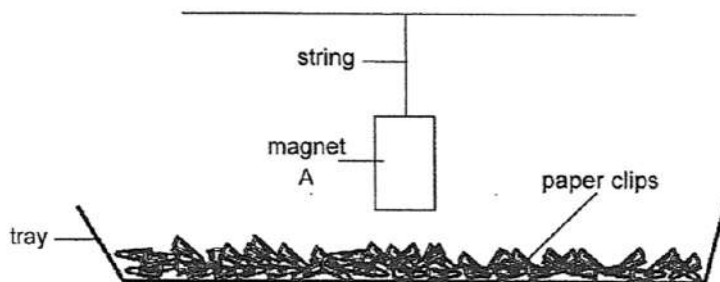
[Remove From Test](#)

Question 39

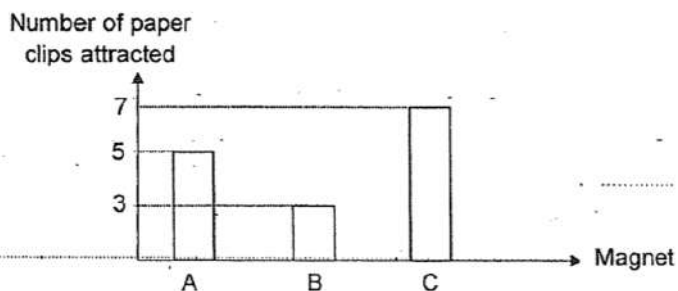
Primary 3 Science » Primary 3 Science (Term 4)

0 pts

An experiment was conducted using the set-up shown to find out which magnet has the greatest magnetic strength. The experiment was repeated with magnets B and C.



The results of the experiment are shown below.



- (a) What can be concluded about the magnetic strength of magnet C from this experiment? (1m)

Question Type: Essay
 Date Added: Tue 4th Aug 2020
 Last Modified: N/A
 QID#: 22,824,632

Correctly answered feedback

Magnet C has the most magnetic strength.

Incorrectly answered feedback

Magnet C has the most magnetic strength.

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

[Remove From Test](#)

Question 40

Primary 3 Science » Primary 3 Science (Term 4)

0 pts

- (b) Will the experiment work if the paper clips were replaced with copper pins? Explain. (1m)

Question Type: Essay
 Date Added: Tue 4th Aug 2020
 Last Modified: N/A
 QID#: 22,824,636

Correctly answered feedback

No, copper pins are not magnetic material and it did not get attracted.

Incorrectly answered feedback

No, copper pins are not magnetic material and it did not get attracted.

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

[Remove From Test](#)

Question 41

Primary 3 Science » Primary 3 Science (Term 4)

0 pts

- (c) Based on the diagram, how can the length of the string be changed so that magnet A can attract more paper clips? (Do not cut the string) (1m)

Question Type: Essay
 Date Added: Tue 4th Aug 2020

Last Modified: N/A
QID#: 22,824,644

Correctly answered feedback

The length of the string can be changed by adding more strings so that Magnet A will be nearer to the paper clips.

Incorrectly answered feedback

The length of the string can be changed by adding more strings so that Magnet A will be nearer to the paper clips.

Answers | Edit | Duplicate | Used In | Reorder

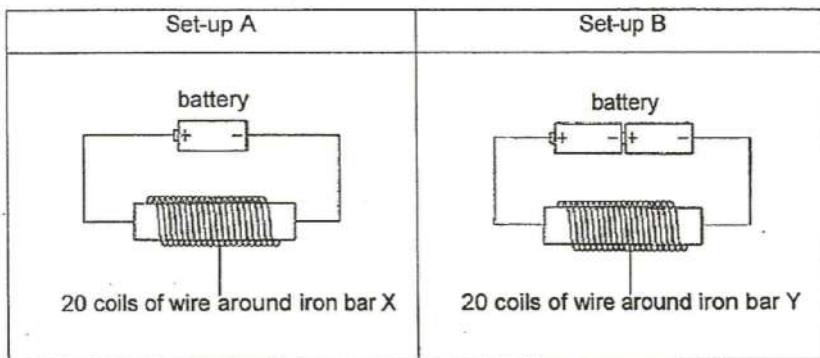
Remove From Test

Question 42

Primary 3 Science » Primary 3 Science (Term 4)

0 pts

Ramli set up the experiment as shown below.



He lowered the iron bars, X and Y, into a tray of steel pins and counted the number of steel pins attracted by each bar. The table below shows the results.

Iron bar	Number of steel pins attracted
X	4
Y	9

- (a) Based on the information given, state the relationship between the number of batteries used and the magnetic strength of the electromagnet. (1m)

Question Type: Essay
Date Added: Tue 4th Aug 2020
Last Modified: N/A
QID#: 22,824,668

Correctly answered feedback

As the number of paper clips increases, the magnetic strength of the magnet increases.

Incorrectly answered feedback

As the number of paper clips increases, the magnetic strength of the magnet increases.

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

[Remove From Test](#)

Question 43

Primary 3 Science » Primary 3 Science (Term 4)

0 pts

- (b) Without changing the number of batteries, what can be done to the parts in set-up A to enable iron bar X to pick up more steel pins? (1m)

Question Type: Essay
Date Added: Tue 4th Aug 2020
Last Modified: N/A
QID#: 22,824,674

Correctly answered feedback

Add the number of coils of wire around or increase the thickness of the iron bar.

Incorrectly answered feedback

Add the number of coils of wire around or increase the thickness of the iron bar.

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

[Remove From Test](#)

Question 44

Primary 3 Science » Primary 3 Science (Term 4)

0 pts

- (c) What will happen to both iron bars X and Y when the batteries are removed in set-ups A and B? (1m)

Question Type: Essay
Date Added: Tue 4th Aug 2020
Last Modified: N/A
QID#: 22,824,680

Correctly answered feedback

Both iron bars will lose its magnetism.

Incorrectly answered feedback

Both iron bars will lose its magnetism.

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

[Remove From Test](#)