

Primary 3 - Term 4 (SA2) Science (Catholic High) ✓

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Test Introduction

[+ Add Introduction](#)**44 Questions** (58 Points)Question Bank: 19,439 Questions [Test Questions](#)[1 Test Assignment](#)

Question 1

[Primary 3 Science](#) » [Primary 3 Science \(Term 4\)](#)

2 pts

SECTION A (24 x 2 marks)**For each question from 1 to 24, four options are given. One of them is the correct answer.**

Which one of the following is a characteristic of all living things?

- A) They feed on plants.
- B) They need sunlight to grow.
- ✓ C) They can grow from young to adult.
- D) They reproduce by giving birth to young.

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 30th Jun 2020
Last Modified: N/A
QID#: 22,101,134

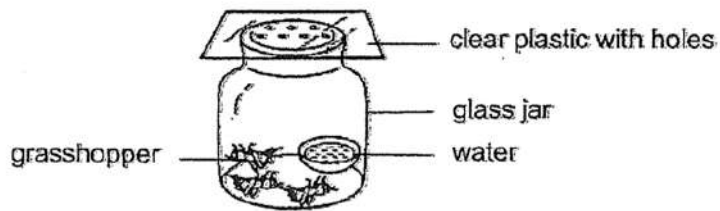
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Question 2

[Primary 3 Science](#) » [Primary 3 Science \(Term 4\)](#)

2 pts

May put three grasshoppers and a dish of water in a glass jar. She used a sheet of clear plastic with some tiny holes to cover the jar as shown below. After a week, all the grasshoppers died.



What could May have done so that the grasshoppers would stay alive?

- ✓ A) Put some grass into the jar.
- B) Take out two grasshoppers.
- C) Place the jar in an open field.
- D) Put some moist soil into the jar.

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 30th Jun 2020
Last Modified: N/A
QID#: 22,101,146

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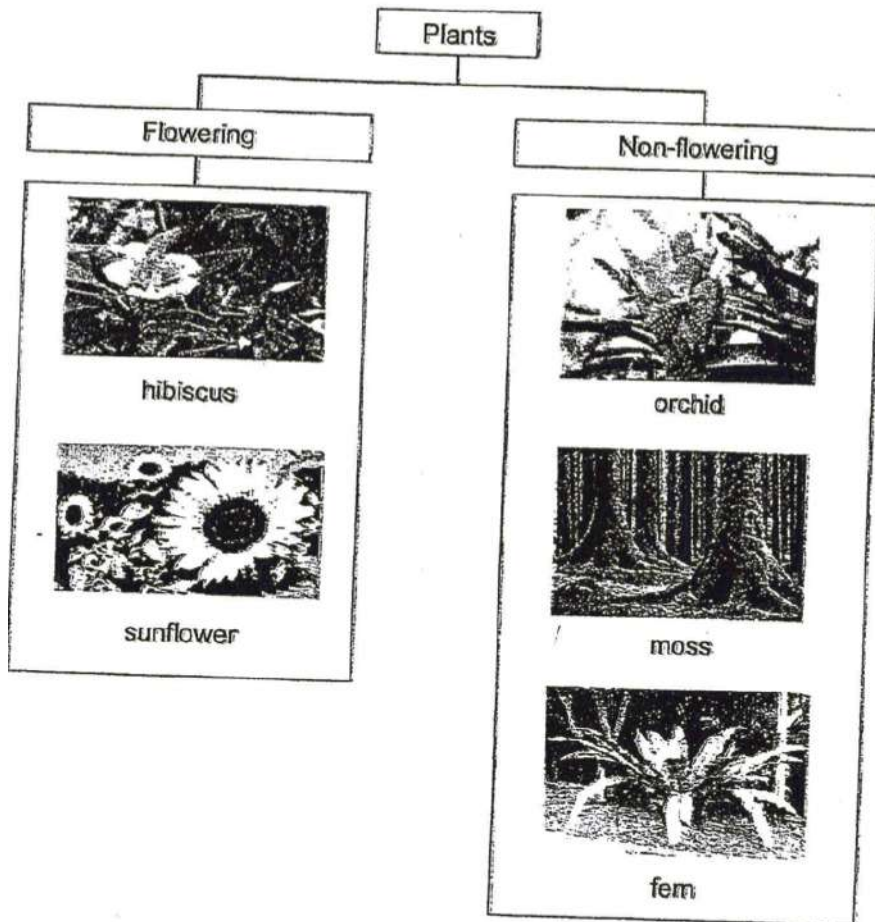
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Question 3

Primary 3 Science » Primary 3 Science (Term 4)

2 pts

James classified some plants as shown below.



Which plant is not classified correctly?

- A) fern
- ✓ B) orchid
- C) hibiscus
- D) sunflower

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 30th Jun 2020
Last Modified: N/A
QID#: 22,101,167

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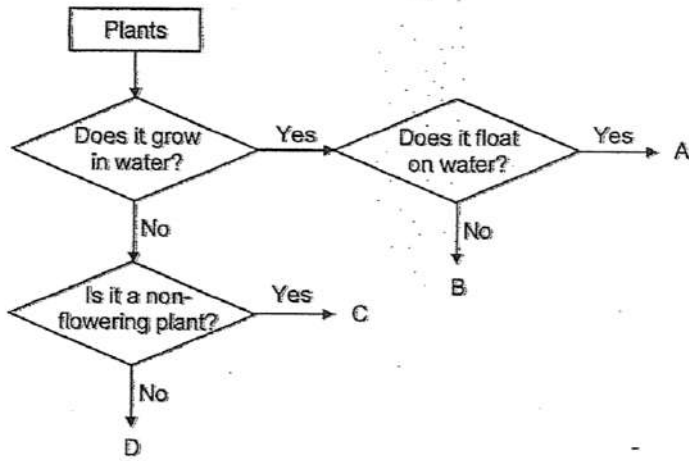
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Question 4

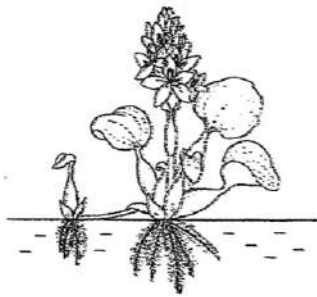
Primary 3 Science » Primary 3 Science (Term 4)

2 pts

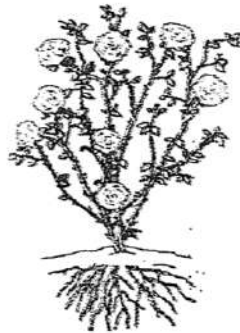
4 Study the chart below.



Which letters, A, B, C or D, represent the water hyacinth and the rose plant?



water hyacinth



rose plant

	water hyacinth	rose plant
(1)	A	C
(2)	A	D
(3)	B	C
(4)	B	D

- A) 1
- ✓ B) 2
- C) 3
- D) 4

Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Tue 30th Jun 2020
 Last Modified: N/A
 QID#: 22,101,185

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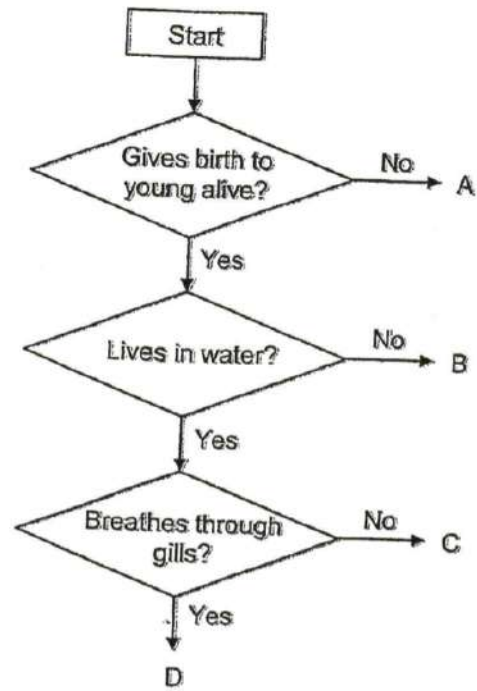
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Question 5

Primary 3 Science » Primary 3 Science (Term 4)

2 pts

5 Study the chart below.



Animal Z is a sea mammal. Which letter, A, B, C or D, best represents animal Z?

- A) A
- B) B
- ✓ C) C
- D) D

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 30th Jun 2020
Last Modified: N/A
QID#: 22,101,197

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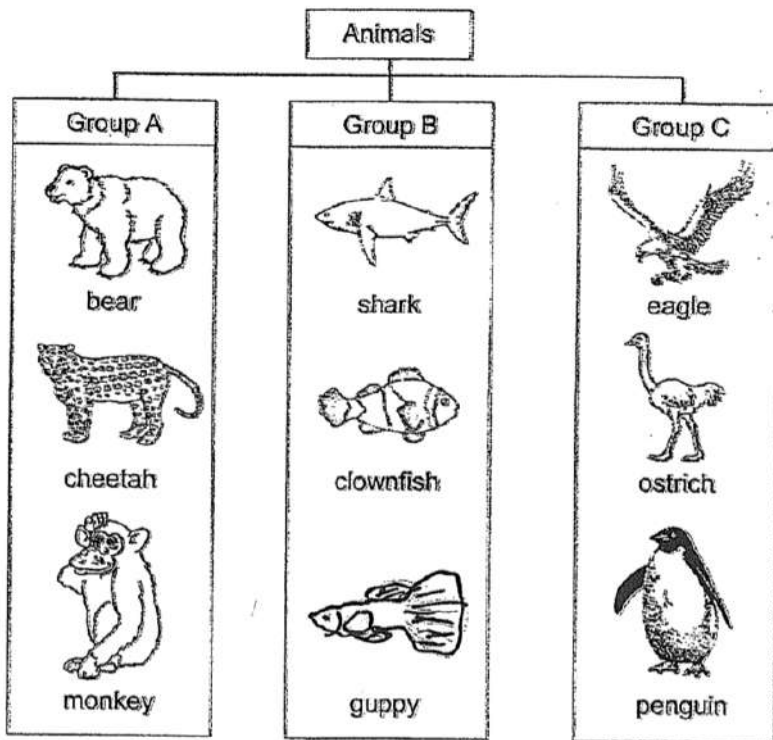
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Question 6

Primary 3 Science » Primary 3 Science (Term 4)

2 pts

Study the chart below.



How are the above animals grouped?

- A) The way they move
- B) The place they live in
- C) The type of food they eat
- ✓ D) The type of outer covering they have

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 30th Jun 2020
Last Modified: N/A
QID#: 22,101,210

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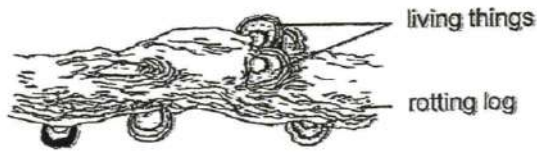
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Question 7

Primary 3 Science » Primary 3 Science (Term 4)

2 pts

Four pupils found some living things growing on a rotting log.



They made the following statements about the living things.

Name of pupil	Statements
Anton	They are plants.
Bala	They do not need sunlight.
Chee Ming	They are able to make their own food.
Dalimah	They reproduce by spores.

Who are correct?

- A) Bala and Dalimah only
- B) Anton and Dalimah only
- C) Bala and Chee Ming only
- D) Anton and Chee Ming only

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 30th Jun 2020
Last Modified: N/A
QID#: 22,101,272

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Question 8

Primary 3 Science » Primary 3 Science (Term 4)

2 pts

Which one of the following statements about bacteria is not correct?

- A) Bacteria are microorganisms.
- B) Bacteria do not need air or water to grow.
- C) Bacteria feed on living things, dead or alive.
- D) Bacteria can be useful and harmful to living things.

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 30th Jun 2020
Last Modified: N/A
QID#: 22,101,293

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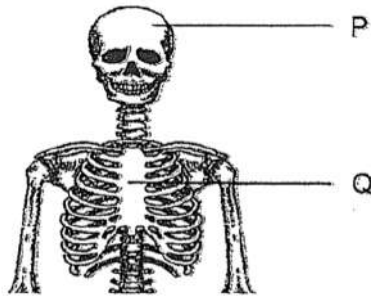
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Question 9

Primary 3 Science » Primary 3 Science (Term 4)

2 pts

The diagram below shows the human skeletal system.



Which one of the following statements is correct about P and Q?

- A) They allow us to stand upright.
- ✓ B) They protect the organs in our body.
- C) They work on their own to enable movement.
- D) They work together with the muscle to enable movement.

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 30th Jun 2020
Last Modified: N/A
QID#: 22,101,356

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Question 10

Primary 3 Science » Primary 3 Science (Term 4)

2 pts

Danny went jogging one morning. He started breathing faster and his heart beat faster.

Which systems in his body were responsible for the changes that he experienced?

- A) Skeletal and muscular systems
- B) Circulatory and skeletal systems
- C) Respiratory and muscular systems
- ✓ D) Circulatory and respiratory systems

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 30th Jun 2020
Last Modified: N/A
QID#: 22,101,427

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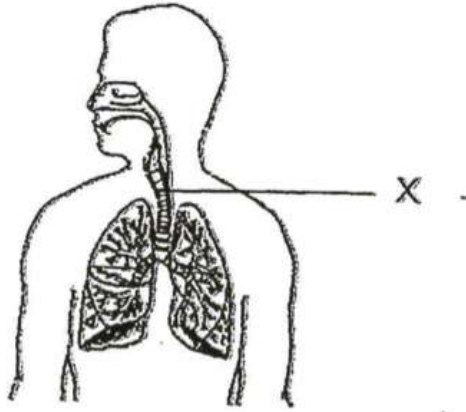
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Question 11

Primary 3 Science » Primary 3 Science (Term 4)

2 pts

The diagram below shows a human body system.



What is the part labelled X?

- A) lung
- B) gullet
- ✓ C) windpipe
- D) small intestine

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 30th Jun 2020
Last Modified: N/A
QID#: 22,101,430

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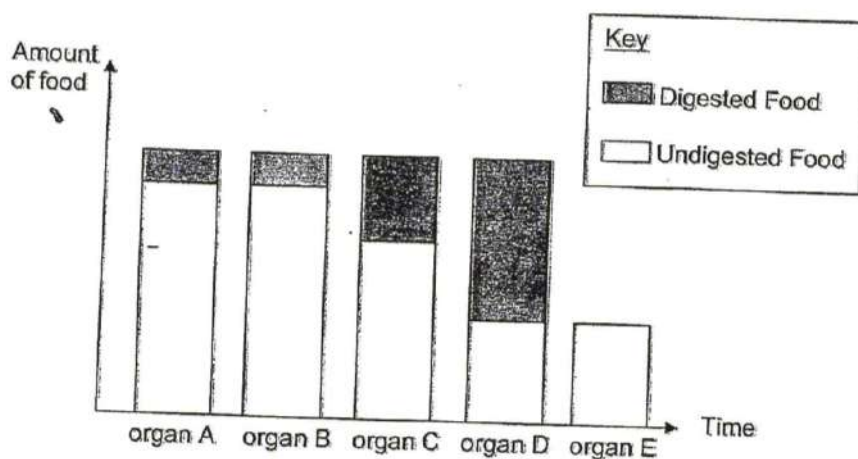
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Question 12

Primary 3 Science » Primary 3 Science (Term 4)

2 pts

The bar graph below shows the amount of digested and undigested food in five organs, A, B, C, D and E, of the digestive system over four hours.



Which one of the following is most likely represented by organ E?

- A) gullet

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

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 30th Jun 2020
Last Modified: N/A
QID#: 22,101,442

[↗ Answers](#) | [✎ Edit](#) | [📄 Duplicate](#) | [📌 Used In](#) | [⬇ Reorder](#)

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Question 13

Primary 3 Science » Primary 3 Science (Term 4)

2 pts

Which one of the following helps to hold the plant upright?

- ✓ A) stem
- B) roots
- C) fruits
- D) leaves

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 30th Jun 2020
Last Modified: N/A
QID#: 22,101,447

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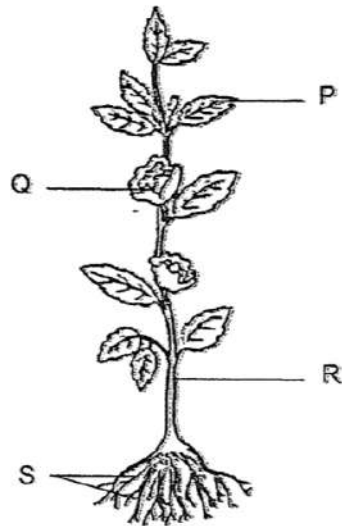
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Question 14

Primary 3 Science » Primary 3 Science (Term 4)

2 pts

Study the diagram below.



Which one of the following matches the parts correctly?

	P	Q	R	S
(1)	roots	stem	flower	leaf
(2)	flower	leaf	stem	roots
(3)	stem	flower	roots	leaf
(4)	leaf	flower	stem	roots

- A) 1
 B) 2
 C) 3
 ✓ D) 4

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 30th Jun 2020
Last Modified: N/A
QID#: 22,101,451

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Question 15

Primary 3 Science » Primary 3 Science (Term 4)

2 pts

During a heavy rain with severe thunderstorm, which plant is most likely to be uprooted first?

(1)



(2)



(3)



(4)



- ✓ A) 1
B) 2
C) 3
D) 4

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 30th Jun 2020
Last Modified: N/A
QID#: 22,101,457

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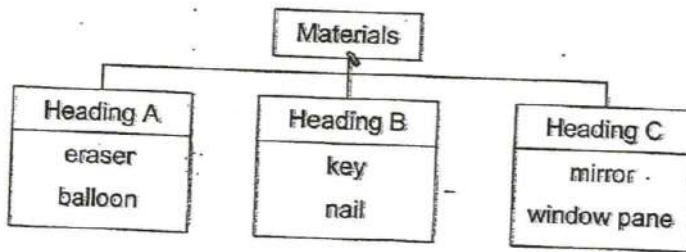
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Question 16

Primary 3 Science » Primary 3 Science (Term 4)

2 pts

16 Study the chart below.



Which one of the following correctly shows what headings, A, B and C, can be?

	A	B	C
(1)	rubber	ceramic	glass
(2)	plastic	metal	fabric
(3)	rubber	metal	glass
(4)	plastic	ceramic	fabric

- A) 1
 B) 2
 ✓ C) 3
 D) 4

Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Tue 30th Jun 2020
 Last Modified: N/A
 QID#: 22,101,740

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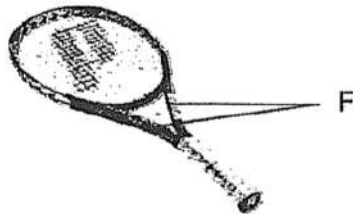
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Question 17

Primary 3 Science » Primary 3 Science (Term 4)

2 pts

The diagram below shows a tennis racket.



Which material is most suitable for making part F of the tennis racket?

- A) glass
 ✓ B) metal
 C) rubber
 D) ceramic

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 30th Jun 2020
Last Modified: N/A
QID#: 22,101,745

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

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Question 18

Primary 3 Science » Primary 3 Science (Term 4)

2 pts

The table below shows the properties of four materials, P, Q, R and S. A tick (✓) indicates the presence of the characteristic.

Material	P	Q	R	S
Property				
Flexible	✓		✓	
Breaks easily			✓	
Waterproof	✓	✓		✓
Can see through				✓

Which material is most suitable for making a raincoat?

- ✓ A) P
- B) Q
- C) R
- D) S

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 30th Jun 2020
Last Modified: N/A
QID#: 22,101,755

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[Remove From Test](#)

Question 19

Primary 3 Science » Primary 3 Science (Term 4)

2 pts

In which direction will a freely suspended magnet point to when it comes to rest?

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

Question Type: Multiple Choice

Randomize Answers: No
 Date Added: Tue 30th Jun 2020
 Last Modified: N/A
 QID#: 22,101,770

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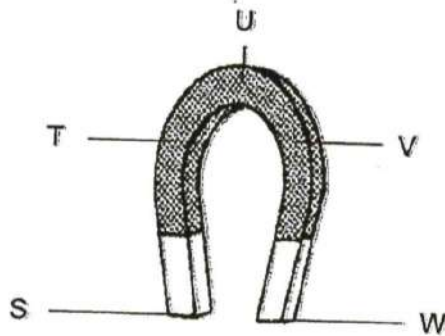
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Question 20

Primary 3 Science » Primary 3 Science (Term 4)

2 pts

The diagram below shows a horseshoe magnet.



Which part(s) of the horseshoe magnet can attract the most number of paper clips?

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

Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Tue 30th Jun 2020
 Last Modified: N/A
 QID#: 22,101,787

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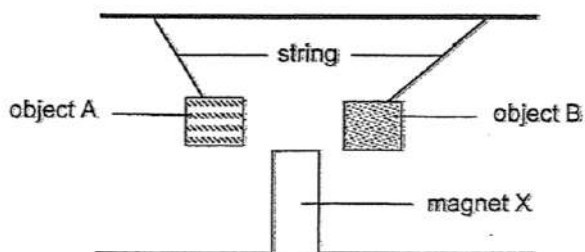
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Question 21

Primary 3 Science » Primary 3 Science (Term 4)

2 pts

Max set up an experiment and found that objects A and B were pulled towards magnet X as shown in the diagram below.



Which one of the following statements about objects A and B is correct?

- A) Object A is a magnet but object B is non-magnetic

- B) Object B is a magnet but object A is non-magnetic
- ✓ C) Both objects A and B are made of magnetic materials
- D) Object A is made of aluminium and object B is made of copper

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 30th Jun 2020
Last Modified: N/A
QID#: 22,101,809

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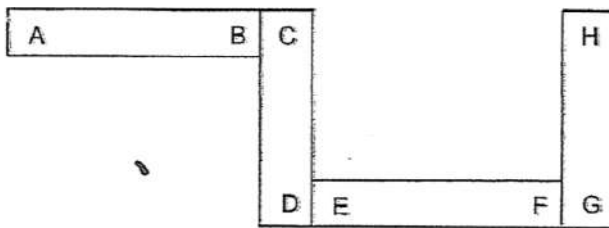
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Question 22

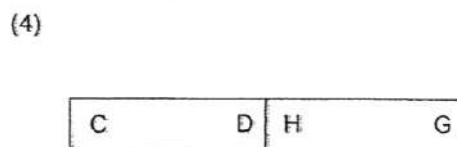
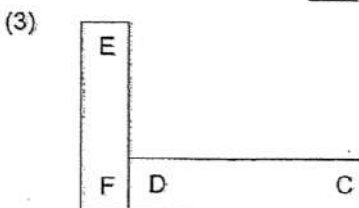
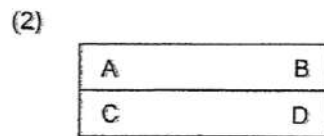
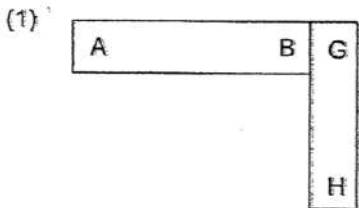
Primary 3 Science » Primary 3 Science (Term 4)

2 pts

Four bar magnets are arranged as shown below.



Which one of the following shows the correct arrangement when two of the bar magnets are put together?



- ✓ A) 1
- B) 2
- C) 3
- D) 4

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 30th Jun 2020
Last Modified: N/A
QID#: 22,101,817

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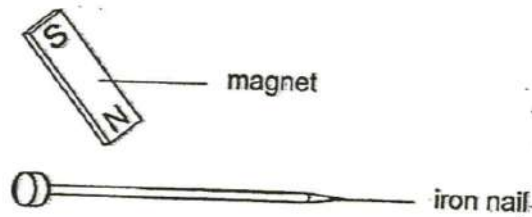
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Question 23

Primary 3 Science » Primary 3 Science (Term 4)

2 pts

Peter wanted to magnetise an iron nail using the stroking method as shown below.



While stroking the iron nail, he should _____

- A) stroke the nail with the same pole of the magnet
- B) stroke the nail with a magnet in different directions
- C) stroke the whole length of the nail at least 20 times
- D) stroke only part of the nail with a magnet in different directions

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

Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Tue 30th Jun 2020
 Last Modified: N/A
 QID#: 22,101,833

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

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Question 24

Primary 3 Science » Primary 3 Science (Term 4)

2 pts

Four identical iron nails, W, X, Y and Z, were made into magnets using the stroking method. The table below shows the number of paper clips attracted.

Nails	W	X	Y	Z
Number of paper clips attracted	2	5	4	7

Which nail was stroked the most number of times?

- A) W
- B) X

C) Y

✓ D) Z

Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Tue 30th Jun 2020
 Last Modified: N/A
 QID#: 22,101,845

Answers | Edit | Duplicate | Used In | Reorder

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Question 25

Primary 3 Science » Primary 3 Science (Term 4)

0 pts

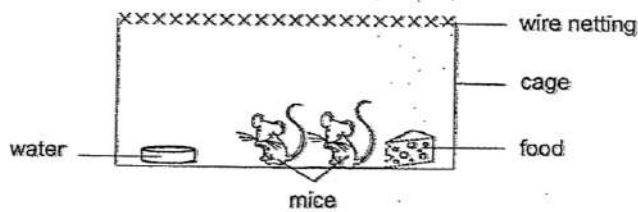
SECTION B

Type your answers clearly in the spaces provided.

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

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

Ken observed a pair of mice in a cage for a month.



(a) Match Ken's observations to the characteristics of living things. [2]

Observations

The mice fed on the food and water.

The mice were bigger in size after two weeks.

The mice ran around the cage when Ken moved the cage.

There were more mice in the cage after one month.

Characteristics of living things

- Living things can grow.
- Living things need food and water.
- Living things can reproduce.
- Living things respond to changes around them.

Question Type: Essay
 Date Added: Tue 30th Jun 2020
 Last Modified: N/A
 QID#: 22,101,901

Correctly answered feedback

Q25a)

The mice fed on the food and water. – Living things need food and water.

The mice were bigger in size after two weeks. – Living things can grow.

The mice ran around the cage when Ken moved the cage – Living things respond to changes around them.

There were more mice in the cage after one month – Living things can reproduce.

Incorrectly answered feedback**Q25a)**

The mice fed on the food and water. – Living things need food and water.

The mice were bigger in size after two weeks. – Living things can grow.

The mice ran around the cage when Ken moved the cage – Living things respond to changes around them.

There were more mice in the cage after one month – Living things can reproduce.

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

[Remove From Test](#)

Question 26

Primary 3 Science » Primary 3 Science (Term 4)

0 pts

Ken then replaced the wire netting with a piece of cardboard.

(b) What would Ken observe after a week?

(c) Explain your answer in (b)

Question Type: Essay
Date Added: Tue 30th Jun 2020
Last Modified: N/A
QID#: 22,102,116

Correctly answered feedback

(b) All the mice in the cage would die

(c) There was no continuous supply of air and living things need air to survive

Incorrectly answered feedback

(b) All the mice in the cage would die

(c) There was no continuous supply of air and living things need air to survive

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

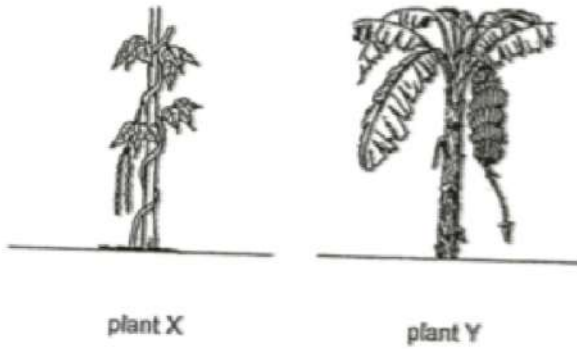
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Question 27

Primary 3 Science » Primary 3 Science (Term 4)

0 pts

Study the two plants below.



- (a) Based on the diagram above, state one similarity and one difference between plant X and plant Y. (Do not compare size, shape and colour.)

(i) Similarity:

[1]

(ii) Difference:

[1]

- (b) Based on the diagram above, are plant X and plant Y flowering plants? Give a reason for your answer.

[1]

Question Type: Essay
 Date Added: Tue 30th Jun 2020
 Last Modified: Mon 13th Jul 2020
 QID#: 22,102,133

Correctly answered feedback

ai) They both have a stem.

aii) Plant X has a weak stem while Plant Y has a strong stem.

b) Fruits come from flowers and flowers develop into fruits.

Incorrectly answered feedback

ai) They both have a stem.

aii) Plant X has a weak stem while Plant Y has a strong stem.

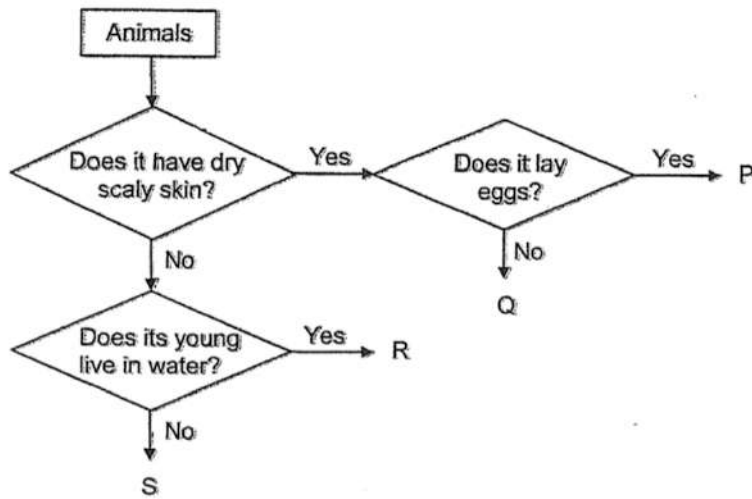
b) Fruits come from flowers and flowers develop into fruits.

Question 28

Primary 3 Science » Primary 3 Science (Term 4)

0 pts

Study the chart below.



- (a) Based on the chart above, state two characteristics of animal Q. [1]

- (b) Based on the chart above, state one similarity between animals R and S. [1]

Question Type: Essay
 Date Added: Tue 30th Jun 2020
 Last Modified: Mon 13th Jul 2020
 QID#: 22,102,157

Correctly answered feedback

- 'a) Animal Q has dry scaly skin and it does not lay eggs.
 'b) Both animal R and S do not have dry scaly skin.

Incorrectly answered feedback

- 'a) Animal Q has dry scaly skin and it does not lay eggs.
 'b) Both animal R and S do not have dry scaly skin.

Question 29

Primary 3 Science » Primary 3 Science (Term 4)

1 pt

- (c) Based on the chart above, which animal, P, Q, R or S, is most likely to be a snake? [1]
-

Accepted answers:

- ✓ animal p
- ✓ p

Question Type: Free Text
 Date Added: Mon 13th Jul 2020
 Last Modified: N/A
 QID#: 22,385,192

[Answers](#) |
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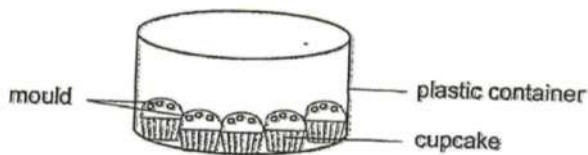
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Question 30

Primary 3 Science » Primary 3 Science (Term 4)

0 pts

Mei Ling wanted to find out the temperature at which mould grows best on cupcakes. She placed five identical cupcakes each into four similar plastic containers, W, X, Y and Z. Each container was placed in a different room at a different temperature for one week.



She recorded her results in the table as shown below.

Plastic container	Temperature of the room the container was placed in (°C)	Number of cupcakes with mould growing on them
W	10	1
X	15	3
Y	25	4
Z	30	5

- (a) Based on the results above, what change do you notice about the number of cupcakes with mould growing on them as the temperature of the room increased? [1]

- (b) Based on the experiment above, name the condition that affected the growth of the mould. [1]

Question Type: Essay
 Date Added: Tue 30th Jun 2020
 Last Modified: Mon 13th Jul 2020
 QID#: 22,102,180

Correctly answered feedback

- a) As the temperature of the room increases, the number of cupcakes with mould growing on them increases.
- b) There was no warmth for the growth of the mould.

Incorrectly answered feedback

- a) As the temperature of the room increases, the number of cupcakes with mould growing on them increases.
- b) There was no warmth for the growth of the mould.

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

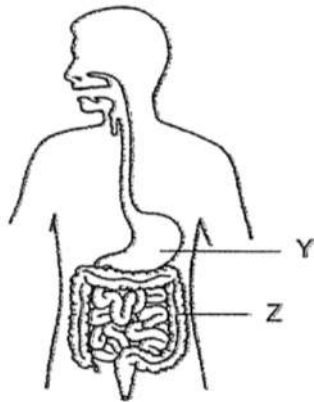
[Remove From Test](#)

Question 31

Primary 3 Science » Primary 3 Science (Term 4)

0.5 pts

The diagram below shows the human digestive system.



(a) Name the labelled parts of the human digestive system.

[1]

Part Y: _____

Accepted answers:

✓ stomach

Question Type: Free Text
 Date Added: Mon 13th Jul 2020
 Last Modified: Mon 13th Jul 2020
 QID#: 22,385,329

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

[Remove From Test](#)

Question 32

Primary 3 Science » Primary 3 Science (Term 4)

0.5 pts

Part Z: _____

Accepted answers:

✓ large intestine

Question Type: Free Text
Date Added: Mon 13th Jul 2020
Last Modified: N/A
QID#: 22,385,333

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

Question 33

Primary 3 Science » Primary 3 Science (Term 4)

0 pts

(b) What happens at part Z?

[1]

Question Type: Essay
Date Added: Tue 30th Jun 2020
Last Modified: Mon 13th Jul 2020
QID#: 22,102,191

Correctly answered feedback

(b) Water is absorbed from undigested food.

Incorrectly answered feedback

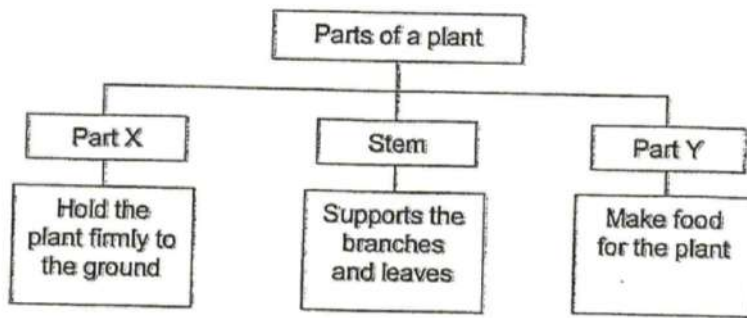
(b) Water is absorbed from undigested food.[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)[Remove From Test](#)

Question 34

Primary 3 Science » Primary 3 Science (Term 4)

1 pt

Study the chart below. It shows the parts of a plant and their functions.



(a) Name parts X and Y.

[2]

Part X: _____

Accepted answers:

✓ roots

Question Type: Free Text
 Date Added: Mon 13th Jul 2020
 Last Modified: N/A
 QID#: 22,385,413

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

[Remove From Test](#)

Question 35

Primary 3 Science » Primary 3 Science (Term 4)

1 pt

Part Y: _____

Accepted answers:

✓ leaf

Question Type: Free Text
 Date Added: Mon 13th Jul 2020
 Last Modified: N/A
 QID#: 22,385,418

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

[Remove From Test](#)

Question 36

Primary 3 Science » Primary 3 Science (Term 4)

0 pts

(b) State another function of part X.

[1]

Question Type: Essay
 Date Added: Tue 30th Jun 2020
 Last Modified: Mon 13th Jul 2020
 QID#: 22,102,200

Correctly answered feedback

b) To absorb water and mineral salts from the soil.

Incorrectly answered feedback

b) To absorb water and mineral salts from the soil.

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

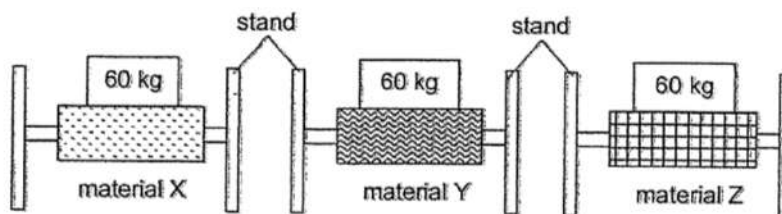
[Remove From Test](#)

Question 37

Primary 3 Science » Primary 3 Science (Term 4)

1 pt

Raja put a 60 kg weight onto three materials, X, Y and Z, as shown below. The materials were of the same thickness.



Raja then recorded his observations in a table as shown below.

Material	Observations
X	It bent.
Y	It broke.
Z	It remained the same.

(a) Put a tick (✓) in the box(es) below to indicate the changed variable based on his experiment above.

[1]

Variables	Changed
type of material	
size of material	
thickness of material	

- ✓ A) type of material
- B) size of material
- C) thickness of material

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Mon 13th Jul 2020
Last Modified: N/A
QID#: 22,385,461

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

[Remove From Test](#)

Question 38

Primary 3 Science » Primary 3 Science (Term 4)

3 pts

Match the options below:

- (b) Arrange the materials, X, Y and Z, from the strongest to the weakest. [1]



Clue

Match

strongest

Material Z

Points: +1 -0

medium

Material X

Points: +1 -0

weakest

Material Y

Points: +1 -0

Question Type: Matching
Shuffle Mode: Shuffle Matches Only
Date Added: Mon 13th Jul 2020
Last Modified: N/A
QID#: 22,385,469

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

[Remove From Test](#)

Question 39

Primary 3 Science » Primary 3 Science (Term 4)

0 pts

- (c) Which material should Raja choose to make a chair?
 Explain your answer.

[2]

Question Type: Essay
Date Added: Tue 30th Jun 2020
Last Modified: Mon 13th Jul 2020
QID#: 22,102,209

Correctly answered feedback

c) Material Z. It is the strongest material as it can withstand a weight of 60kg.

Incorrectly answered feedback

c) Material Z. It is the strongest material as it can withstand a weight of 60kg.

Answers | Edit | Duplicate | Used In | Reorder

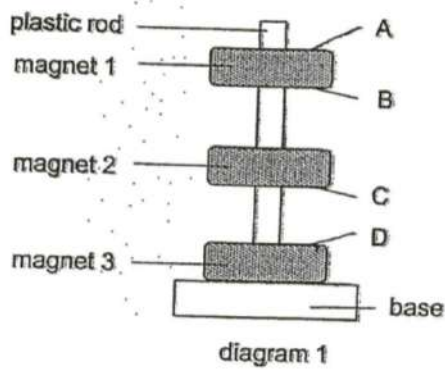
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Question 40

Primary 3 Science » Primary 3 Science (Term 4)

0 pts

Ahmad arranged three ring magnets through a plastic rod as shown in diagram 1 below.



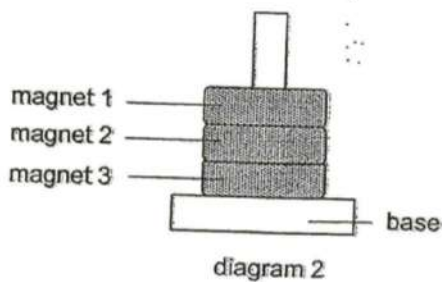
(a) Identify the poles of the ring magnets indicated by A, B, C and D. [2]

A: _____ C: _____

B: _____ D: _____

(b) State a property of the magnets shown in the diagram above. [1]

Ahmad made a change to one of the magnets such that the three ring magnets come together as shown in diagram 2.



(c) What was the change that Ahmad had made? [1]

Question Type: Essay

Date Added: Tue 30th Jun 2020
 Last Modified: Mon 13th Jul 2020
 QID#: 22,102,221

Correctly answered feedback

- a) A: S/N B: N/S C: S/N D: S/N
 b) Like poles repel.
 c) Ahmad flipped magnet 2.

Incorrectly answered feedback

- a) A: S/N B: N/S C: S/N D: S/N
 b) Like poles repel.
 c) Ahmad flipped magnet 2.

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

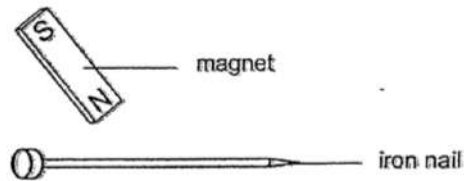
[Remove From Test](#)

Question 41

Primary 3 Science » Primary 3 Science (Term 4)

1 pt

Ben wanted to magnetise an iron nail using the stroking method as shown in the diagram below.



The table below shows his results.

Number of times the iron nail is stroked	Number of paper clips attracted
10	1
20	2
30	3

- (a) Put a tick (✓) in the box(es) below to indicate the minimum number of times the iron nail is stroked to attract 4 paper clips. [1]

Number of times the iron nail is stroked	Tick (✓)
25	
30	
40	

A) 25

B) 30

✓ C) 40

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Mon 13th Jul 2020
Last Modified: N/A
QID#: 22,385,873

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

[Remove From Test](#)

Question 42

Primary 3 Science » Primary 3 Science (Term 4)

1 pt

Ben changed the iron nail to a plastic ruler.

(b) How many paper clips could the plastic ruler attract after he stroked it 40 times with the magnet? [1]

Accepted answers:

✓ 0

✓ 0 paper clip

✓ 0 paper clips

Question Type: Free Text
Date Added: Mon 13th Jul 2020
Last Modified: N/A
QID#: 22,385,892

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

[Remove From Test](#)

Question 43

Primary 3 Science » Primary 3 Science (Term 4)

0 pts

(c) Give a reason for your answer in (b). [1]

Question Type: Essay
Date Added: Tue 30th Jun 2020
Last Modified: Mon 13th Jul 2020
QID#: 22,102,233

Correctly answered feedback

c) The plastic ruler is a non-magnetic material. Only magnetic materials can be magnetised. Hence, the plastic ruler could not attract any paper clips.

Incorrectly answered feedback

c) The plastic ruler is a non-magnetic material. Only magnetic materials can be magnetised. Hence, the plastic ruler could not attract any paper clips.

Answers | Edit | Duplicate | Used In | Reorder

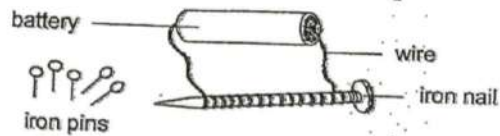
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Question 44

Primary 3 Science » Primary 3 Science (Term 4)

0 pts

Mabel set up the following experiment as shown below.

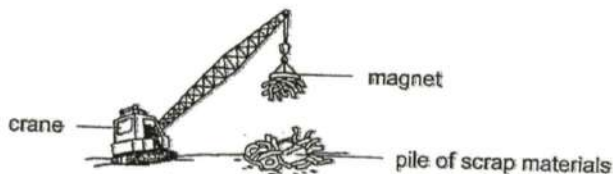


(a) What did Mabel observe when she placed some iron pins near the iron nail? [1]

(b) Give a reason for your answer in (a). [1]

(c) Suggest one way for Mabel to attract more iron pins to the iron nail. [1]

The crane below is found at a metal scrapyards. A magnet is attached to one end of the crane.



(d) Explain how the magnet helps to separate the magnetic materials from the pile of scrap materials. [1]

Question Type: Essay

Date Added: Tue 30th Jun 2020

Last Modified: Mon 13th Jul 2020

QID#:

22,102,294

Correctly answered feedback

- a) She will observe the iron nail will attract to the iron pins.
- b) The iron nail has become an electromagnet.
- c) Increase the number of batteries connected to the iron nails.
- d) The magnetic materials would be attracted to the magnet

Incorrectly answered feedback

- a) She will observe the iron nail will attract to the iron pins.
- b) The iron nail has become an electromagnet.
- c) Increase the number of batteries connected to the iron nails.
- d) The magnetic materials would be attracted to the magnet

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