



 **Primary 5 Science (Term 3) - Nanyang (2020)** 

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Test Questions

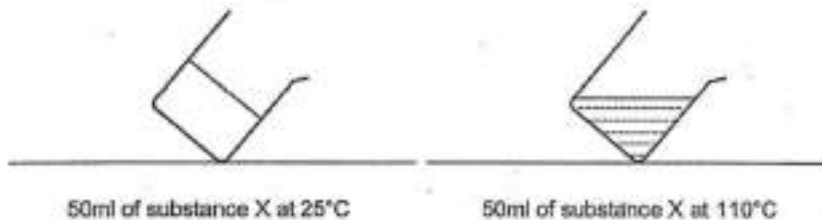
0 Test Assignments

Question 1

Primary 5 Science » Primary 5 Science (Term 3)

2 pts

Xin Ren took substance X out of the freezer and left it at room temperature before heating it. The diagram below shows what he observed at 25°C and 110°C.



Based on Xin Ren's observations, which of the following is possible?

- A)

Melting Point of X (°C)	Boiling Point of X (°C)
20	120
- B)

Melting Point of X (°C)	Boiling Point of X (°C)
25	100
- C)

Melting Point of X (°C)	Boiling Point of X (°C)
30	120
- D)

Melting Point of X (°C)	Boiling Point of X (°C)
35	105

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Mon 13th Sep 2021
Last Modified: N/A
QID#: 29,005,168

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Question 2

Primary 5 Science » Primary 5 Science (Term 3)

2 pts

Some water was left to boil in a kettle. Mist was observed above the kettle as shown in the diagram below.



Which of the following statements is correct?

- A) Mist is in the liquid state and it is formed when water vapour loses heat to the surrounding air.
- B) Mist is in the liquid state and it is formed when water droplets gain heat from the surrounding air.
- C) Mist is in the gaseous state and it is formed when water vapour loses heat to the surrounding air.
- D) Mist is in the gaseous state and it is formed when water droplets gain heat from the surrounding air.

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Mon 13th Sep 2021
Last Modified: N/A
QID#: 29,005,179

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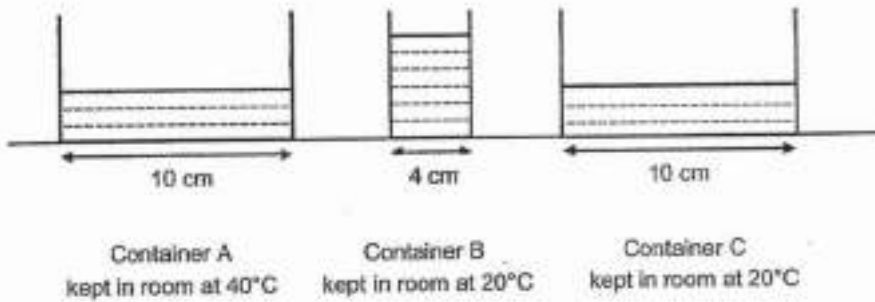
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Question 3

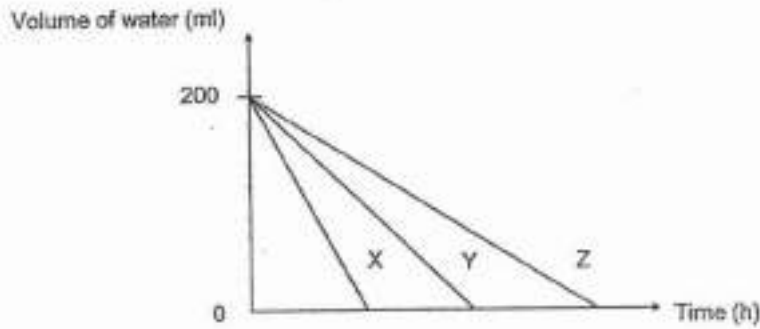
Primary 5 Science » Primary 5 Science (Term 3)

2 pts

Three containers, A, B and C, were filled with 200ml of water. They were placed in rooms of different temperatures.



The amount of water left in the containers were measured over time. The results were plotted on the graph below.



Which of the following correctly matches the graphs to the containers?

- A)

Graph X	Graph Y	Graph Z
Container A	Container B	Container C
- ✓ B)

Graph X	Graph Y	Graph Z
Container A	Container C	Container B
- C)

Graph X	Graph Y	Graph Z
Container B	Container C	Container A
- D)

Graph X	Graph Y	Graph Z
Container C	Container A	Container B

Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Mon 13th Sep 2021
 Last Modified: N/A
 QID#: 29,005,256

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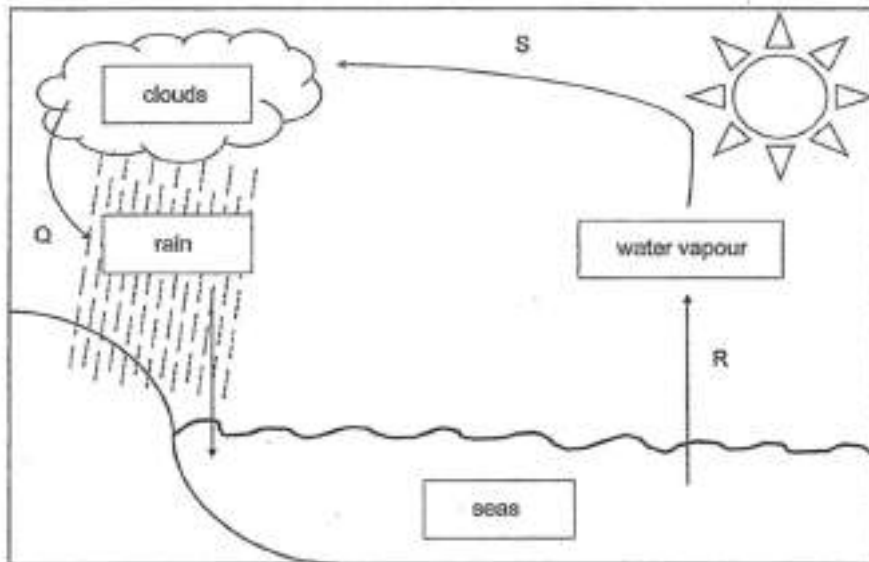
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Question 4

Primary 5 Science » Primary 5 Science (Term 3)

2 pts

The diagram below represents the water cycle.



Which of the arrows represent a process which involves a change in state of water?

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

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Mon 13th Sep 2021
Last Modified: N/A
QID#: 29,005,263

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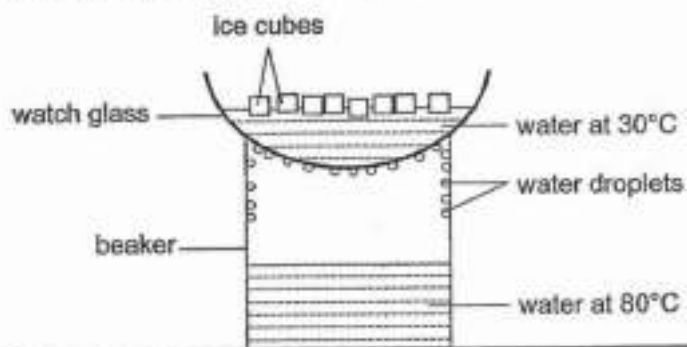
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Question 5

Primary 5 Science » Primary 5 Science (Term 3)

2 pts

The set-up below represents the water cycle.



Which part of the set-up represents the clouds?

- A) ice cubes
- B) water at 30°C

- C) water at 80°C
- ✓ D) water droplets

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Mon 13th Sep 2021
Last Modified: N/A
QID#: 29,005,267

↗ Answers | ✎ Edit | 📄 Duplicate | ↗ Used In | ⚙ Reorder

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Question 6

Primary 5 Science » Primary 5 Science (Term 3)

2 pts

Which one of the following activities helps to conserve water?

- A) Taking longer showers
- B) Using a hose to wash car
- ✓ C) Using a mug to brush teeth
- D) Rinsing vegetables under running water

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Mon 13th Sep 2021
Last Modified: N/A
QID#: 29,005,291

↗ Answers | ✎ Edit | 📄 Duplicate | ↗ Used In | ⚙ Reorder

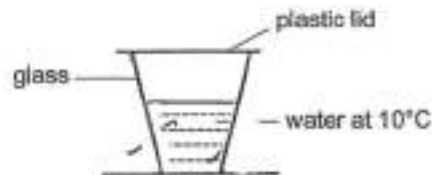
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Question 7

Primary 5 Science » Primary 5 Science (Term 3)

0 pts

Nathan left a glass of water at 10°C on the table at room temperature as shown below.



After some time, Nathan observed that some water droplets formed.

Draw the water droplets formed in the diagram above. (1 mark)

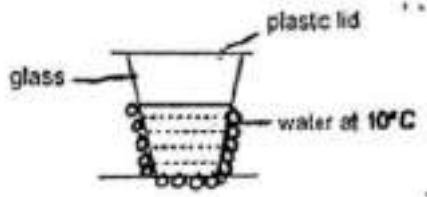
This question is designed for extended answers that parent/ teacher will have to assign and guide child to attempt after the test has been completed.

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

Question Type: Essay
Date Added: Mon 13th Sep 2021
Last Modified: N/A
QID#: 29,005,324

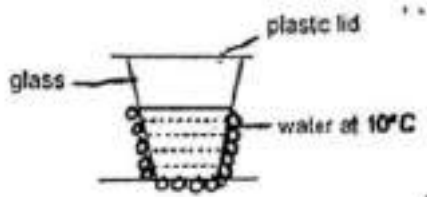
Correctly answered feedback

outer surface of glass



Incorrectly answered feedback

outer surface of glass



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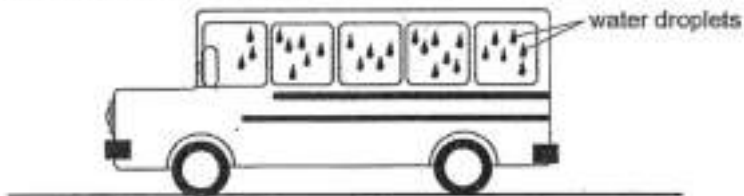
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Question 8

Primary 5 Science » Primary 5 Science (Term 3)

0 pts

Later that day, Nathan took an air-conditioned bus to school. He noticed that water droplets formed on the outer surface of the windows of the bus.



Explain how the water droplets formed. (2 marks)

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

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

Question Type: Essay
Date Added: Mon 13th Sep 2021
Last Modified: N/A
QID#: 29,005,338

Correctly answered feedback

The temperature outside the bus was higher than the inside of the bus. The warmer water vapour in the surrounding came into contact with the cooler outer surface of the windows, lost heat and condensed to form water droplets.

Incorrectly answered feedback

The temperature outside the bus was higher than the inside of the bus. The warmer water vapour in the surrounding came into contact with the cooler outer surface of the windows, lost heat and condensed to form water droplets.

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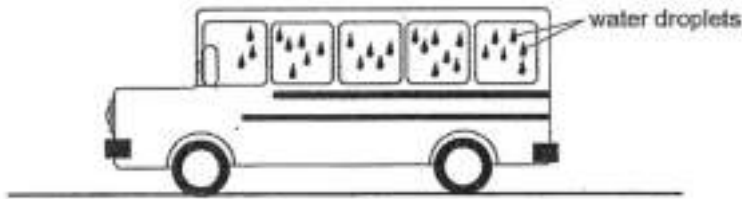
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Question 9

Primary 5 Science » Primary 5 Science (Term 3)

0 pts

Later that day, Nathan took an air-conditioned bus to school. He noticed that water droplets formed on the outer surface of the windows of the bus.



When Nathan arrived at school, the bus driver parked the bus at school and turned the air conditioning off. Nathan observed that the water droplets on the outer surface of the windows 'disappeared' after some time.

Explain Nathan's observation. (1 mark)

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

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

Question Type: Essay
Date Added: Mon 13th Sep 2021
Last Modified: N/A
QID#: 29,005,345

Correctly answered feedback

The water droplets gained heat from the surroundings and evaporated to form water vapour.

Incorrectly answered feedback

The water droplets gained heat from the surroundings and evaporated to form water vapour.

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

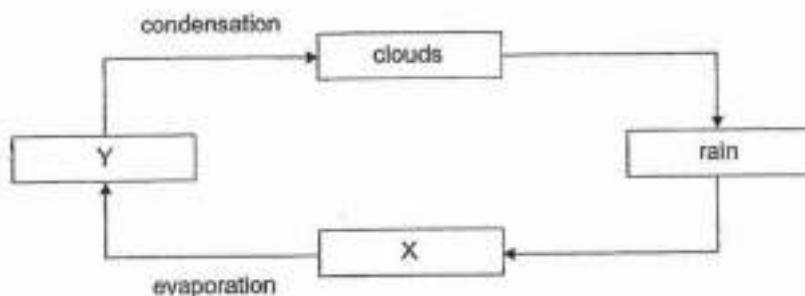
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Question 10

Primary 5 Science » Primary 5 Science (Term 3)

0.5 pts

The diagram below represents the water cycle.



Identify substance X.

Accepted answers:

✓ Water bodies

Question Type: Free Text
Date Added: Mon 13th Sep 2021
Last Modified: N/A
QID#: 29,005,362

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

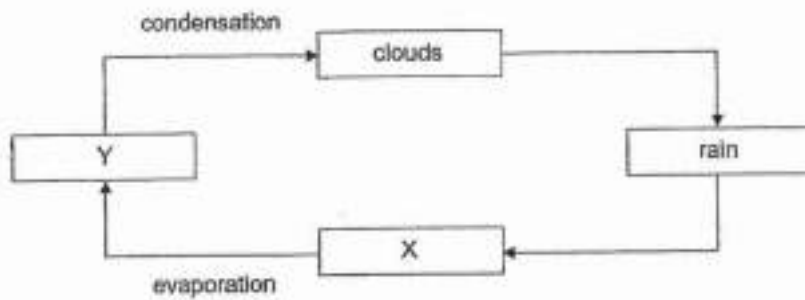
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Question 11

Primary 5 Science » Primary 5 Science (Term 3)

0.5 pts

The diagram below represents the water cycle.



Identify substance Y.

Accepted answers:

✓ Water vapour

Question Type: Free Text
Date Added: Mon 13th Sep 2021
Last Modified: N/A
QID#: 29,005,370

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

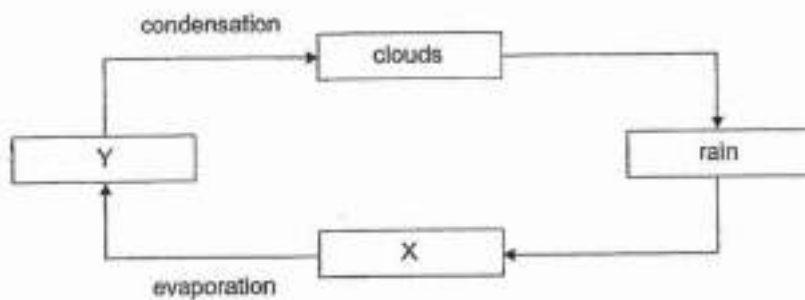
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Question 12

Primary 5 Science » Primary 5 Science (Term 3)

1 pt

The diagram below represents the water cycle.



Indicate below if the substance gains heat or loses heat during the processes indicated.

Clue

Match

Substance X: Water Bodies

Gain Heat

Points: +0.5 -0

Substance Y: Water Vapour

Loses Heat

Points: +0.5 -0

Question Type: Matching

Shuffle Mode: Shuffle Matches Only

Date Added: Mon 13th Sep 2021

Last Modified: N/A

QID#: 29,005,384

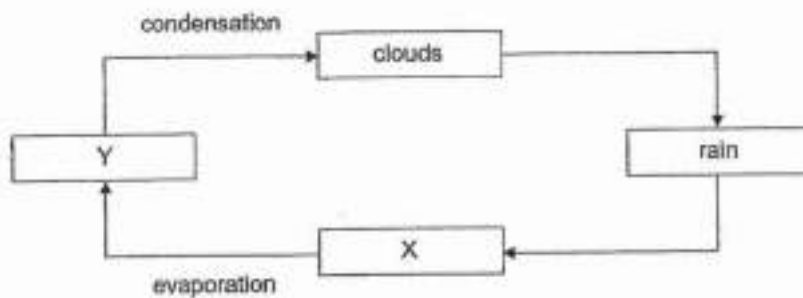
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Question 13

Primary 5 Science » Primary 5 Science (Term 3)

0 pts

The diagram below represents the water cycle.



Explain why the Sun is needed in the water cycle. (1 mark)

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

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

Question Type: Essay

Date Added: Mon 13th Sep 2021

Last Modified: N/A

QID#: 29,005,389

Correctly answered feedback

The Sun provides heat for evaporation to occur. Without evaporation, the water cycle is not complete, plants and animals cannot get clean water.

Incorrectly answered feedback

The Sun provides heat for evaporation to occur. Without evaporation, the water cycle is not complete, plants and animals cannot get clean water.

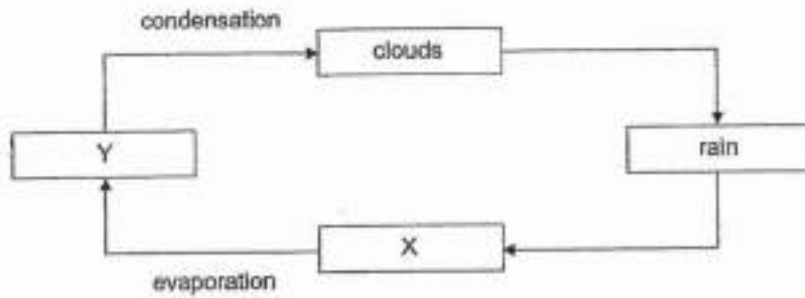
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Question 14

Primary 5 Science » Primary 5 Science (Term 3)

0 pts

The diagram below represents the water cycle.



About 70% of the Earth is covered with water. Why is there still a need to conserve water? (1 mark)

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

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

Question Type: Essay
Date Added: Mon 13th Sep 2021
Last Modified: N/A
QID#: 29,005,400

Correctly answered feedback

We need to conserve water because there is actually very little drinkable water on Earth.

Incorrectly answered feedback

We need to conserve water because there is actually very little drinkable water on Earth.

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

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