

Tests Edit Test

 Tests  Groups  Links **Primary 4 Science (Term 1) - School RS**  Duplicate Print Delete**Test Introduction**[+ Add Introduction](#)**26 Questions** (30 Points)Question Bank: 20,000 Questions 

Test Questions

1 Test Assignment

Question 1

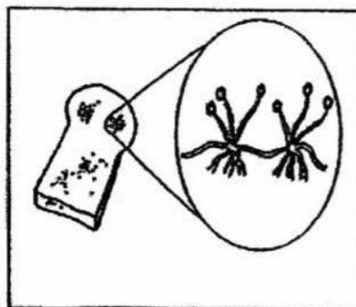
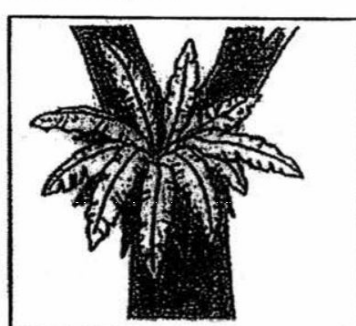
Primary 4 Science » Primary 4 Science (Term 1)

2 pts

MCQ (22 Marks)

For each question, four options are given. One of them is the correct answer. Make your choice (A, B, C or D) and write your answer in the brackets provided.

Which of the following organism(s) does/do not reproduce by spores?

A. tomato plant**B. bread mould****C. sunflower plant****D. Bird Nest Fern**

A) D only

 B) A and C only

C) B and C only

D) A, B and D only

Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Tue 11th Aug 2020
 Last Modified: N/A
 QID#: 22,962,488

Answers | Edit | Duplicate | Used In | Reorder

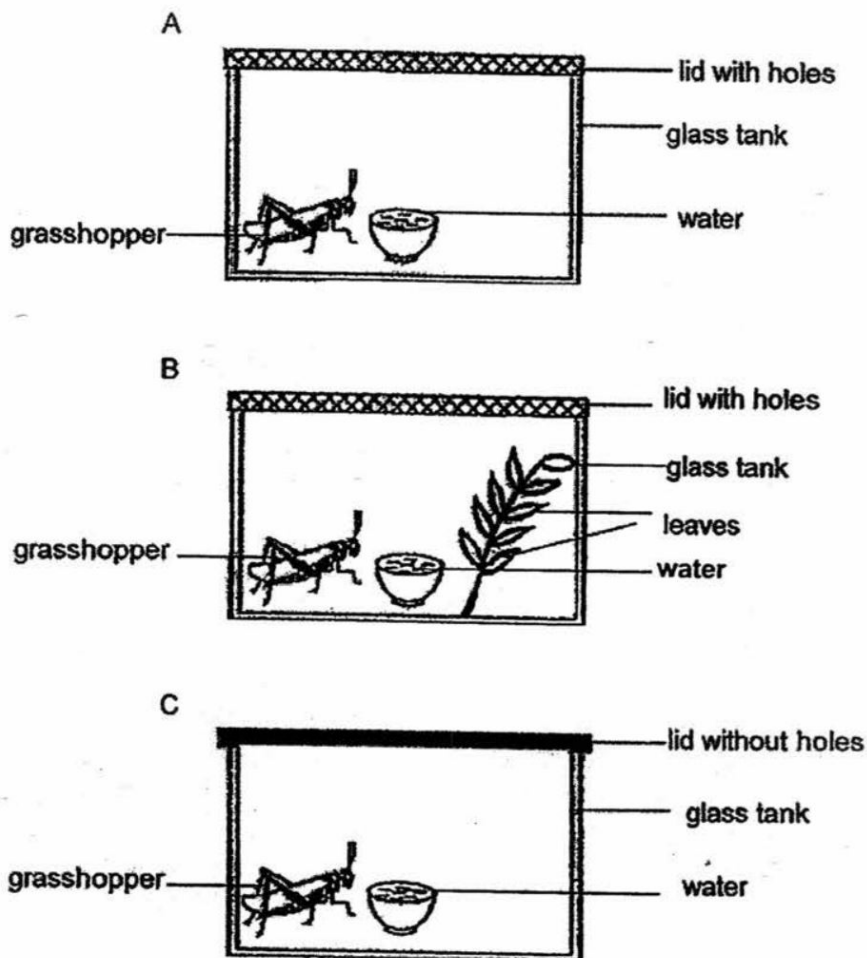
Remove From Test

Question 2

Primary 4 Science » Primary 4 Science (Term 1)

2 pts

Jack wanted to keep a grasshopper as a pet. He thought of three possible ways A, B and C to keep his grasshopper alive.



Which of the following is correct?

✓ A)

Least suitable way to keep the grasshopper	Most suitable way to keep the grasshopper
C	B

B)

Least suitable way to keep the grasshopper	Most suitable way to keep the grasshopper
A	C

C)	Least suitable way to keep the grasshopper	Most suitable way to keep the grasshopper
	C	A

D)	Least suitable way to keep the grasshopper	Most suitable way to keep the grasshopper
	A	B

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 11th Aug 2020
Last Modified: N/A
QID#: 22,962,647

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

[Remove From Test](#)

Question 3

Primary 4 Science » Primary 4 Science (Term 1)

2 pts

Four pupils observed three specimens and recorded their observations in a table. The table shows the characteristics shown by the three specimens A, B and C.

	Needs air	Needs food	Needs water	Needs sunlight	Can move from place to place
A	√	√	√		
B	√	√	√		√
C					√

The pupils made the following statements based on their observations.

Zaki : A is a plant.

Nick : B is an animal.

Rani : C is a living thing.

Lili : A is a non-living thing.

Who made the correct statements?

- A) Zaki and Rani only
 B) Nick and Lili only
 C) Zaki and Nick only
 D) Rani and Lili only

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 11th Aug 2020
Last Modified: N/A
QID#: 22,962,684

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

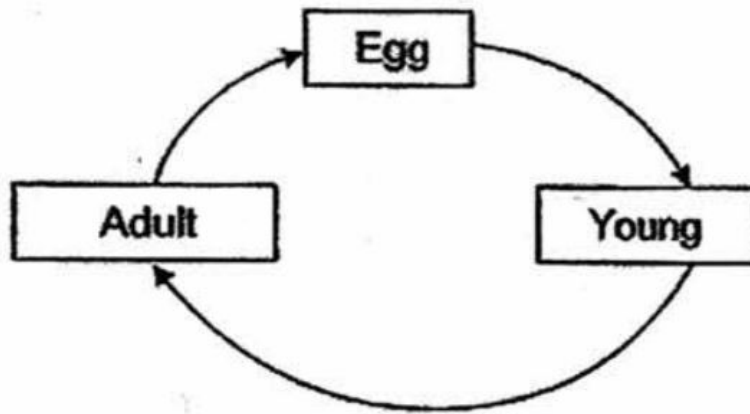
[Remove From Test](#)

Question 4

Primary 4 Science » Primary 4 Science (Term 1)

2 pts

The diagram below shows a life cycle.



Which group of animals may not have a similar life cycle shown above?

- ✓ A) Insects
- B) Birds
- C) Amphibians
- D) Reptiles

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 11th Aug 2020
Last Modified: N/A
QID#: 22,962,701

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

[Remove From Test](#)

Question 5

Primary 4 Science » Primary 4 Science (Term 1)

2 pts

Jack kept four mealworm beetles, W, X, Y and Z. They are at different stages of their life cycles. He kept each mealworm beetle in a separate container and he placed 20 g of food in each container. He measured the mass of food left in the container after 3 days and recorded the results in a table.

Mealworm	Mass of food left (g)
W	20
X	12
Y	10
Z	7

Which mealworm is most likely to be in the pupa stage?

- ✓ A) W
- B) X
- C) Y
- D) Z

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 11th Aug 2020

Last Modified: N/A
 QID#: 22,962,876

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

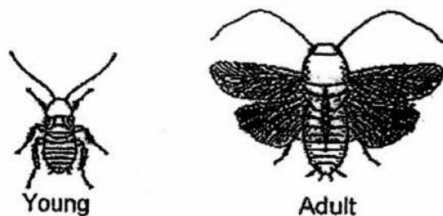
[Remove From Test](#)

Question 6

Primary 4 Science » Primary 4 Science (Term 1)

2 pts

The diagram below shows the young and adult of a cockroach.



Which of the following statements is/are correct about the young and the adult?

- A. Both have feelers.
- B. The young does not resemble the adult.
- C. The young does not have wings but the adult has wings.

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

Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Tue 11th Aug 2020
 Last Modified: N/A
 QID#: 22,962,912

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

[Remove From Test](#)

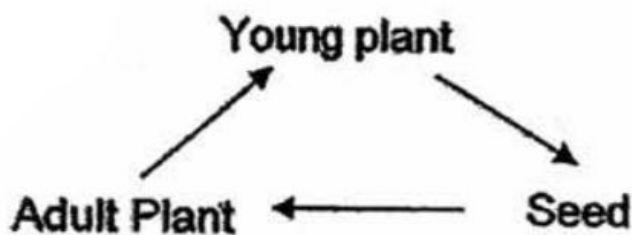
Question 7

Primary 4 Science » Primary 4 Science (Term 1)

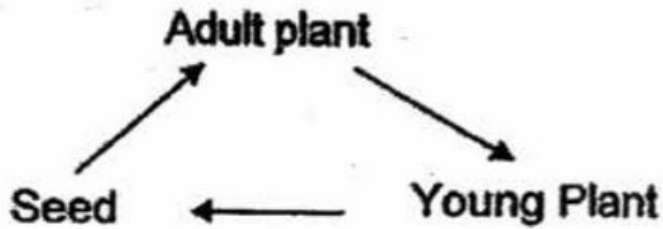
2 pts

Which one of the following shows the correct order of stages in the life cycle of a flowering plant?

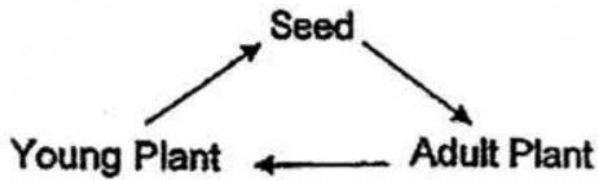
A)



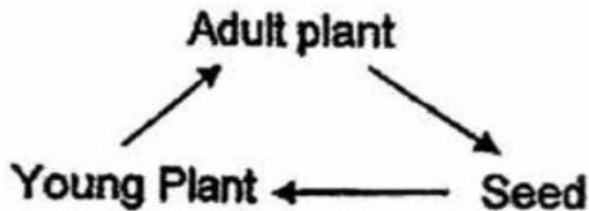
B)



C)



✓ D)



Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Tue 11th Aug 2020
 Last Modified: N/A
 QID#: 22,962,935

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

[Remove From Test](#)

Question 8

Primary 4 Science » Primary 4 Science (Term 1)

2 pts

The following statements show the different stages of a seed germinating into a seedling.

- A. The shoot grows upwards.
- B. The root grows downwards.
- C. The seedling develops its first leaves.
- D. The young plant uses sunlight to make food.

Which one of the following options shows the correct stages of growth?

A) **A → C → B → D**

✓ B) **B → A → C → D**

C) **C → A → D → B**

D) **C → D → A → B**

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 11th Aug 2020
Last Modified: N/A
QID#: 22,962,971

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

[Remove From Test](#)

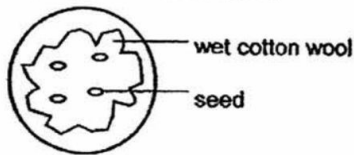
Question 9

Primary 4 Science » Primary 4 Science (Term 1)

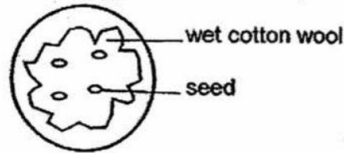
2 pts

Krishnan set up an experiment as shown in the diagram.

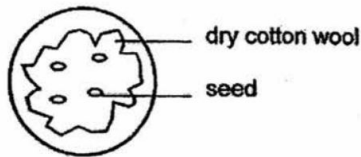
Set-up 1 (placed under light)



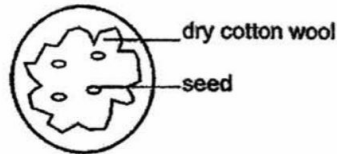
Set-up 2 (placed in the dark)



Set-up 3 (placed under light)



Set-up 4 (placed in the dark)



At the end of the experiment, he observed that only the seeds in set-up 1 and set-up 2 grew into seedlings.

What can Krishnan infer from his observations?

- A) Seeds need light to germinate.
- B) Seeds need warmth to germinate.
- ✓ C) Seeds need water to grow into seedlings.
- D) Seeds need water, light and cotton wool to grow into seedlings.

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 11th Aug 2020
Last Modified: N/A
QID#: 22,962,990

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

[Remove From Test](#)

Question 10

Primary 4 Science » Primary 4 Science (Term 1)

2 pts

Which of the following is not a matter?

- A) air

- ✓ B) heat
C) sand
D) water

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 11th Aug 2020
Last Modified: N/A
QID#: 22,963,017

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

[Remove From Test](#)

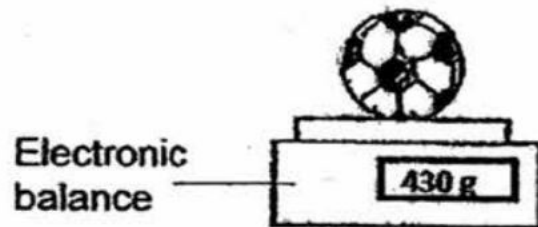
Question 11

Primary 4 Science » Primary 4 Science (Term 1)

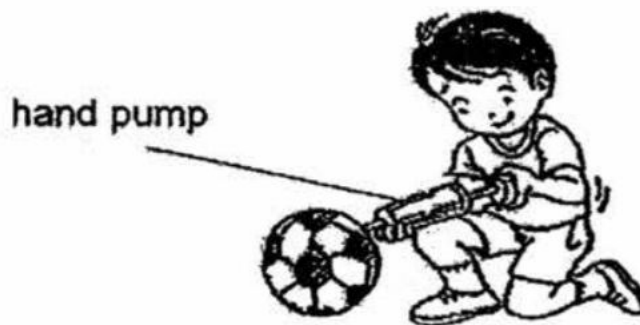
2 pts

Sam did an experiment as shown in the diagram below. First, he measured the mass of a ball using an electronic balance and recorded it. Next, he pumped more air into the ball using a hand pump. Then, he measured the mass of the ball again and recorded it.

First



Next



Which one of the following results is most likely to be Sam's set of readings and explanation?

A)

Mass of ball at first (g)	Mass of ball after more air was pumped in (g)	Explanation
430	410	Air has mass

B)

Mass of ball at first (g)	Mass of ball after more air was pumped in (g)	Explanation
430	430	Air takes up space

✓ C)

Mass of ball at first (g)	Mass of ball after more air was pumped in (g)	Explanation
430	445	Air has mass

D)

Mass of ball at first (g)	Mass of ball after more air was pumped in (g)	Explanation
430	450	Air takes up space

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 11th Aug 2020
Last Modified: N/A
QID#: 22,963,072

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

[Remove From Test](#)

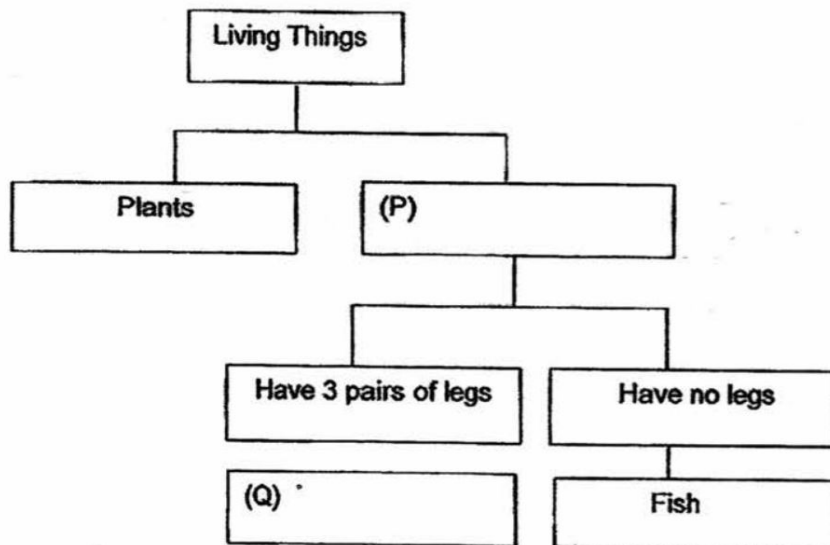
Question 12

Primary 4 Science » Primary 4 Science (Term 1)

1 pt

For each question, write your answers in the space provided.

Study the classification chart below.



Complete the classification chart above by filling in the boxes P and Q with suitable headings.

Accepted answers:

- ✓ P: Animals Q: Insects
- ✓ Animals, Insects
- ✓ Animals Insects
- ✓ P: Animals, Q: Insects
- ✓ P: Animals , Q: Insects
- ✓ (P) Animals, (Q) Insects
- ✓ (P) Animals , (Q) Insects

✓ (P) Animals (Q) Insects

Question Type: Free Text
Date Added: Tue 11th Aug 2020
Last Modified: N/A
QID#: 22,963,134

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

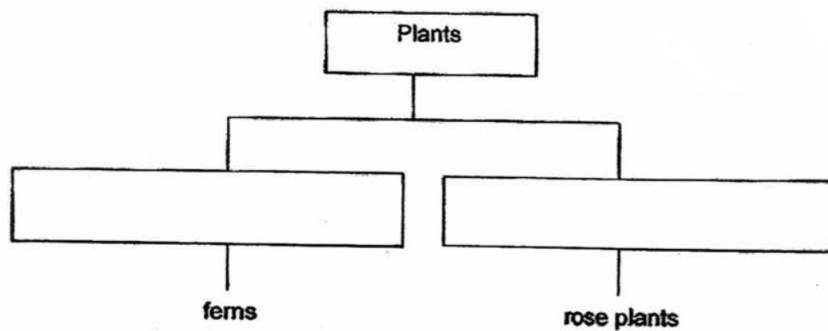
[Remove From Test](#)

Question 13

Primary 4 Science » Primary 4 Science (Term 1)

2 pts

How would you classify plants into two groups? Write your answers in the spaces provided.



Accepted answers:

- ✓ Non - flowering plant / Flowering plant
- ✓ Non - Flowering Plant, Flowering Plant
- ✓ Non-flowering Plant, Flowering Plant
- ✓ Non-flowering Plant , Flowering Plant
- ✓ non - flowering plant , flowering plant

Question Type: Free Text
Date Added: Tue 11th Aug 2020
Last Modified: N/A
QID#: 22,963,215

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

[Remove From Test](#)

Question 14

Primary 4 Science » Primary 4 Science (Term 1)

0 pts

Billy planted a seed and observed it for 5 weeks. The seed germinated and he measured the height of the seedling every week and recorded it over five weeks.

Week	Height (cm)
1	2
2	5
3	9

4	12
5	16

What characteristic of living things does the plant show?

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

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

Question Type: Essay
Date Added: Tue 11th Aug 2020
Last Modified: N/A
QID#: 22,963,405

Correctly answered feedback

Living things grow.

Incorrectly answered feedback

Living things grow.

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

[Remove From Test](#)

Question 15

Primary 4 Science » Primary 4 Science (Term 1)

0 pts

Billy planted a seed and observed it for 5 weeks. The seed germinated and he measured the height of the seedling every week and recorded it over five weeks.

Week	Height (cm)
1	2
2	5
3	9
4	12
5	16

In week 10, another similar young plant was observed to be growing beside Billy's plant. Other than your answer in the previous question, state another characteristic of living things shown here.

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

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

Question Type: Essay
Date Added: Tue 11th Aug 2020
Last Modified: N/A
QID#: 22,963,438

Correctly answered feedback

Living things reproduce.

Incorrectly answered feedback

Living things reproduce.

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

[Remove From Test](#)

Question 16

Primary 4 Science » Primary 4 Science (Term 1)

0 pts

The picture below shows a caterpillar.



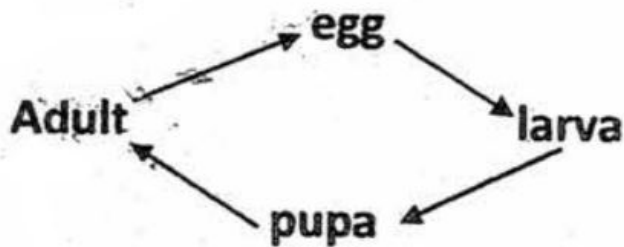
A caterpillar is the young of an insect. Draw the life cycle of the insect in the space provided.

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

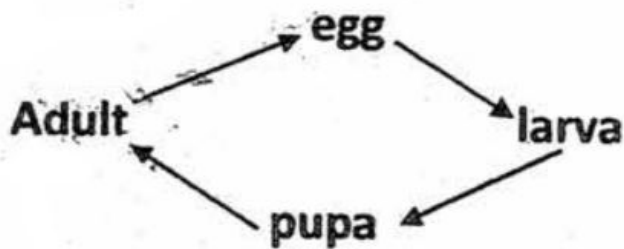
Grading: This question type is not graded on this system and will not affect the final score as it was designed in such a way that it requires manual assistance.

Question Type: Essay
Date Added: Tue 11th Aug 2020
Last Modified: N/A
QID#: 22,963,473

Correctly answered feedback



Incorrectly answered feedback



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

[Remove From Test](#)

Question 17

Primary 4 Science » Primary 4 Science (Term 1)

0 pts

The picture below shows a caterpillar.



The adult of the caterpillar lay their eggs on the leaves of some plants. Give a reason why they lay their eggs there.

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

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

Question Type: Essay
Date Added: Tue 11th Aug 2020
Last Modified: N/A
QID#: 22,963,583

Correctly answered feedback

The butterflies lay their eggs on leaves so that the caterpillar can feed on the leaves.

Incorrectly answered feedback

The butterflies lay their eggs on leaves so that the caterpillar can feed on the leaves.

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

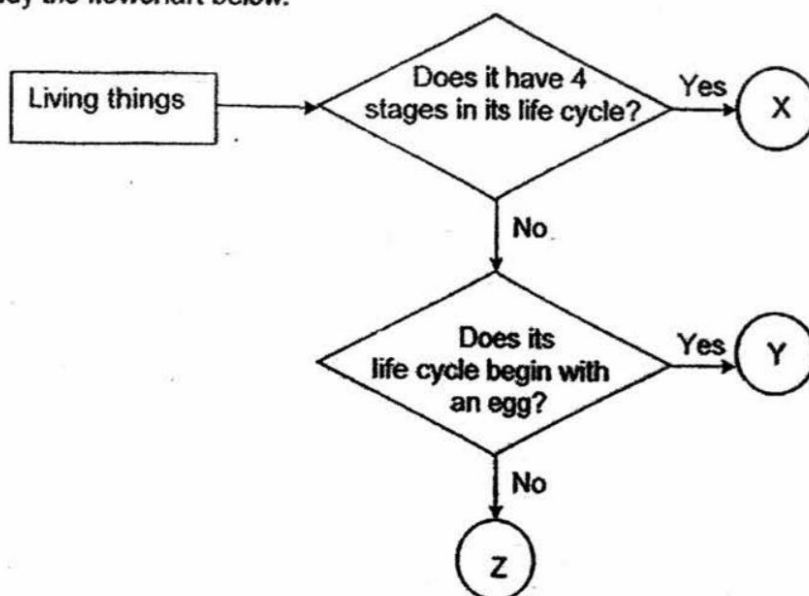
[Remove From Test](#)

Question 18

Primary 4 Science » Primary 4 Science (Term 1)

2 pts

Study the flowchart below.



Based on the flowchart above, which of the letters X, Y and Z represent the following things?

Clue

Match

Plant: Z

Points: +1 -0

Frog: Y

Points: +1 -0

Incorrect match option X

Question Type: Matching
Shuffle Mode: Shuffle Matches Only
Date Added: Tue 11th Aug 2020
Last Modified: N/A
QID#: 22,963,650

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

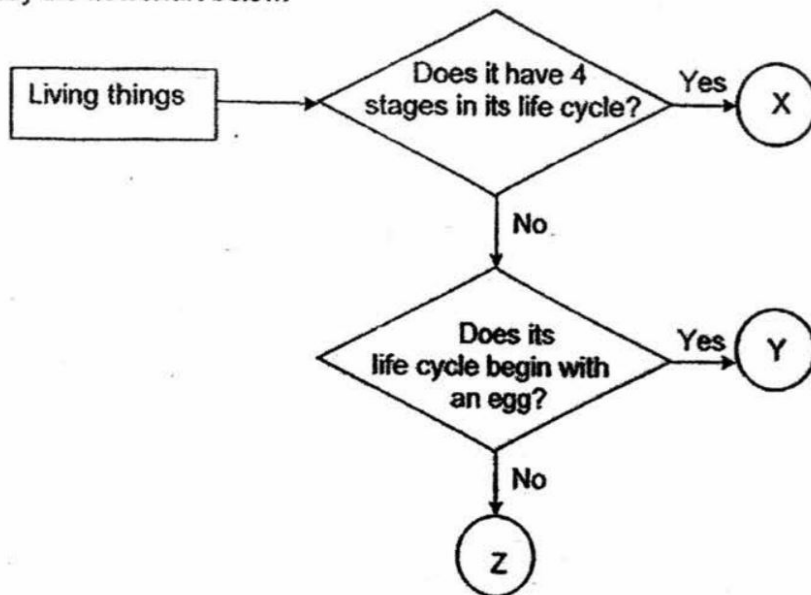
[Remove From Test](#)

Question 19

Primary 4 Science » Primary 4 Science (Term 1)

0 pts

Study the flowchart below.



Based on the flowchart, what is the difference between X and Z?

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

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

Question Type: Essay
Date Added: Tue 11th Aug 2020
Last Modified: N/A
QID#: 22,963,681

Correctly answered feedback

X has 4 stages in its life cycle while Z does not have 4 stages in its life cycle.

Incorrectly answered feedback

X has 4 stages in its life cycle while Z does not have 4 stages in its life cycle.

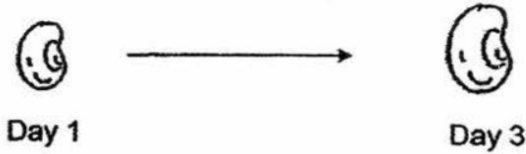
[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)[Remove From Test](#)

Question 20

Primary 4 Science » Primary 4 Science (Term 1)

0 pts

Kai Li placed a seed in a container of moist cotton wool for three days. She observed the seed and drew her observations below.



Explain what has caused the seed to increase in size.

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

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

Question Type: Essay
Date Added: Tue 11th Aug 2020
Last Modified: N/A
QID#: 22,963,710

Correctly answered feedback

It is because the seed absorbed water from the moist cotton wool.

Incorrectly answered feedback

It is because the seed absorbed water from the moist cotton wool.

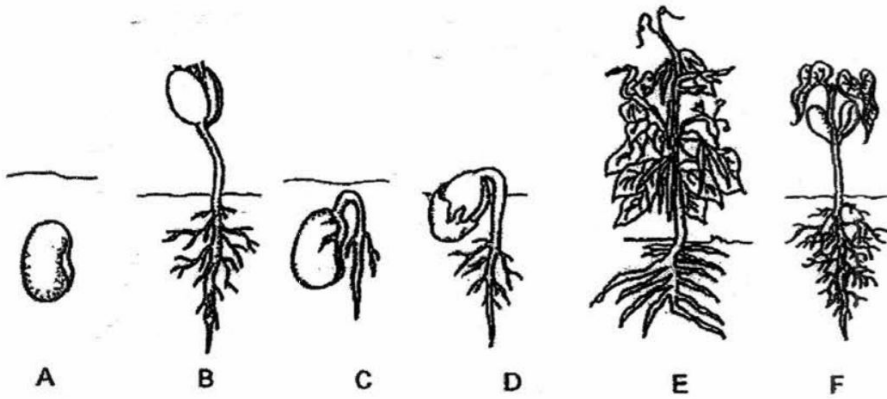
[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)[Remove From Test](#)

Question 21

Primary 4 Science » Primary 4 Science (Term 1)

1 pt

The following pictures show the different developmental stages of growth of the seed into a plant.



Rearrange the above stages (A to F) in the correct order. The first letter 'C' is already done for you. [1]



Accepted answers:

- ✓ D, B, F, E, A
- ✓ C, D, B, F, E, A
- ✓ D, B, F, E, A
- ✓ D B F E A
- ✓ C D B F E A
- ✓ c, d, b, f, e, a

Question Type: Free Text
 Date Added: Tue 11th Aug 2020
 Last Modified: N/A
 QID#: 22,963,791

Correctly answered feedback

C→D→B→F→E→A

Incorrectly answered feedback

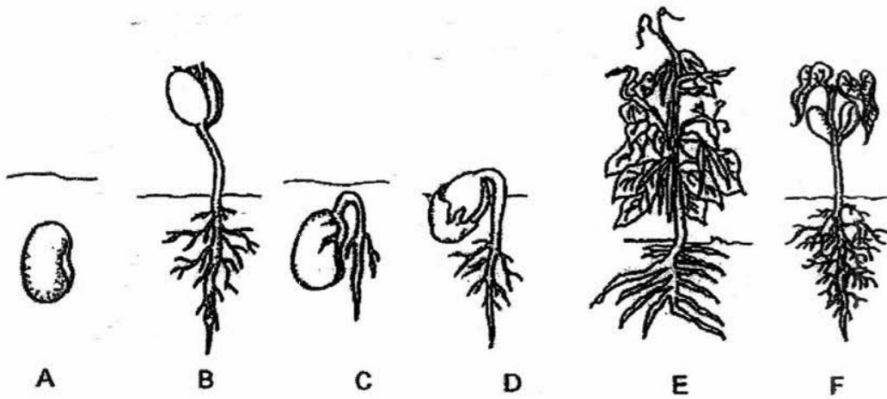
C→D→B→F→E→A

Question 22

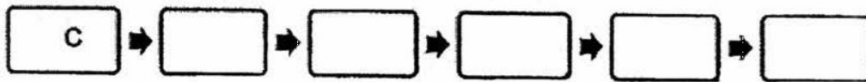
Primary 4 Science » Primary 4 Science (Term 1)

0 pts

The following pictures show the different developmental stages of growth of the seed into a plant.



Rearrange the above stages (A to F) in the correct order. The first letter 'C' is already done for you. [1]



At which stages (A to F) can the plant make its own food? State your reason why.

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

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

Question Type: Essay
 Date Added: Tue 11th Aug 2020
 Last Modified: N/A
 QID#: 22,963,836

Correctly answered feedback

Stages E and F. The seedlings have grown leaves to make food.

Incorrectly answered feedback

Stages E and F. The seedlings have grown leaves to make food.

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

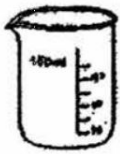
[Remove From Test](#)

Question 23

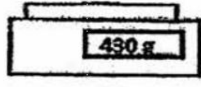
Primary 4 Science » Primary 4 Science (Term 1)

1 pt

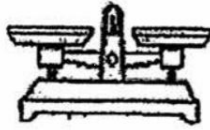
The diagrams below show some apparatus commonly used in Science experiments.



A



B



C



D

Which two apparatus (A, B, C, D) are used to measure the mass of objects?

- A) A
 ✓ B) B
 ✓ C) C
 D) D

Question Type: Multiple Response
Randomize Answers: No
Grade style: Full points if all answers are correct
Date Added: Tue 25th Aug 2020
Last Modified: Tue 25th Aug 2020
QID#: 23,240,614

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

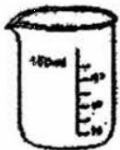
[Remove From Test](#)

Question 24

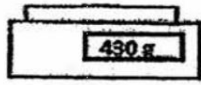
Primary 4 Science » Primary 4 Science (Term 1)

0 pts

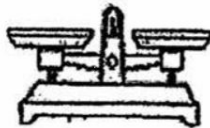
The diagrams below show some apparatus commonly used in Science experiments.



A



B



C



D

What do the other two apparatus (A and D) measure?

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

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

Question Type: Essay
Date Added: Tue 11th Aug 2020
Last Modified: N/A
QID#: 22,963,930

Correctly answered feedback

They find the volume of things.

Incorrectly answered feedback

They find the volume of things.

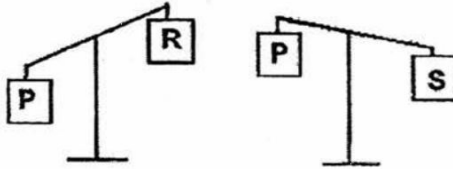
[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)**Question 25**

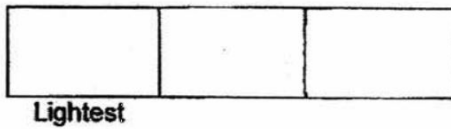
Primary 4 Science » Primary 4 Science (Term 1)

1 pt

Joe was given a lever balance. He used it to compare the masses of three objects as shown in the diagram below.



Study the diagram carefully and arrange the objects, P, R and S according to their masses from the lightest to the heaviest.



Accepted answers:

- ✓ R P S
- ✓ R, P, S
- ✓ R , P , S
- ✓ R,P,S

Question Type: Free Text

Date Added: Tue 11th Aug 2020

Last Modified: Tue 25th Aug 2020

QID#: 22,964,022

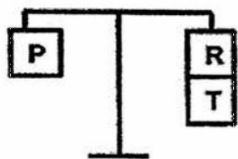
[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)**Question 26**

Primary 4 Science » Primary 4 Science (Term 1)

0 pts

Joe placed another object, T, on the first lever balance together with R. The diagram below shows what he observed..



What can you infer about the mass of P, R and T from the observation above?

This

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

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

Question Type: Essay
Date Added: Tue 11th Aug 2020
Last Modified: N/A
QID#: 22,964,072

Correctly answered feedback

The mass of P is more than the mass of R or T.

Incorrectly answered feedback

The mass of P is more than the mass of R or T.

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

[Remove From Test](#)