

L. 1. The Life Cycle of Animals

Fill in the blanks

1. The female butterfly lays eggs on the leaves of a plant
2. The larva of a butterfly is called a caterpillar

True or False

1. A lamb emerges from an egg. False
2. We cannot easily see the eggs of an ant because they are very tiny. True
3. When the caterpillar emerges from the egg, it is not very hungry. False

Answer in brief

1. Why must the hen sit on her eggs?

Ans. Warmth is necessary for the chicks to grow inside the eggs. So, the hen sits on her eggs to keep them warm.



2. Why does a hen become aggressive when she is hatching her eggs?

Ans A hen becomes aggressive when she is hatching her eggs because she fears for the safety of her eggs.

3. Which are the four stages of the life cycle of a butterfly?

Ans The four stages of the life cycle of a butterfly are egg, larva or caterpillar, pupa, adult.

4. Which changes take place inside the chrysalis of the Plain Tiger butterfly?

Ans Inside the chrysalis the body of a butterfly grows completely.

i) It develops four attractive wings and six long legs



L. 2 - The Inter-relationships between Living Things

Think and tell.

1. If water collects in fields due to heavy rains, the crops growing there rot. Why?

Ans The roots of the crops which are standing soil, start rotting. As the roots rot, slowly the plant also rots. The grains which are developing on the crops may fall off due to strong rain and wind. Due to this the rotting becomes more rapid. In this way, the heavy rains cause great damage to the standing crop.

Answer the following

1. How are plants useful to us?

Ans The plants give us food grains, vegetables, fruits, flowers etc. Plants also provide us with fibres like cotton wool. We can make clothes from these plant fibres. Plants give us oxygen. They also provide materials like wood to us for making our shelter.

2. What is meant by arboreal animals?

Ans Arboreal means those living in trees. Arboreal animals are those animals that live in the trees and feed on the fruits or insects therein. Arboreal animals take support of the trees to live. Monkeys, squirrels are arboreal animals.

3. What changes do we see in trees at the beginning of March?

Ans. In the beginning of March there is a change in the season from winter to summer. Therefore, many trees are seen with new leaves. Forest trees take up copper colour because new and tender leaves look reddish and shiny. These are the changes that occur in trees as the weather starts becoming warmer.

Fill in the blanks

1. After rainy, winter comes again
2. We keep animals because animals meet some of our needs
3. We spray insecticides to prevent insects from attacking plants.
4. Winter is also known as the season of prangal

True or False

1. There are no diff



L-3. Storage of water

Answer in short.

1) Why should we store water?

Ans Since the rainy season lasts only for three or four months, we need to store water for our needs.

2) What were the traditional ways of storing water in the house?

Ans The Draw-wells were the traditional ways of storing water in the house.

3) What is a dam built on?

Ans A dam is built on a river.

4) What must we keep in mind while using water?

Ans While using water, we must keep in mind that water is a natural resource. All living things need water.

5) What is water pollution?

Ans A fall in quality of water is known as water pollution.

6) How can water be saved in places with water shortage?

Ans Water can be saved in places with water shortage by the following ways:

- Building tanks, reservoirs, wells etc.
- Using stored water economically.



- c) What good habits must we cultivate in order to use water economically?
- Ans) We must cultivate the following good habits in order to use water economically:
- i. Turn off the tap when not in use.
 - ii. Inform an elderly person about a leaky tap and get it repaired.
 - iii. Take as much as water needed for drinking.

Find out

1. Which Fruits are the following places in Maharashtra Famous for?

PLACES		FRUITS	
1. Nagpur	-	Oranges	
2. Gholvad	-	Chiknas	
3. Saswad	-	Figs	
4. Dengad	-	Mangoes	
5. Jalgaon	-	Bananas	

Answer the following

1. How are plants useful to us?

Ans Plants give us food grains, vegetables, fruits, flowers, cotton, wood, medicine, oxygen etc.

2. What is meant by 'arboreal' animals?

Ans 'Arboreal' animals are those animals who live on trees and feed on fruits.

3. What changes do we see in trees at the beginning of March?

Ans At the beginning of March many trees get new tender leaves.



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Shot with my Galaxy A50

Fill in the blanks.

1. After ~~rainy season~~ winter comes again.
2. We keep animals because animals meet some of our needs.
3. We spray pesticides to prevent insects from attacking plants.
4. Winter is also known as the season of ~~poongal~~.

Draw the rainbow and colour it.

