

## Chapter- 5

# Animals and Plants

### STUDY NOTES

#### LET'S LEARN:

#### HOW ANIMALS ARE DIFFERENT FROM PLANTS:

Animals and plants are living things. They are different from each other in many ways.

#### Animals move about from place to place:

- ❖ Animals and birds moves from place to another in search of food.
- ❖ Plants make their own food.

#### Animals eat plants or other animals:

- ❖ Animals like cows and buffaloes eat grass.
- ❖ Animals like lions, tigers and cats eat other animals.
- ❖ Green Plants make their own food with the help of air, water and sunlight.
- ❖ Non-green plants like moulds and mushrooms get their food from dead and rotting matter.

#### Animals breathe through lungs, gills or air holes:

- ❖ Animals like horses, tigers and whales breathe through their lungs.
- ❖ Fishes breathe through their gills in water.
- ❖ Insects like cockroaches, flies and butterflies have air holes on their bodies which help them to breathe.
- ❖ Plants breathe through the tiny pores on their leaves.

**Animals have sense organs:**

- ❖ Animals have sense organs like skin, eyes, nose, ears and tongue.
- ❖ These organs help them to know about the world around them.
- ❖ Plants do not have sense organs.

**Animals reproduce by laying eggs or by giving birth to young ones:**

- ❖ Some animals like birds and snakes lay eggs.
- ❖ Some animals like cats and cows give birth to their young ones.
- ❖ Most plants produce seeds. These seeds give rise to new plants.
- ❖ Some new plants grow from part of the plant like stem and roots.

**Animals and Plants depend on each other.**

- ❖ Though animals and plants are different from each other, they depend on each other to live.
- ❖ If there are just enough plants, just enough plant-eating animals, and just enough flesh-eating animals in the world there is a balance in nature.
- ❖ When there are too few animals of a kind, like the tiger, when we cut down too many trees without planting new ones the balance gets disturbed.
- ❖ So we should protect animals like tiger and should also grow more trees.

**Teacher's Note:**

Make album of plants and animals showing their features.

**Improve your G.K:**

- ❖ The Earth has more than 80,000 species of edible plants.
- ❖ 80 percent of the foods humans eat come from just 30 plants.
- ❖ 70,000 plant species are utilized for medicine.
- ❖ 80 percent of the Earth's original forests have been cleared or destroyed.
- ❖ Squirrels are responsible for planting thousands of trees worldwide.
- ❖ An Octopus has three hearts, nine brains, and blue blood.

**LET US ANSWER****A. Tick (✓) the correct answer.**

1. These animals eat other animals.
  - a. lions and tigers
  - b. cows and buffaloes
  - c. lions and cows.
2. Moulds and mushrooms are
  - a. green plants
  - b. non-green plants
  - c. green animals
3. Most plants breathe through tiny pores on their
  - a. flowers
  - b. roots
  - c. leaves
4. These animals lay eggs.
  - a. horses and tigers
  - b. birds and snakes
  - c. cats and cows
5. We share this beautiful world with
  - a. only plants
  - b. only animals
  - c. plants and animals.

**B. Use colored pencils to match the picture with correct statements**

1. Plants cannot make food without this.
2. This animal breathes through its gills
3. It grows from a seed
4. Most Plants breathe through these

**C. Say, whether it is a plant or an animal**

1. It has sense organs to know about the world around it. \_\_\_\_\_.
2. It can make its own food in the presence of sunlight. \_\_\_\_\_.
3. It breathes through lungs. \_\_\_\_\_.

4. It moves from one place to another. \_\_\_\_\_.

**D. Answer these questions.**

1. Why do animals move from place to place?
2. From where animals get their food?
3. Mention three different ways by which the living things breathe.
4. Mention the two ways by which the animals reproduce.
5. How is the balance maintained in nature?

**ANSWER KEY:**

**A. Tick (✓) the correct answer.**

- 1 - a
- 2 - b
- 3 - c
- 4 - b
- 5 - c



**B. Use colored pencils to match the picture with correct statements.**

1. Plants cannot make food without this.
2. This animal breathes through its gills
3. It grows from a seed
4. Most plants breathe through these



**C. Say, whether it is a plant or an animal**

1. animal
2. plant
3. animal
4. animal

**D. Answer these questions.**

1. Animals moves from place to place in search of food.
2. Animals get their food from plants as well as from other animals. Some animals like cow and elephant eat plants like grass and sugarcane and animals like lion and tiger eat other animals like deer and rabbit.
3. Animals like Horses and Tigers breathe through their lungs, fish breathe through its gills, insects like butterflies and flies breathe through air holes on their bodies.
4. Some animals like birds and snakes lay eggs. Some animals like cats and cows give birth to their young ones.
5. We should protect animals and grow more trees to maintain balance in nature.

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