



# CLASS -III

# SUBJECT :SCIENCE

# Parts of a Plant





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~~ We share this beautiful world with

a) only plants b) only animals c) plants and animals ✓





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B. Match the followings.

- |  |             |    |
|--|-------------|----|
| 1. Plants cannot make food without this    | a. fish     | 2  |
| 2. This animal breathes through its gills. | b. tree     | 3  |
| 3. It grows from a seed                    | c. Sunlight | 1. |
| 4. Most plants breathe through these       | d. Stomata  | 4  |

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

- |   |               |
|---|---------------|
| 1. It has sense organs to know about the world around it. | <u>animal</u> |
| 2. It can make its own food in the presence of sunlight.  | <u>plant</u>  |
| 3. It breathes through lungs.                             | <u>animal</u> |
| 4. It moves from one place to another.                    | <u>animal</u> |





Q 5.

Inside Questions

1. Why doesn't a ripe mango come down when you call it?

Ans: A ripe mango does not come down when we call it because it cannot move on its own.

2. Why does a lion roam about in a jungle?

Ans: A lion roams about in a jungle in search of food.

3. Where do moulds and mushrooms get their food from?

Ans: Moulds and mushrooms get their food from dead and rotting matter.





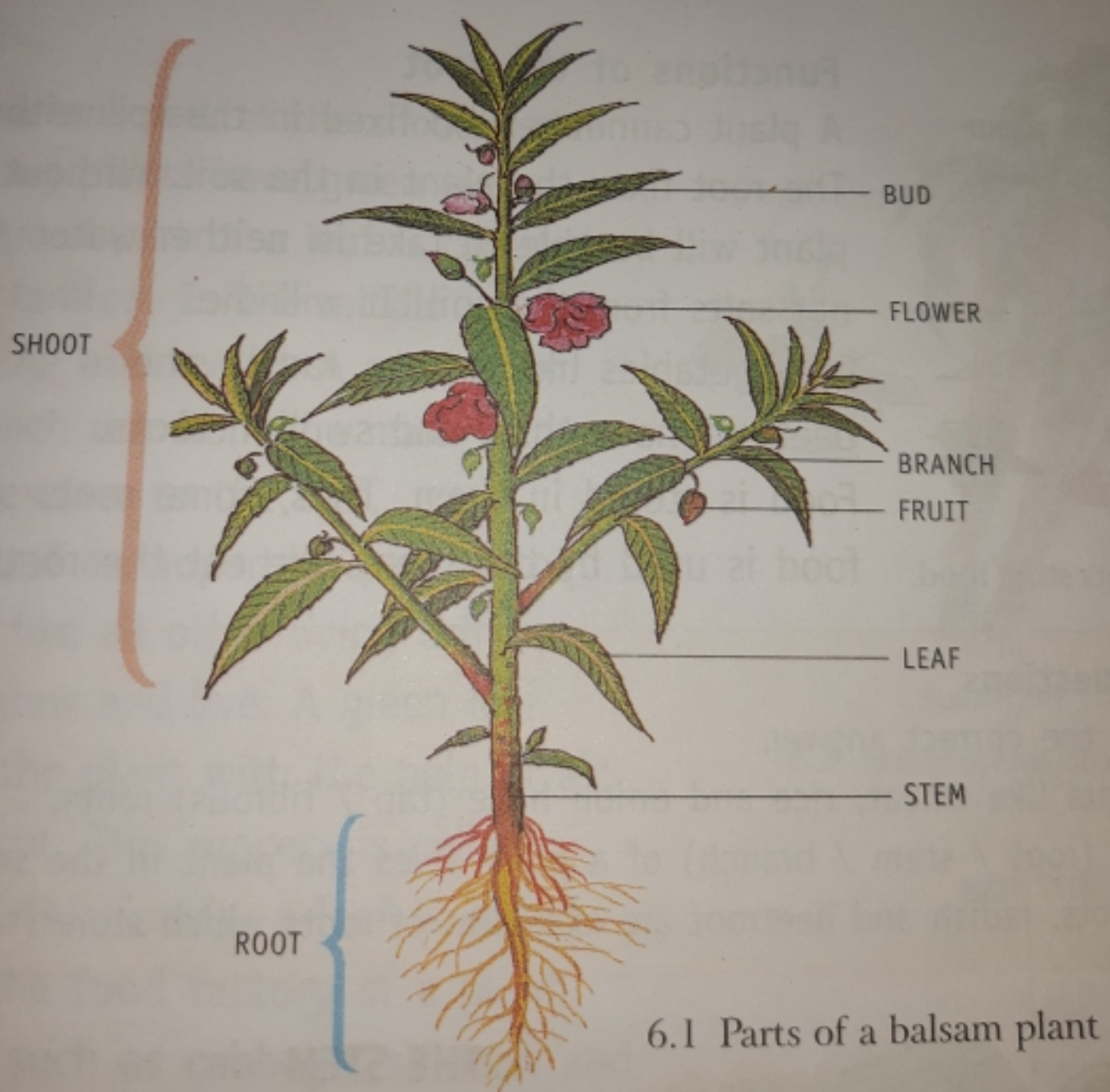
Q. How do the sense organs help?  
Ans. Sense organs help animals to know about the world around them.

Q. How do seeds help plants?  
Ans. Seeds give rise to new plants in this way seeds help plants to reproduce.

Q. When does the balance in nature gets disturbed?

Ans. When there are too few animals of a kind, like the tiger and when we cut down too many trees without planting new ones, the balance in nature gets disturbed.





6.1 Parts of a balsam plant





## Parts of a plant

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Our body is made up of different parts. A plant's body too has different parts.

Read the names of the different parts of a plant in Figure 6.1.

### SHOOT AND ROOT

The part of a plant which grows above the ground is called the shoot. The part which grows below the ground is called the root. The shoot has stem, branches, leaves, buds, flowers and fruits.

### THE ROOT

There are two types of roots, tap root and fibrous root.

Tap root: When a main root grows from the end of the stem and many small roots grow from the main root, it is a tap root.

Plants like the balsam, bean and mustard have tap roots.

Fibrous root: When a number of roots grow from the end of the stem, it is a fibrous root. Plants like grass, wheat, rice and onion have fibrous roots.





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## Functions of the root.

A plant cannot remain fixed in the soil without roots.

The root fixes the plant in the soil. Without roots, a plant will be able to take in neither water nor salts from the soil. It will die.

Vegetables like carrots, radish and beetroot have thick and swollen roots. Food is stored in them. Thus, some roots store food. This food is used by the plant. We eat the roots of such plants.

## ORAL QUESTIONS

Choose the correct answer.

1. Plants like wheat, rice and onion have (tap/fibrous) roots.
2. The (root/stem/branch) of a plant fixes the plant in the soil.
3. Carrots, radish and beetroot are examples of roots which store (salts/food).

