

# VIDYA BHAWAN BALIKA VIDYAPEETH

## STUDY MATERIAL SCIENCE

### CLASS-VI

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Teacher : Poonam Kumari

#### ► Plants :

**Flowering Plants:** Plants which bear flowers are called flowering plants. Their bodies are divided into roots, stem, leaves and bear flowers and fruits.

**Herbs, shrubs and trees:** Plants are usually grouped into herbs, shrubs and trees on the basis of their heights, stem and branches:

- (a) Herbs: Plants with green and tender stem are called herbs. They are usually short and sometimes do not have branches.
- (b) Shrubs: Some plants have branches arising from the base of the stem. The stem is hard but not very thick. They are called shrubs.
- (c) Trees: Some plants are very tall and have hard and thick stem. They have branches arising from upper part of the stem. They are called trees.

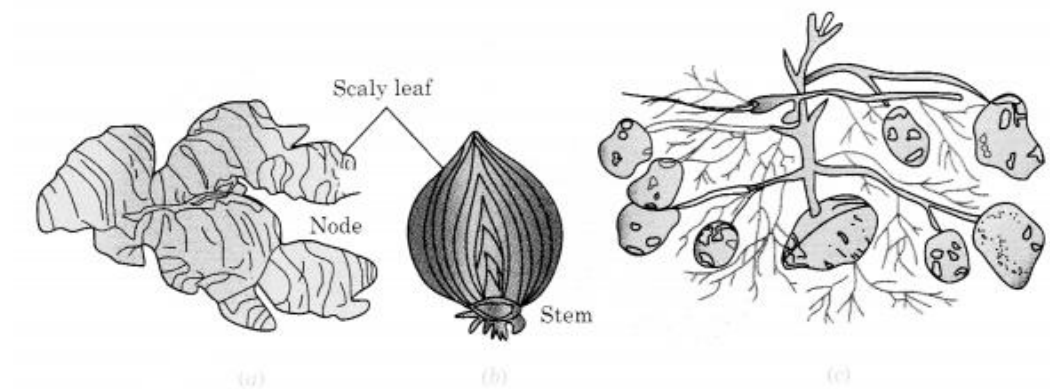


(a) Herb, (b) Shrub and (c) Tree

**Creepers and climbers:** The stem of some plants are very thin and weak. They either lie on the ground or need support to stand up. They are called creepers and climbers respectively.

## Stem

- It bears leaves, buds, flowers, fruits, etc.
- The stem conducts water from the roots to the leaves and to the other parts and food from leaves to the roots and other parts of the plant.
- Potato, yams, ginger, onion, etc. though present in the soil, are actually stem and store food within them.



Modified underground stem: (a) Ginger, (b) Onion and (c) Potato