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Write the Notes

Parts of a Plant and Their Functions

► **THE ROOT SYSTEM** – It is located below the ground, responsible for absorbing water and minerals from the soil as well as give firmness to the whole plant/tree. The root system includes organs such as the roots, tubers, and rhizomes

► **THE SHOOT SYSTEM** – It is located above the ground, helps plants make their food by the process of photosynthesis. The shoot system includes the organs such as stem, branches, leaves, flowers (in the flowering plant), and fruits (if the plant has any).

► ROOT

The root is located below the ground. It helps to anchor the plant to the ground so it does not fall over. It absorbs water and nutrients from the soil and sends it to the stem.

► STEM

Stem performs much vital work for the whole plant. They support the plant and hold it up towards the light. Stem acts like the plant's transportation system. It receives water and minerals from the root and distributes it among all other parts of the plant.

► LEAF

A leaf is usually green, flat lateral structure attached to a stem. The leaf is known as a plant food factory because it prepares food for the entire plant through the process of photosynthesis.

► FLOWER

Flowers are the reproductive organ of flowering plants. It makes seeds, which become new plants.

► FRUIT

A fruit is part of a flowering plant which protect the seeds by covering it.

► SEED

A seed is the reproductive part of a plant. It is the part of the plant that we put in the ground and from which a new plant grows.