

DR. R. N. INTERNATIONAL SCHOOL

UNDER THE AGIS OF S. S. SITARAMSINGH EDUCATIONAL AND CHARITABLE
TRUST

MOHANPUR, SITAMARHI- 843302

2: Parts of a Plant

Word Meanings :-

Soil erosion मिट्टी का कटाव

Prevent रोकना / बचाव करना

Nutrients पोषक तत्व

Absorb सोखना / अवशोषित करना

Upright सीधा / खड़ा

Transportation परिवहन / यातायात

Trunk तना

Usually आमतौर पर / सामान्यतः

Delicate नाज़ुक / कोमल

Across आर-पार / सेक

Essential आवश्यक / अनिवार्य

Formation गठन / निर्माण

Condition स्थिति

Germination अंकुरण

A. Tick (✓) the Correct Option

1. **What are the basic parts of plants?**

- a) Flowers and Fruits
- b) Stems and leaves
- **c) Roots, Stems, leaves, Flowers, fruits and Seeds ✓**
- d) Trunks and branches

2. **Where does the root system of a plant grow?**

- a) Above the ground
- b) In the air
- **c) Under the ground ✓**
- d) On Water Surface

3. **Which type of root system has many tiny and bushy roots?**

- a) Taproot System
- **b) Fibrous root System ✓**
- c) Single-root System
- d) Branched root system

4. **What is the main function of a stem in a plant?**

- a) Absorbing Sunlight
- b) Storing food and water
- **c) Transporting water and nutrients ✓**
- d) Fixing the plant in the Soil

5. **What gives leaves their green colour?**

- a) Oxygen
- b) Carbon dioxide
- **c) Chlorophyll ✓**
- d) Nitrogen

B. Fill in the blanks.

1. The **shoot** system of a plant grows above the ground.
 2. Roots absorb **water** and **nutrients** from the soil.
 3. **Taproot** system has one thick root with small roots growing from it.
 4. The stem provides support to the plant by holding it **upright**.
 5. Leaves have tiny openings called **stomata**.
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C. Write T for True statements and F for False statements.

1. Flowers help plants reproduce through photosynthesis. **F**
 2. Most flowers eventually grow into fruits. **T**
 3. The process by which a seed grows into a baby plant is called germination. **T**
 4. Seeds are protected by a layer called the seed coat. **T**
 5. Some stems, like those of cacti, can store food and water. **T**
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D. Answer the following questions.

1. **Describe the function of roots in plants.**

- **Ans:** Roots fix the plant in the soil. They absorb water and minerals from the ground to keep the plant alive.

2. **How do stems help plants survive and grow?**

- **Ans:** Stems support the plant and hold it upright. They act like a transport system, carrying water and food to all other parts.

3. **Explain why leaves are essential for plants.**

- **Ans:** Leaves are called the "food factory" because they make food for the plant using sunlight and air.

4. **What role do flowers play in the life cycle of plants?**

- **Ans:** Flowers help plants reproduce by making seeds and fruits. They attract insects for pollination and help in growing new plants.

5. **Why are seeds important for plants, and how do they spread to new places?**

- **Ans:** Seeds are important because they contain a baby plant. They spread by wind, water, or animals.