

Chapter-2

Topic: Parts of a plant

Month : April

GRADE:3

Subject: Science

I. New words

1. Taproot
2. Fibrous root
3. Germination
4. Photosynthesis
5. Reproduce
6. Transpiration
7. Minerals
8. Cotyledon
9. Stamen
10. Sepals
11. Stalk
12. Petals
13. Veins
14. Pistil
15. Leaf blade

Exercise

Short Answer Questions.

Q1. What is a root? Name the types of root.

Ans: A root is the part of a plant that grows under the ground.

Plants have two types of roots:

- (1) Taproot
- (2) Fibrous root

Q2. What is meant by seed germination?

Ans: Germination is the process by which a seed develops into a new plant.

Q3. Why is a flower important for a plant?

Ans: A flower is important for a plant because it produces fruits and seeds. It also helps the plant to reproduce.

Q4. Which part of the plant should you take care to get a seed and why?

Ans: We should take care of the fruit of a plant to get a seed because fruit protects the seed.

Q5. Which part of the plant acts like an elevator in carrying nutrients to different parts?

Ans: The stem acts like an elevator, carrying nutrients from the roots to different parts of the plant.

Long Answer Questions.

Q1. How is a taproot different from a fibrous root?

Tap Root: It is the single, main root that grows deep into the soil. Examples: mango tree, banyan tree, sunflower plant etc

Fibrous Root: A bunch of thin roots that spread out close to the surface. Examples: grass, onion etc

Q2. List three functions of a leaf.

Ans: The functions of a leaf are as follows:

1. It prepares food for the plant.
2. It helps the plant take in and give out air through stomata.
3. It gives out extra water from the plant.
4. It stores food in some plants. Examples are spinach, coriander, cabbage and mint. We eat these leaves as food.

Q3. How do you take care of plants?

Ans: Taking Care of Plants:

1. Water plants regularly.
2. Make sure that plants get proper sunlight and space to grow.
3. Add manure to the soil to provide nutrients for the plants. These nutrients help plants to grow.
4. Turn up the soil with a trowel regularly. It makes the soil porous. This helps the roots of the plants get air.

Diagram Based questions

1. Draw neat labelled diagram of Seed, Leaf and Flower.

