

CLASS-3

SUB- EVS

CH 5- ROOTS AND FLOWERS

Q.1 Tick the correct option:

1. This part of a plant grows underground.

(b) Root

2. It is an example of taproot.

(a) Carrot

3. It is the most beautiful part of a plant.

(a) Flower

Q.2 Fill in the blanks:-

1. The **taproot** has a thick centre and it goes straight downwards.

2. The **fibrous** root has many branches that spread out sideways.

3. All types of grasses have **fibrous** roots.

4. **Flowers** help in reproduction of the plants.

Q.3 Encircle the odd one out. Give reasons for your answer:-

1. Sepal Petal **Root** Stamen

Ans. Root is not a part of a flower and others are part of a flower.

2. grass wheat rice **carrot**

Ans. Carrot plants have taproot and others have fibrous root.

3. mango **grass** neem peepal

Ans. Grass is a herb and others are trees.

Grass has fibrous root and others have taproot.

Q. 4 Word Meaning :-

- 1. Shelter-** a place to live in.
- 2. Root system-** part of a plant that grows below the ground.
- 3. Shoot system-** part of a plant that grows above the ground.
- 4. Uprooted-** pull out of the ground.
- 5. Soil erosion-** removal of the top layer of soil through water or wind.
- 6. Scarcity-**shortage.
- 7. Reproduction-** to produce a new plant.
- 8. Marshes-** wet land covered with tall grasses.
- 9. Germination-** process of a seed start growing into a plant.

Q.5 Very short answer type questions:-

1. What kind of root does the mango tree have ?

Ans. Mango trees have taproot.

2. Which part of the flower attracts insects ?

Ans. Petals attract insects.

3. What does the fruit contain inside them ?

Ans. Fruit contains seeds inside them.

4. Who sells flowers ?

Ans. Florist sells flowers.

Q.6 Short Answer Type Questions :-

1. How does roots absorb water ?

Ans. *Roots of the plant spread deep in the soil to absorb water and minerals and then roots send it to the rest of the plant.*

2. What are the main parts of a flower ?

Ans. *Main parts of a flower are:-*

- Sepals- the green leaf that protects the bud.
- Petals- colourful part of flower that we see.
- Stamen- inside petals there are stalks with swollen tops called stamen.
- Carpel- it lies in the middle of a flower.

3. Why are flowers important for a plant ?

Ans. Flowers produces fruits which contains seeds inside them. Using that seeds we can grow a new plant. So flowers help in reproduction of plants.

Q.7 Long answer type questions :-

1. What are the various functions of roots ?

Ans. (i) Roots hold the plants firmly to the ground.

(ii) Roots absorb water and minerals from the soil.

(iii) Some roots store food(water and minerals) in them.

(iv) Roots prevent soil erosion by binding the soil particles.

2. How do people use flowers in their daily life ?

Ans. People use flowers in many ways:-

- At places to worship while praying.
- To express emotions on special days like birthday of anniversary.
- Flowers are used to make gulal during Holi festival.
- To make beautiful patterns on ground.
- Dry rose petals are used in sweet dishes like kheer or phirni.
- Flowers are used to make essential oils for making perfumes, soaps, shampoos, etc.