

19. Abdul in the garden

I. Fill in the blanks:

1. Abdul was helping his Abbu in the garden.
2. The pea plant has a delicate stem.
3. The roots of the grass are strong.
4. There is a law against cutting trees.
5. Banyan tree has roots that look like hanging branches.
6. Desert oak tree is found in Australia.
7. Climbers need support to grow.
8. Root holds the plant firmly to the ground.

II. Match the following:

1. Bean plant – Climber
2. Sugarcane – stem
3. Carrot – Root
4. Cabbage – leaf
5. Cauliflower – flower
6. Sweet potato – root

Homework – Draw the plant and label its parts

III. Answer the following:

1. What do plants need to grow?

Plants need air, water and sunlight to grow.

2. How does the root help the plant?

The root holds the plant firmly to the ground.

It also absorbs water and minerals from the soil for the plant to grow.

3. What are climbers?

Climbers are plants that cannot stand on their own.

They need a support of a stick or a tree.

Eg: Grape , Bean, Pea.. etc.

4. Name the different parts of the plants that we eat.

We eat the stem, root, seeds, leaves, flowers and fruits.

5. Why is it difficult to pull out grass from the ground?

It is very difficult to pull out the grass from the ground because its roots are very strong.

6. Write about desert plants.

The roots of the desert plants go deep into the ground till they reach water.

This water is stored in a tree trunk.

7. Write about desert oak tree.

- Desert oak tree is found in Australia.
- It grows almost as tall as your classroom wall.
- Its roots go down as much as 30 such trees laid in a line.
- It has very few leaves.
- Their roots grow deep into the ground in search of water.
- This water is stored in a tree trunk.
- When there is no water in the desert, the local people use to put a thin pipe into the trunk of the tree, to drink this water.

Homework – Paste pictures of any 5 living things and any 5 non – living things

IV. Answer in detail:

1. Write the differences between living things and non-living things.

S.No	Living things	Non – living things
1	Living things <u>grow</u>	Non – living things <u>do not grow</u>
2	Living things <u>respond to stimuli</u>	Non – living things <u>do not respond to stimuli</u>
3	Living things <u>move from one place to other</u>	Non – living things <u>do not move</u>
4	Living things <u>breathe</u>	Non – living things <u>do not breathe</u>
5	Living things <u>need food</u>	Non – living things <u>do not need food</u>
6	Living things <u>reproduce</u>	Non – living things <u>do not reproduce</u>
	Eg; <u>Plants, animals and human beings</u>	Eg: <u>Table, pencil, notebook...etc.</u>

2. Write about different kinds of root with neat diagrams.

The root holds the plant firmly to the ground.

There are two main types of root system.

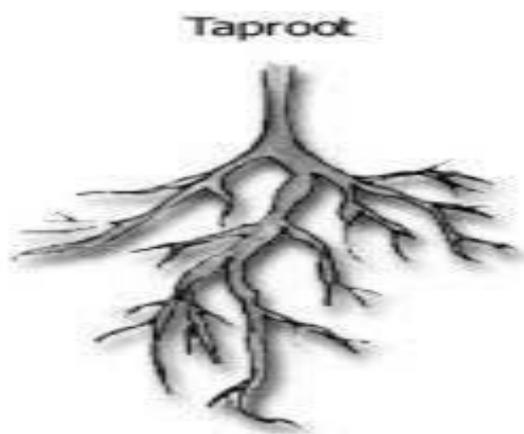
They are a) Tap root system

b) Fibrous root system

a) Tap root system:

The tap root system is one which consists of a main root and many lateral roots arising from the main root.

Eg: Mango tree, Neem tree, Jasmine plant...etc.



b) Fibrous root system:

Fibrous root system is one which consists of cluster of roots emerging from the stem of a plant.

Eg: Maize, Wheat, Paddy...etc.

