

Getting To Know Plants

I) Fill in the blanks :

1. Roots, stem and leaves constitute the _____ parts of the plant.
2. Flowers and fruits are the _____ parts of the plant.
3. _____ is the flat green part of a leaf.
4. _____ is the female reproductive organ of a flower.
5. The root system consisting a main root from which lateral roots develop is called _____
6. The pattern of veins on the leaf is called _____
7. Loss of water in the plants through stomata is called _____
8. A flower which has both male(stamen) and female(pistil) parts is known as a _____ flower.

II) Write True or False :

1. Dodder(cuscuta) is a flowering plant with a no leaf. []
2. A small plant with a green soft stem is called shrub. []
3. Pollen grains are fine dust-like particles produced inside anthers of a flower.[]
4. Leaves are attached to the stem at places called nodes. []
5. The stalk of a leaf is called pedicel. []

III) Name the following :

1. Two complete flowers.
2. Two incomplete flowers.
3. Two plants showing parallel venation.
4. Two climbers.

IV) Diagrams :

1. Tap root and Fibrous roots (Page :72)
2. Structure of a leaf (Fig 7.8 & 7.9 Pg :76)

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FILL IN THE BLANKS

- 1 The innermost part of a flower is called _____
- 2 Plants synthesis food by the process of _____
- 3 Plants with green tender stems are called _____
- 4 The pattern of veins on the leaf is called _____
- 5 The broad green part of the leaf is called _____
- 6 The part of a leaf by which it is attached to the stem is called _____

NAME THE FOLLOWING

1. Any two creepers . _____
- 2 Two types of root systems _____
3. Three types of plants _____
- 4 Two types of venation _____

TRUE OR FALSE

- 1 Ovary is a part of stem . _____
- 2 The stem help in holding the plant firmly in the soil. _____
- 3 Leaves give out water vapour through the process of transpiration. _____
- 4 Plants with weak stem that cannot stand upright and spread on the ground are called _____
- 5 Plants can carry out photosynthesis without carbon dioxide. _____

DEFINE THE FOLLOWING

- 1 Herbs 2 shrub 3 tree 4 Creeper 5 climber 6 venation
- 7 photosynthesis 8 transpiration

DISTINGUISH BETWEEN THE FOLLOWING

- 1 Taproot system and fibrous root system
- 2 Reticular venation and parallel venation
- 3 Roots and stem
- 4 Herbs , Shrubs and Trees

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