

Exercises

SECTION I

A. Name the following.

1. The part of the plant that absorbs nutrients and water from soil
2. The main part of the shoot
3. These help the plant to take in air
4. The part of the plant that changes into fruit
5. The gas given out by leaves

..... Root.....
..... Stem.....
..... Stomata.....
..... Flower.....
..... Oxygen.....

B. Choose the correct option.

1. The part of the plant generally found below the ground.
a. Leaf b. Root ✓ c. Fruit d. Shoot
2. Which of these is a function of the root?
a. It changes into flowers
b. It changes into fruits
c. It helps the plant to stay fixed into the soil ✓
d. It makes food.
3. Which of the following has fibrous roots?
a. Carrot b. Rice ✓ c. Mango d. Radish
4. Which of the following plant has a taproot?
a. Mango ✓ b. Grass c. Wheat d. Rice
5. What is the long tube running through the middle of a leaf called?
a. Stalk b. Vein c. Midrib ✓ d. Seed
6. Which of these are needed by a green leaf to make food?
a. Chlorophyll b. Sunlight c. Carbon dioxide d. All of these ✓

C. Write T for True and F for False. Correct the false statements.

1. Stomata is present in root.
2. Spinach leaves store food.
3. The stem transports water from the leaves to the roots.
4. An apple has a few seeds.
5. The gram is a dicot seed.

..F.....
..T.....
..F.....
..T.....
..T.....



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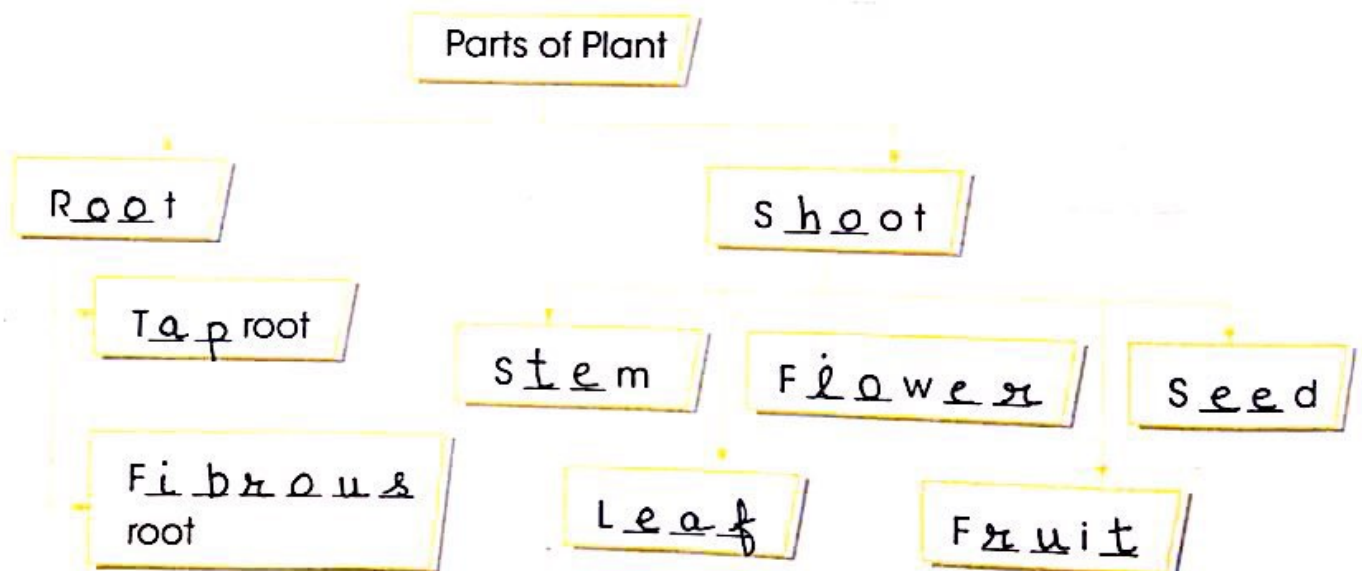
D. Match the following.

- | | |
|---------------------|---|
| 1. Fibrous root - e | a. Grows into new plants |
| 2. Leaves - d | b. Carry food from leaves to all parts of plant |
| 3. Stem - b | c. Maize |
| 4. Monocot seed - c | d. Kitchen of the plant |
| 5. Seed - a | e. Wheat |

E. Choose the correct option to fill in the blank.

1. Most fruits contain ...seeds.... (root/seeds).
2. Sunlight... (Sunlight/Oxygen) is needed for photosynthesis.
3. Mango hasone..... (one/many) seeds.
4. A grapevine has a weak ...stem.... (stem/leaf).
5. The life of plant starts with ...seed.... (stalk/seed).

F. Complete the names of the parts of a plant, in the space provided.



SECTION II

G. Define or explain the following terms.

- | | | |
|----------------|----------------|------------|
| 1. Chlorophyll | 2. Dicot seeds | 3. Root |
| 4. Shoot | 5. Germination | 6. Stomata |

H. Short answer questions

1. What is taproot?
2. What makes the leaves green?
3. Define a monocot seed.

Wrap Up

- Plants are of different types such as trees, shrubs, herbs, climbers, and creepers.
- Plants that are big and have a single, thick woody stem are called trees.
- Plants that are smaller than trees and have many thin, woody stems are called shrubs.
- Plants that are smaller than shrubs and have a thin, non-woody stem are called herbs.
- Climbers have weak stems and need the support of other plants, walls, and sticks for climbing.
- Creepers have weak stems with heavy fruits and grow along the ground.
- Radish and carrot are roots that we eat.
- Ginger and potato are stems that we eat.
- We eat fruits such as mango and watermelon.
- We also eat the leaves of plants such as spinach and cabbage, and seeds of plants such as rice, gram, and corn.
- The seeds of pepper, mustard, and cumin plants are used as spices in cooking.
- Oils that we get from plants are used for cooking and as hair oils.
- Parts of certain plants are used to make medicines.



Exercises

SECTION I

A. Name the following.

1. Plants smaller than shrubs with non-woody stem ...herbs...
2. Plants that grow along the ground ...creepers..
3. Single, thick woody stem of trees ...trunk.....
4. Plants that grow with support of walls or sticks ...Climbers

B. Give two examples of the following.

1. Plants that store food in roots ..Carrot..... ..radish.....
2. Medicinal plants ..tulsi..... ..neem.....
3. Edible seeds ..rice..... ..wheat.....



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4. Herbs

...mint..... ..spinach.....

5. Oilseeds

...mustard..... ..sunflower.....

C. Choose the correct option.

1. Grapevine is an example of a climber.

- a. Mint
- b. Grapevine ✓
- c. Spinach
- d. Banyan

2. We get oil from this fruit.

- a. Orange
- b. Mango
- c. Apple
- d. Coconut ✓

3. We eat the leaf of this plant.

- a. Cabbage ✓
- b. Rice
- c. Pear
- d. Coconut

4. We eat the roots of this plant as vegetable.

- a. Cherry
- b. Potato
- c. Mango
- d. Turnip ✓

5. Shrubs have many thin, woody stems near the ground.

- a. Herbs
- b. Climbers
- c. Shrubs ✓
- d. Trees

D. Write T for True and F for False. Correct the false statements.

1. Tea is a beverage.

..T.....

2. Broccoli is a flower that we eat.

..T.....

3. Cereals are called food grains.

..T.....

4. Watermelon and strawberry are examples of creepers.

..T.....

5. Shrubs have a single, non-woody stem.

..F.....

E. Choose the correct option to fill in the blank.

1. Beetroot and carrot (sugar cane/carrot) are examples of roots we eat.

2. We get tea, coffee, and sugar (sugar/water) from plants.

3. Rice is a cereal (cereal/spice).

4. Bean (Bean/Neem) is a climber.

5. The stem of turmeric (potato/turmeric) is used to make medicines.

F. Match the following.

- | | |
|------------------|-------------|
| 1. Nuts - f | a. Flour |
| 2. Beverage - c | b. Oil |
| 3. Mustard - b | c. Coffee |
| 4. Tulsi - e | d. Pulses |
| 5. Wheat - a | e. Medicine |
| 6. Chickpeas - d | f. Almond |

