

## Plants: Preparing and Storing Food

### Fill in the blanks: -

1. Sunlight helps in changing air and water into \_\_\_\_\_.
2. Plants store excess food in their \_\_\_\_\_, such as roots, tubers, and bulbs.
3. Plants need \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_ to prepare food.
4. The food prepared by the plants is in the form of a \_\_\_\_\_.
5. \_\_\_\_\_ is the green pigment in plants that absorbs light energy for photosynthesis.
6. \_\_\_\_\_ is formed by the double pipeline of cells.
7. Fruits and vegetables are examples of plant parts that humans eat for \_\_\_\_\_.
8. \_\_\_\_\_ is a process where plants lose water vapor through small openings called stomata.

### Define the following: -

Photosynthesis- \_\_\_\_\_

\_\_\_\_\_

Chlorophyll- \_\_\_\_\_

\_\_\_\_\_

Stomata- \_\_\_\_\_

\_\_\_\_\_

### Write short answers: -

What is stomata and what is its function?

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

What is midrib? How is it formed? What is its function?

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How do plants use their food?

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Why the leaves of a croton plant are red?

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Cactus does not have leaves. Where does it store food?

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Moulds and mushroom grow in areas which do not receive sunlight. How do they make their food?

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Explain with the help of a diagram, how energy flows from sun to human beings and animals?

[space for diagram]

Draw the diagram of a leaf and label the main parts of a leaf.

[space for diagram]

Draw a simple food chain involving a plant and an animal. Explain how energy flows through this chain.

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[space for diagram]

What will happen if there is a sudden increase in the number of animals?

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Why is it important to maintain a balance between the animals and plants?

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Fish live longer in an aquarium with water plants in it, than in one without them. Why?

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