

## Plants : Making and Storing Food

### I. Match the column:

- |                   |   |
|-------------------|---|
| (i) Stomata       | (a) food factory of the plant             |
| (ii) Leaf         | (b) through veins                         |
| (iii) Chlorophyll | (c) tiny holes in the underside of a leaf |
| (iv) Starch       | (d) green substance that traps sunlight   |
| (v) Water         | (e) stored food in plants                 |

### II. Fill in the blanks:

- (i) Photosynthesis is the process in which a plant makes \_\_\_\_\_ with the help of \_\_\_\_\_ from the soil and \_\_\_\_\_ from the air.
- (ii) The gas \_\_\_\_\_ is given out during this process, which we use for breathing.

### III. Answer the following questions:

- (i) Why are leaves green in color?
- (ii) Why is sunlight so important for a plant to make its food?
- (iii) Without chlorophyll food cannot be made. Why?
- (iv) Where do plants store their extra food?
- (v) How is the food prepared by plants used?

### Check the answers of the worksheet on how plants make food:

#### Answers:

- I. (i) Stomata (c) tiny holes in the underside of a leaf

- |                               |  |
|-------------------------------|--|
| (ii) Leaf                     | (a) food factory of the plant              |
| (iii) Chlorophyll<br>sunlight | (d) green substance that traps<br>sunlight |
| (iv) Starch                   | (e) stored food in plants                  |
| (v) Water                     | (b) through veins                          |

**II.** (i) food, water, carbon dioxide

(ii) oxygen

**III.** (i) Leaves are green in color because they have chlorophyll.

(ii) Sunlight is important because they provide the energy needed for a plant to make its food.

(iii) Without chlorophyll food cannot be made because chlorophyll traps the sunlight.

(iv) Plants store their extra food as starch in roots, stems, leaves, fruits and seeds.

(v) The food prepared by plants is used for growth; making flowers, fruits and seeds; repairing damage.