

**STUDY MATERIAL SCIENCE**  
**CLASS-VII (C+D+E)**

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**NUTRITION IN PLANTS**

‣ **Nutrition:**

Nutrition is the mode of taking food by an organism and its utilisation by the body.

‣ **Nutrients:**

The components of food like carbohydrates, fats, proteins, vitamins and minerals are nutrients.

**NUTRITION IN ORGANISM**

‣ **Autotrophic Nutrition:**

- Auto means self & trophic means nutrition.
- The mode of nutrition in organisms in which they prepare their food by own.
- Eg. plants

‣ **Heterotrophic Nutrition:**

- Hetero means other & trophic means nutrition.
- The mode of nutrition in which organisms depend upon other organisms for food to survive.
- Eg. Animals

**HOMEWORK:**

1. Write 10 difficult words from the notes.
2. Define the following:
  - a. Nutrition
  - b. Nutrients
  - c. Autotrophic Nutrition
  - d. Heterotrophic Nutrition
3. Write different mode of nutrition in organisms with example.