

# Nutrition in Plants - Class VII (NCERT)

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## Multiple Choice Questions (MCQs)

1. Which of the following is an autotroph?

- a) Human
- b) Cow
- c) Mango tree
- d) Mushroom

Answer: c) Mango tree

2. The process by which green plants prepare food is called:

- a) Respiration
- b) Photosynthesis
- c) Digestion
- d) Transpiration

Answer: b) Photosynthesis

3. Which gas is used in photosynthesis?

- a) Oxygen
- b) Hydrogen
- c) Carbon dioxide
- d) Nitrogen

Answer: c) Carbon dioxide

4. The green pigment in leaves is called:

- a) Chlorine
- b) Chloroplast
- c) Glucose
- d) Chlorophyll

Answer: d) Chlorophyll

5. Fungi like bread mould are:

- a) Autotrophs
- b) Heterotrophs
- c) Insectivores
- d) Saprotrophs

Answer: d) Saprotrophs

6. The organism that traps insects for nutrition is:

- a) Cactus
- b) Lotus
- c) Pitcher plant
- d) Fern

Answer: c) Pitcher plant

7. Lichen is an example of:

- a) Saprotrophic nutrition
- b) Symbiosis
- c) Autotrophic nutrition
- d) Parasitism

Answer: b) Symbiosis

8. The parasitic plant that sucks food from host plant is:

- a) Algae
- b) Cuscuta
- c) Rose
- d) Mushroom

Answer: b) Cuscuta

### One-Word Answer Questions

Q: Name the pigment responsible for photosynthesis.

A: Chlorophyll

Q: What is the mode of nutrition in plants?

A: Autotrophic

Q: Name one parasitic plant.

A: Cuscuta

Q: What is the food prepared during photosynthesis?

A: Glucose

Q: Which gas is released during photosynthesis?

A: Oxygen

Q: Which microorganism shows symbiotic relationship in lichens?

A: Algae

Q: What is the term for organisms that feed on dead matter?

A: Saprotrophs

Q: Name a plant that performs partial heterotrophic nutrition.

A: Pitcher plant