

## CHAPTER-12 | How Nature Works in Harmony

QUIZ  
PART-04

1. Autotrophs are organisms that:

- A. Eat plants
- B. Make their own food
- C. Eat animals
- D. Decompose matter (B)

**Explanation :** Autotrophs prepare food by photosynthesis.

2. Green plants are called:

- A. Consumers
- B. Producers
- C. Decomposers
- D. Parasites (B)

**Explanation :** Plants produce their own food.

3. Heterotrophs depend on:

- A. Sunlight
- B. Themselves
- C. Other organisms
- D. Soil only (C)

**Explanation :** They cannot make their own food.

4. Herbivores eat:

- A. Animals
- B. Plants
- C. Both
- D. Dead matter (B)

**Explanation :** Herbivores feed on plants.

5. Carnivores eat:

- A. Plants
- B. Animals
- C. Both
- D. Soil (B)

**Explanation :** Carnivores eat other animals.

6. Omnivores eat:

- A. Only plants
- B. Only animals
- C. Both plants and animals
- D. Only microbes (C)

**Explanation :** Omnivores consume both.

7. Parasites live on:

- A. Soil
- B. Dead organisms
- C. Host organisms
- D. Sunlight (C)

**Explanation :** Parasites depend on host.

8. Example of parasite:

- A. Mushroom
- B. Leech
- C. Grass
- D. Tiger (B)

**Explanation :** Leech feeds on host blood.

9. Decomposers break down:

- A. Living plants
- B. Dead matter
- C. Sunlight
- D. Water (B)

**Explanation :** They recycle nutrients.

10. Autotrophs are important because they:

- A. Destroy ecosystem
- B. Start food chain
- C. Spread disease
- D. Pollute air (B)

**Explanation :** Producers form base of food chain.