

CHAPTER-12 | How Nature Works in Harmony

QUIZ
PART-05

1. Food chain shows:

- A. Habitat
- B. Feeding sequence
- C. Population
- D. Climate (B)

Explanation: It shows who eats whom.

2. First level in food chain:

- A. Carnivore
- B. Producer
- C. Omnivore
- D. Decomposer (B)

Explanation: Producers form first trophic level.

3. Grass → Goat → Tiger is example of:

- A. Food web
- B. Food chain
- C. Ecosystem
- D. Population (B)

Explanation: Simple feeding sequence.

4. Food web is:

- A. Single chain
- B. Interconnected food chains
- C. Habitat
- D. Soil (B)

Explanation: Many chains linked together.

5. Energy flows from:

- A. Carnivore to producer
- B. Producer to consumers
- C. Decomposer to Sun
- D. Soil to Sun (B)

Explanation: Energy moves upward from producers.

6. Each level in food chain is called:

- A. Habitat
- B. Trophic level
- C. Population
- D. Web (B)

Explanation: Feeding level is trophic level.

7. Decomposers complete the:

- A. Population
- B. Food cycle
- C. Habitat
- D. Climate (B)

Explanation: They recycle nutrients.

8. Removing one species affects:

- A. Nothing
- B. Whole food web
- C. Only one chain
- D. Soil only (B)

Explanation: Food webs are interconnected.

9. Sun is ultimate source of:

- A. Water
- B. Soil
- C. Energy
- D. Oxygen (C)

Explanation: Sun provides energy for life.

10. Longer food chain means:

- A. More energy
- B. Less energy at top
- C. Equal energy
- D. No energy (B)

Explanation: Energy decreases at higher levels.