

CHAPTER-12 | How Nature Works in Harmony

QUIZ
PART-03

1. Ecosystem formed by:

- A. Biotic only
- B. Abiotic only
- C. Interaction of both
- D. Population only (C)

Explanation: Ecosystem = interaction.

2. Aquatic ecosystem example:

- A. Forest
- B. Pond (B)
- C. Grassland
- D. Farm

Explanation: Pond is aquatic.

3. Terrestrial ecosystem example:

- A. River
- B. Lake
- C. Forest (C)
- D. Sea

Explanation: Forest is land-based.

4. Sunlight helps plants in:

- A. Respiration
- B. Photosynthesis (B)
- C. Decomposition
- D. Hunting

Explanation: Sunlight needed for photosynthesis.

5. Plants release:

- A. Carbon dioxide
- B. Nitrogen
- C. Oxygen (C)
- D. Smoke

Explanation: Photosynthesis releases oxygen.

6. Roots prevent:

- A. Flood
- B. Soil erosion (B)
- C. Fire
- D. Pollution

Explanation: Roots hold soil.

7. Ecosystems are:

- A. Static
- B. Dynamic (B)
- C. Dead
- D. Separate

Explanation: They continuously change.

8. Soil provides:

- A. Water only
- B. Nutrients (B)
- C. Oxygen
- D. Carbon

Explanation: Soil gives nutrients.

9. Overlapping ecosystems show:

- A. Isolation
- B. Interconnection (B)
- C. Separation
- D. Pollution

Explanation: Ecosystems interact.

10. All interactions together form:

- A. Habitat
- B. Ecosystem (B)
- C. Community
- D. Population

Explanation: Ecosystem = all interactions.