

CHAPTER-2 | Diversity in the Living World

QUIZ
PART-04

1. Why is biodiversity important?

- A. To make landscapes colourful
- B. To balance nature
- C. To increase factory output
- D. To expand cities (B)

Explanation: Biodiversity keeps natural systems balanced, supporting stable ecosystems.

2. What should be done to conserve biodiversity?

- A. Deforestation
- B. Protect forests
- C. Rapid industrialization
- D. Overfishing (B)

Explanation: Conserving biodiversity includes protecting forests as key habitats.

3. What is the first step in the 3Rs?

- A. Reuse
- B. Reduce
- C. Recycle
- D. Repair (B)

Explanation: The 3Rs begin with Reduce, which minimizes waste at the source.

4. Which action directly protects habitats?

- A. Safeguarding forests and oceans
- B. Dumping waste into rivers
- C. Clearing land for more roads
- D. Burning plastic waste (A)

Explanation: Protecting forests and oceans preserves living spaces for species.

5. Which set lists the main reasons for conservation?

- A. Prevents species extinction
- B. Maintains ecological balance
- C. Supports human survival
- D. All of the above (D)

Explanation: Conservation prevents extinctions, keeps ecosystems balanced, and supports people.

6. Which is an example of sustainable living?

- A. Planting trees
- B. Using more single-use plastics
- C. Leaving taps running
- D. Burning trash in the open (A)

Explanation: Planting trees is a sustainable practice that supports healthier ecosystems.

7. How do plants and animals support human needs?

- A. Plants make buildings; animals produce fuel
- B. Plants provide oxygen; animals help in farming
- C. Plants cause pollution; animals reduce oxygen
- D. Plants and animals have no role (B)

Explanation: Plants supply oxygen, and many animals contribute to agriculture.

8. Which personal actions help protect biodiversity?

- A. Ignore environmental rules; litter in public places
- B. Use more disposable items; waste water
- C. Follow the 3Rs and spread awareness
- D. Hunt rare species; clear forests (C)

Explanation: Reducing, reusing, recycling, and educating others are effective individual steps.

9. What does saving biodiversity involve?

- A. Increasing waste and noise
- B. Avoiding pollution and saving endangered species
- C. Expanding cities into forests
- D. Using toxic chemicals liberally (B)

Explanation: Conservation includes cutting pollution and protecting threatened species.

10. Which choice best reflects how living things depend on each other?

- A. Plants and animals have separate, unrelated roles
- B. Animals create oxygen while plants farm the soil
- C. Plants give oxygen, animals aid farming, and nature keeps the balance
- D. Only humans maintain ecological balance (C)

Explanation: Interdependence is shown by plants providing oxygen, animals supporting agriculture, and natural systems maintaining balance.