

1. Many food chains linked together form:

- a) Food link
- b) Food cycle
- c) Food web
- d) Food circle

2. Producers make food using:

- a) Soil
- b) Sunlight
- c) Water
- d) Carbon dioxide only

3. Which is a decomposer?

- a) Fungi
- b) Grasshopper
- c) Snake
- d) Eagle

Assertion–Reason (1 mark each)

4. A: Plants depend on animals for carbon dioxide.

R: Animals produce oxygen during breathing.

5. A: Recycling helps protect nature's harmony.

R: It reduces waste and pollution.

Case Study (4 marks)

In a grassland, rabbits eat grass, snakes eat rabbits, and eagles eat snakes. Recently, many snakes were hunted.

- a) How will rabbit population change?
- b) What will happen to grass?
- c) Which organism is the producer in this chain?
- d) How can balance be restored?

2-Mark Questions

- 6. Define decomposer.
- 7. Name two ways to protect nature's harmony.
- 8. Explain the importance of decomposers with examples.

3-Mark Questions

- 9. Explain interdependence in nature with one example.
- 10. State three harmful effects of deforestation.

4-Mark Question

11. Draw and explain a labelled diagram of a food web.

