

QUESTIONS FOR PRACTICE

PART C

1. What are the components of Ecosystems? What role do they play in ecosystem processes?
2. Are food chains in nature never-ending? Why? Justify your answer.
3. What do you understand by “nutrient cycling”? What is the significance of decomposers in nature?
4. Define any two types of interactions that take place in the living world? Also mention the significance of those interactions.
5. Write short notes on: (i) Grassland ecosystem (b) Desert ecosystem
6. Describe food chain and food web with suitable examples.
7. In nature, grazing and detritus food chains are operated simultaneously. Explain.
8. How are food and energy needs satisfied in a pond ecosystem?
9. Terrestrial ecosystems are different at different places, why?
10. Why is the concept of a food web ecologically more real than that of a simple food chain?
11. Define biodiversity. Explain genetic, species, and ecosystem biodiversity.
12. Give an account of consumptive use of biodiversity.
13. Explain the value of biodiversity on social, ethical, and aesthetic basis.
14. In what way do our changing lifestyles and consumption patterns lead to biodiversity loss?
15. State the difference between national park and sanctuaries? What do you understand by buffer zone and core zone?
16. Write short notes on: (a) Hotspots of biodiversity (b) Endangered and endemic species.