

## Paper 2<sup>nd</sup> : Fundamental Of Environmental Biology

- **1 Mark Questions :**

1. Write definition of Ecosystem.
2. Write component of abiotic factor.
3. Write component of biotic factor.
4. Define energy flow.
5. What is mean by food chain.
6. Comment on food web.
7. Enlist types of food chain.
8. Write definition of biogeochemical cycle.
9. Define ecological succession.
10. What is mean by species diversity.
11. What is mean by ecotone.
12. What is edge effect.
13. What is mean by ecosystem stability.
14. Write types of ecosystem.
15. What is mean by biomes.
16. Write on parasitic food chain.
17. Write on predator food chain.
18. Define grazing food chain.
19. Define detritus food chain.
20. Define population ecology
21. Define community ecology.
22. Write definition of ecology.

- **2 Marks Questions :**

1. What is Photosynthesis?
2. What is mean by parasitic food chain and write its example.
3. What is mean by predator food chain and write its example.
4. What is mean by ecological stability.
5. Write factors affecting on ecosystem stability.
6. What is mean by population ecology.
7. What is mean by community ecology.
8. Write population fluctuations.

- **4 Mark Questions :**

1. Explain grazing food chain and its example.
2. Write note on grazing food chain and explain its example.
3. Write note on parasitic food chain and explain its example.
4. Write note on predator food chain and explain its example.
5. Write note on types of food chain.
6. Write note on ecosystem structure of biotic and abiotic components.
7. Write note on function of ecosystem.
8. Write note on functions of energy flow in ecosystem.
9. Explain types of ecosystem.
10. Explain food chain with diagram.

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11. Explain food web with example.
12. Write on desert ecosystem.
13. Write on forest ecosystem.
14. Write on wetlands ecosystem.
15. Write on lotic ecosystem.
16. Write on lentic ecosystem.
17. Write on estuarine ecosystem.
18. Write note on population fluctuation.
19. Write characteristics of biomes.

• **6 Mark Questions :**

1. Write note on biogeochemical cycle.
2. Write note on ecological succession.
3. Write concept of ecotone.
4. Write types of edge effect.
5. Write note on biomes.
6. Write note on population ecology.
7. Write concept of r and k species.
8. Write note on keystone species.
9. Explain types of community ecology.
10. Write note on population growth and regulations.
11. Write note on dispersion and metapopulation.
12. Write classification and distributions of biomes.

• **12 Marks Questions:**

1. Explain ecosystem structure with biotic and abiotic components and its functions.
2. Write note on energy flow in ecosystem and explain food chain and food web with examples.
3. Write note on ecosystem and explain its types.
4. Write note on community ecology and explain its types and interaction.
5. Write note on population ecology and characteristics of population and explain r and k species.