

Questions

1. Write the scope and importance of Environmental Studies.
2. Discuss the vertical structure of the atmosphere and the significance of each layer with a suitable diagram.
3. Define food chain. Discuss the different types of food chains existing in nature with suitable examples.
4. Discuss energy flow in an ecosystem with a schematic diagram. Explain the 10 % rules of the energy flow model and establish the relationship between GPP and NPP.
5. What do you mean by Acid rain. Explain with an arrow diagram. Also summarize some of the bad effects of acid rain.
6. What is ecological succession? Differentiate between primary and secondary ecological succession with a suitable diagram.
7. What is biodiversity? Discuss the different values of biodiversity.
8. Write the point of difference between endangered and endemic species, and briefly discuss about the biodiversity hotspot of India with examples.
9. Discuss the various threats to biodiversity and write about the adverse effects of biodiversity loss on humans and the environment.
10. Define In-situ and Ex-Situ conservation of Biodiversity and give examples from each category.
11. Explain coagulation and flocculation.
12. Difference between primary and secondary water treatment?
13. Explain Eutrophication.
14. Explain the difference between garbage and rubbish.
15. Explain different types of landfills in solid waste management.
16. What do you mean by incineration in solid waste management.
17. What is cyclone separator. Explain with a diagram.
18. What is electrostatic precipitator explain with a diagram.
19. What is fabric filtration system. Explain with a diagram.
20. What is the difference between absorption and adsorption.
21. What is Chapman Cycle explain with a diagram.
22. How the Ozone layer is formed and maintained explain with chemical reactions.
23. What do you mean by Ozone hole.
24. What's the effects of over exposure of UV radiation.
25. How the ozone layer thickness is measured explain with an example.