

**Techno India Batanagar
Basic Science and Humanities**

Model Questions

Subject Name: Chemistry

Subject Code: CH 401

Short Answer Type Questions

1. Define Environment.
2. What are all the categories of environment?
3. Write the components of environment?
4. Mention any two awareness programme of environmental issues to student?
5. Define deforestation?
6. List the Causes of deforestation?
7. Define Surface water.
8. What is Groundwater?
9. What is Rock?
10. Give the classification of Mineral Resources.
11. Classify energy resources?
12. Write the advantages and disadvantages of petroleum as a energy resources?
13. List some of the renewable energy sources.
14. Write short notes on Tidal energy.
15. Define Soil Erosion.
16. List some ways to protect soil.
17. What are the role of individual in conservation of natural resources and sustainability?
18. Define ecosystem.
19. List any four characteristics of ecosystem
20. What are the different types of eco-system?
21. What are the biotic components of an ecosystem?
22. What are the autotrophs?
23. Define heterotrophs?
24. List the abiotic components of an ecosystem.
25. What do you know about food chain and food web?
26. Name three types of food chains.
27. Define ecological pyramids.
28. What is a forest?
29. How can you classify forests?
30. What do you know about grasslands?

31. What are the types of grasslands?
32. What are major human impacts on grasslands?
33. How do the desert plants adapt to the climate?
34. What are the different types of desert biome?

35. Define freshwater.
36. How can you differentiate ponds and lakes?
37. Define bio diversity.
38. What are the three types of biodiversity?
39. Define genetic diversity.
40. Define species diversity.
41. Define ecosystem diversity.
42. What are the two main functions of biodiversity?
43. What are Biodiversity hotspots?
44. On what basis a region is designated as hotspot?
45. List some of the major biodiversity threats.
46. What are the main causes of habitat loss?
47. What do you know about conservation of biodiversity?
48. What are the two types of biodiversity conservation?
49. What do you know about in-situ conservation and ex-situ conservation?
50. Define soil pollution.