



Octahedral classes, kharadi
2nd floor, yashwant plaza, near bank of India,

Class 09 - Science
natural resources

Maximum Marks: 35

Time Allowed: 2 hours

Section A

1. What are the two forms of oxygen found in the atmosphere? 1
2. Define humification. 1
3. Name the bacterium capable of nitrogen fixation which resides in the root nodules of legumes. 1
4. What is biosphere ? 1
5. What are natural resources ? 1
6. Define soil erosion. 1
7. Write three ways to prevent soil pollution. 1
8. What is denitrification? 1
9. What is rain gauge? 1
10. What are two different states in which water is found during the water cycle? 1
11. What is the major component of atmosphere of earth and Mars/Venus? 1
12. What is weathering? 1
13. Which group of organisms is poisoned by elemental oxygen? 1
14. Name two green house gases. 1
15. Name the types of weathering. 1
16. Define eutrophication. 1
17. What is top soil? 1
18. What is the cause if increasing concentration of carbon dioxide in the atmosphere? 1
19. Define paedogenesis. 1
20. What is water harvesting? 1
21. What is the function of wind breaks? 1
22. What is thermal pollution? 1
23. What are the different states in which water is found during the water cycle? 1
24. Name two planets other than earth which also have an atmosphere. 1
25. What is the effect of oxygen on nitrogen fixation? 1
26. What is ammonification? 1
27. In which zone of atmosphere is ozone layer present? 1
28. What is greenhouse effect? Name a green house gas? 1
29. What are the two forms of elemental oxygen found in the atmosphere? 1
30. What is the major source of fresh water in the city/town/village where you live? 1
31. What is water pollution? 1
32. How is humus a major factor in deciding the soil structure? 1
33. What are the two main causes of over-exploitation of natural resources? 1
34. Which gas is added to the atmosphere by the decay of organic matter? 1
35. What is smog? How is it formed? 1