

Board – CBSE

Class – 9

Topic – Natural Resources

1. Name two chemicals that are depleting ozone layer.
2. Name the types of soil.
3. State 3 methods by which free nitrogen can be converted into nitrates.
4. What is Denitrification?
5. How do fossil fuels cause air pollution?
6. In spite of breathing out carbon dioxide in a large amount and released by combustion, the atmosphere has mere fraction of CO₂ only. Why?
7. What is water pollution? Give its causes and harmful effects?
8. State in brief the role of photosynthesis and respiration in carbon cycle in nature.
9. What is the difference between smog and fog? Give two examples effects of smog.
10. Explain carbon cycle.
11. What is humus?
12. Name two elemental form of carbon.
13. What is bad ozone and good ozone?
14. What are the diseases caused by air pollution?
15. How can lichen help in indicating the pollutants in air?
16. List any two causes of our failure to sustain availability of underground water.
17. Define Nitrification.
18. Name four factors which lead to soil formations.
19. What make the quality and type of soils?
20. How does atmosphere help in climate control?
21. What is acid rain? Give its harmful effects.
22. What is greenhouse effect? Why it is named so?
23. What is the importance of ozone to mankind?
24. Explain the physical, chemical and biological factors which lead to the formation of soil.
25. How winds are caused and what decides the breeze to be gentle, strong wind or terrible storm.
26. What is air pollution? How it is caused? Give any two harmful effects.
27. Explain water cycle with diagram.
28. How does oxygen occur in nature? Explain oxygen-cycle in nature.
29. Give existence of carbon.

30. Explain nitrogen cycle in detail and define all the terms involved in it.
31. Explain biosphere.