

CLASS – XI

CHEMISTRY ENVIRONMENTAL CHEMISTRY

ASSIGNMENT NO. 7

- Q1. What do you mean by environmental pollution? Give e.g. of degradable & non-degradable pollutants.
- Q2. Explain tropospheric pollution.
- Q3. Name the different regions of the atmosphere along with their altitude.
- Q4. State reason why CO acts as a pollutant, although it is colorless & odorless gas?
- Q5. Although CO₂ is non-toxic, it is causing major environmental problem. Comment.
- Q6. Write a short notes on :- a) Global warming (b) Green House effect (c) Depletion of ozone layer.
- Q7. Why does rain water have normally a pH 5.6? When does it become acid rain?
- Q8. Write a note explaining acid rain?
- Q9. What are particulate pollutants? Explain the viable & non-viable particulates?
- Q10. What is smog? Explain the types of smog.
- Q11. Write down the reactions involved during the formation of photochemical smog?
- Q12. What are the harmful effects of photochemical smog & how can they can be controlled?
- Q13. What chemical reactions are occurring in the stratosphere? How are Freons creating a hole in the ozone layer?
- Q14. What do you understand by ozone hole? What does it occur mainly over Antarctica?
- Q15. Write the main effects of depletion of ozone layer?
- Q16. What is ground water pollution? How does it take place?
- Q17. What are oxygen demanding wastes? Define BOD. How is it determined?
- Q18. What are the harmful effects of the following, if they are present in drinking water;-
(a) Fluoride (b) Lead (c) Sulphate (d) Nitrate
- Q19. What are the different sources of soil pollution? Name the pollutants being added by them.
- Q20. What are the international standards for drinking water?
- Q21. What are industrial wastes? Explain them in terms of biodegradable & non-biodegradable wastes?
- Q22. Explain the strategy that has been adopted to control environmental pollution?
- Q23. How should the management of domestic waste be done?
- Q24. Comment on the statement – Green Chemistry is an alternative tool for reducing pollution?
- Q25. Give some examples of the achievements of green chemistry.