

Question Bank (G scheme)

Name of subject: Environmental Technology

Unit Test :I

Subject code:17646

Course : CH

Semester: VI

Chapter-1Air Pollution Specific Objectives (30 M)

3 marks

1. Define pollution. What is man-made and natural pollution?
2. Draw labeled diagram of tape sampler.
3. Describe working of settling chamber with neat diagram.
4. Explain the working of dust fall jar.
5. Name three air pollutants with their sources.
6. Explain stack sampler.
7. State the effects of CO, NO_x and SO_x on human health.
8. Name the methods of particulate sampling and explain the working of dust fall jar.

4 marks

9. Draw labeled sketch of electrostatic precipitator.
10. Explain the working of electrostatic precipitator. State its advantages and disadvantages.
11. Explain the working of fabric filters. State its advantages and disadvantages.
12. Draw labeled diagram of bag filter. Explain its cleaning mechanism.
13. On which principle cyclone separator works?
14. Explain construction and working of cyclone separator. State four applications.
15. Explain any one method to control gaseous pollutants.
16. List four types of wet scrubber. States its advantages and disadvantages.
17. Explain thermal incineration with neat sketch.
18. Explain construction and working of venture scrubber.

Chapter-2Water Pollution and Waste Water Treatment Specific Objectives(34)

3 marks

19. List the types of water pollutants.
20. Name the sources of water pollution.

4 marks

21. Explain the method of water sampling.
22. Write down physical and chemical characteristics of waste water.
23. Explain the role of pollution control board.
24. Explain the concept and significance of BOD and COD.
25. List the drinking water quality standards.