

Question Bank (G scheme)

Name of subject: Environmental Technology

Subject code: 17646

Semester:VI

Unit Test: II

Course: CH

Chapter-2. Water Pollution (34 marks)

3 marks

1. List out preliminary, primary and secondary treatment methods for water treatment.
2. Explain sludge thickening.
3. Explain sludge dewatering.
4. Explain sludge disposal.
5. Draw neat diagram of trickling filter.

4 marks

6. Explain working of froth flotation treatment plant.
7. Explain sedimentation treatment for waste water.
8. Differentiate between activated sludge treatment and trickling filter.
9. Explain preliminary treatment method for waste water treatment.
10. Draw neat labeled sketch of activated sludge treatment method.

Chapter-3 Industry Specific Waste Treatment (10 marks)

3 marks

11. List the pollutants from fertilizer industry.
12. List pollutants from pulp and paper industry.

4 marks

13. Explain the treatment for waste produced from fertilizer industry.
14. Explain the recovery of black liquor from Kraft process.
15. What are the problems associated with discharge of black liquor.

Chapter-4 Solid Waste Management (14 marks)

3 marks

16. Give classification and origin of solid waste.
17. Write the constituents of biomedical waste.

4 marks

18. What is 3 R principle? How it can be used for solid waste management?
19. Explain solid waste collection methods.
20. Explain the disposal method for solid waste.
21. Explain sanitary landfill method.
22. Explain treatment of biomedical waste.

Chapter-5 Environmental Audit & ISO 14000 (12 marks)

4 marks

23. Explain the objective of environment management.
24. Explain environmental audit.
25. State the business benefits of ISO 14000.
26. Explain the need of ISO 14000.