**Question Bank**

**Program: CH**

**Semester: Fifth**

**Name of course: Environmental Technology**

**Course code: 22511**

**Unit Test 2**

**Chapter 3 Water Pollution and Control (Part-1) (18 marks)**

**2 marks question**

1. List the advantages of membrane process for water treatment.
2. Name the four methods for treatment of waste water.
3. Draw neat sketch of activated sludge treatment.
4. Draw neat sketch of horizontal flow sedimentation tank.

**4 marks question**

1. Explain the working of activated sludge treatment method.
2. Draw neat sketch of trickling filter.
3. Explain working of RO in waste water treatment.
4. Explain the working of bioreactor.
5. Explain the procedure for calculation of BOD
6. Explain the procedure for calculation of COD

**Chapter 4 Solid Waste Management (14 marks)**

**2 marks question**

1. Write any four characteristics of MSW.
2. Write sources of hazardous waste.
3. Write any four sources of biomedical waste.
4. List the methods for disposal of MSW.

**4 marks question**

1. Explain 3 R principle of solid waste management.
2. Draw neat sketch of sanitary landfill.
3. Describe Love Canal Tragedy and lessons learned from it.
4. Write any one method to recover energy from waste.

**Chapter 6 ISO 14000 and Environment Management (08 marks)**

**2 marks question**

1. Write two functions of pollution control board.
2. List four business benefits of ISO 14000
3. Draw the structural diagram of pollution control board.

**4 marks question**

1. Write the features of air quality act 2014.
2. Write any four salient feature of Air (Prevention and control of Pollution) act 1981.
3. Write any four salient feature of Air (Prevention and control of Pollution) act 1996.
4. Explain the importance of environment management in industry.