

R09

Code: 9A01704

B.Tech IV Year I Semester (R09) Supplementary Examinations, May 2013

ENVIRONMENTAL ENGINEERING - II

(Civil Engineering)

Time: 3 hours

Max. Marks: 70

Answer any FIVE questions
All questions carry equal marks

1. (a) Which air pollutants? Do effect metoils and arrays?
(b) Discuss the terms:
(i) Global warming. (ii) Chlorofluorocarbons.
2. Distinguish between:
(a) Single stage and two stage precipitators
(b) Pipe type and plate type precipitators.
3. Write short note on:
(a) Reverse osmosis.
(b) Defluoridation
4. Write short note on:
(a) Primary treatment of waste water.
(b) Secondary treatment of waste water.
(c) Tertiary treatment of waste water.
5. Discus briefly the various methods of solid waste management with special reference to dumping. Hog feeding, salvaging and grinding and discharging to sewers.
6. What are the different solid disposal methods? Explain any two with a neat diagram.
7. Explain the various biotechnological approaches of hazardous waste management.
8. What are the main provisions of the following acts?
(a) Environment (protection) act 1986.
(b) Wild life protection act of 1972.
(c) Water (prevention and control) act.
(d) Air (prevention and control of pollution) act of 1981.
