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Register Number:

7208

Name of the Candidate:

DIPLOMA EXAMINATION, 2010
(INDUSTRIAL POLLUTION AND CONTROL)
(PAPER-III)

131. ENVIRONMENTAL POLLUTION CONTROL – REGULATIONS AND METHODS

Dec]

[Time : 3 Hours

Maximum : 100 Marks

Answer any FIVE questions (5×20=100)

1. What are the regulations and standards prescribed for the sewage and sewage disposal? (20)
2. Discuss pollution control regulations and standards prescribed in India for the
 - a) Sugar and alcohol Industry
 - b) Edible oil Industry (10+10)
3. Briefly discuss the pollution control laws pertaining to and pollution caused by
 - (i) Pulp and paper Industry
 - (ii) Fertilizer Industry (10+10)
4. Elaborate the regulations and standards prescribed in India to control pollution for the
 - (a) Chemical Industry (10)
 - (b) Cement Industry (10)
5. Discuss the pollution control methods and treatment of
 - (i) Solid radio-active wastes
 - (ii) Gaseous radio- active wastes (10+10)
6. Discuss the pollution control laws for radio-active particles and isotopes emission in water and air. (20)
7. Briefly write about the major sources of noise pollution in the environment and what measures can be taken for the suppression of noise at source? (20)
8. Discuss in detail the effects of noise and vibration on human and environmental systems. (20)
9.
 - a) Define and classify-Hazardous waste. (5)
 - b) Briefly write about survey of treatment technology. (10)
 - c) Ground water remediation (5)
10.
 - a) Discuss in detail the sources and type of sampling methods. (10)
 - b) Write short notes on odour control techniques in chemical industries. (10)
