

(Following Paper ID and Roll No. to be filled in your Answer Books)

Paper ID : 2289939

Roll No.

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**B.TECH.**

**Regular Theory Examination (Odd Sem-VII), 2016-17  
INDUSTRIAL POLLUTION CONTROL AND  
ENVIRONMENTAL AUDIT**

*Time : 3 Hours*

*Max. Marks : 100*

**Note: Attempt all the questions.**

**SECTION - A**

**1. Attempt all parts.**

**(10×2=20)**

- a) Write short note on sources of Industrial wastes?
- b) What do you know by Radiation Emissions?
- c) Write short note compliance Audit.
- d) What are Biodegradables wastes?
- e) What are radioactive wastes?
- f) Define solid industrial waste.
- g) Define Liquid Industrial Waste

- h) Give some sources of gaseous Industrial Waste?
- i) What wastes are generated from Thermal Power plant?
- j) Suggest a method to improve the water quality of industries.

**SECTION - B**

**2. Attempt any five parts : (5×10=50)**

- a) Describe briefly cradle to grave concept?
- b) Write a note on ISO and ISO 14000?
- c) What do you mean by environmental audit? How is it different from account audits?
- d) Briefly describe the removal of cyanide and fluoride from Industrial waste water.
- e) Define Hazardous waste. Describe the concept for management of such wastes.
- f) What are noise radiations? Describe some methods to reduce noise pollutions from industries.
- g) Describe various pollution regulations initiated by Governments to minimize Industrial wastes.
- h) What is life cycle analysis? Describe in brief.

**SECTION - C**

**Note: Attempt any two parts: (2×15=30)**

- 3 Write a case study of Dairy and sugar Industry about their industrial ware policy.
- 4. Write a case study of Iron & steel and Thermal power plant industry about their industrial ware policy.
- 5. What do you mean by industrial waste? Briefly discuss about the present techniques adopted to minimize solid, liquid, Gaseous, Noise, Radiation emissions waste. Discuss the methods you want to adopt so that the waste should be minimum and recycle as well as Reuse.

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