

Roll No.

Exam Code : J-19

Subject Code—0834

**P. G. Diploma in Environmental
Management (PGDEM) EXAMINATION**

(Main & Re-appear)

(For Batch 2011 Onwards)

**POLLUTION CONTROL AND
MANAGEMENT**

PGDEM-04

Time : 3 Hours

Maximum Marks : 70

Section A

Note : Attempt any *Seven* questions. **7×5=35**

Explain the following :

1. What is Pollution control ? Why pollution control is important ?
2. Explain different methods used to remove phosphorus from waste water.

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3. Explain the working of Trickling filter using labelled diagrams.
4. Enlist Indian standards for Industrial wastewater disposal
5. How dissolved organic solids can be removed from wastewater ?
6. What is Biogas ? How can it be produced ?
7. Explain the process of incineration.
8. What is noise pollution ? What are its effects on human beings ?
9. What are the causes and effects of vehicular pollution ?
10. Explain the principle and working of electrostatic precipitator.

Section B

Note : Attempt all the questions.

11. What is primary treatment of wastewater ? Explain different processes used for primary treatment of wastewater. **12**

Or

Why solids are present in waste water ? Explain different methods used for the removal of solids from industrial wastewater.

12. Give a detailed account of different methods used to convert solid wastes into useful products. **12**

Or

Write a note on solid waste management.

13. Explain different methods used for noise pollution control. **11**

Or

What is ambient air ? How is it monitored ?