

G 1700

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Reg. No.....

Name.....



**B.TECH. DEGREE EXAMINATION, MAY 2015**

**Eighth Semester**

Branch : Civil Engineering

CE 010 805 G02—ENVIRONMENTAL POLLUTION CONTROL TECHNIQUES  
(Elective IV) (CE)

(New Scheme—2010 Admission onwards)

[Regular/Supplementary]

Time : Three Hours

Maximum : 100 Marks

**Part A**

*Answer all questions.  
Each question carries 3 marks.*

1. Define Adsorption.
2. Can you list the criteria of pollutants ?
3. What fact shows in lagooning ?
4. Which one is the important process in incineration ?
5. How would you describe about the noise pollution ?

(5 × 3 = 15 marks)

**Part B**

*Answer all questions.  
Each question carries 5 marks.*

6. Draw the main sources of air pollution.
7. Which statements support the biological treatments ?
8. How would you summarize the chemical characteristics of industrial waste ?
9. Explain the waste minimization strategies ?
10. Describe about the effects of noise pollution ?

(5 × 5 = 25 marks)

**Part C**

*Answer all questions.  
Each question carries 12 marks.*

11. Draw and explain the fabric filters with suitable diagram.

Or

12. Give a description about the automobile pollution control.

**Turn over**

13. Discuss in detail about the sedimentation and coagulation.

*Or*

14. With the help of neat diagram, explain the oxidation ponds.

15. Write in detail about sedimentation flotation coagulation.

*Or*

16. Elaborate on high rate anaerobic treatments ?

17. Comment on the solid waste management characteristics with suitable diagram.

*Or*

18. Illustrate the composting and landfill with neat block diagram.

19. Briefly describe administrative and legislative control.

*Or*

20. List and explain the different cause of environmental pollution.

(5 × 12 = 60 marks)

