

G 1755

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Reg. No.....

Name.....

B.TECH. DEGREE EXAMINATION, MAY 2016

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. What are the sources of air pollution ?
2. Explain various water pollution.
3. Write a note on industrial wastes.
4. Write a note on composting.
5. Explain effects of noise pollution.

(5 × 3 = 15 marks)

Part B

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

6. Explain criteria pollutants.
7. Explain high rate anaerobic method.
8. Explain equalization and neutralization.
9. Write a note on sanitary refill.
10. Which are the sources of noise pollution ?

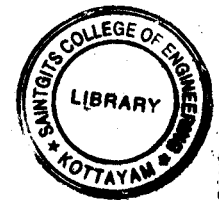
(5 × 5 = 25 marks)

Part C

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

11. Explain particulate pollutant control.
- Or
12. Explain automobile pollution and control.

Turn over



13. What do you mean by activated sludge process ? Explain.

Or

14. Explain screening, skimming, sedimentation and coagulation.

15. Explain waste volume reduction and waste strength reduction.

Or

16. Explain evaporation, ion exchange and lagooning.

17. What are the various stages of decomposition of solid waste during sanitary land filling ?

Or

18. Explain reduction, recycle and reuse.

19. Explain noise pollution control measures.

Or

20. Explain the environmental protection laws and acts.

(5 × 12 = 60 marks)