

24804

B. Tech. 5th Semester (F) Scheme (Fire Tech. & Safety)
Examination, December-2018
ENVIRONMENTAL ENGG AND MANAGEMENT
Paper-FT-307-F

Time allowed : 3 hours *[Maximum marks : 100]*

Note : Question No. 1 is compulsory. Attempt any five questions in total at least one question from each section.

1. (a) Discuss the source of the air pollution.
- (b) Explain the chemical characteristic of waste water.
- (c) What are the effect of solid waste on human life ?
- (d) What do you mean by environmental auditing ?

4×5=20

Section-A

2. Explain the different control method for the gaseous. 20
3. Discuss the different equipments with their working principle and safety precautions for the particulate matter control. 20

Section-B

4. Explain the aerobic treatment system in detail. 20
5. Discuss the physical unit operation for the treatment of waste water. 20

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Section-C

6. Explain the different disposal option of the solid waste. 20
7. What do you mean by the following terms :
- (a) Legal Frame work for hazardous waste
 - (b) Environmental, Aesthetic and health risk of solid waste. 10,10

Section-D

8. Explain the following terms : 10,10
- (a) Life Cycle Assessment
 - (b) Environmental Impact
9. Discuss in detail the principle and requirements of ISO-14001. 20

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