

24381

B. Tech. 6th Semester (Civil Engineering)

Examination, May-2013

SEWERAGE AND SEWAGE TREATMENT

Paper-CE-308-F

Time allowed : 3 hours]

[Maximum marks : 100

Note : Attempt any five questions out of eight.

1. Explain importance of sanitation and also explain system of sewage. 20
2. Explain construction and working of sewer lines with applications. 20
3. Explain various materials with detailed significance and applications. 20
4. Explain quality parameters in sewage characterization and significance. 20
5. What are objectives of Sewage Treatment and also explain sequence and efficiencies of conventional treatment units? 20
6. Explain design aspects of primary treatment and secondary treatment of sewage treatment. 20

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7. (a) Explain activated sludge process and its modification. 10
- (b) Explain drying beds and its significance. 10
8. Write short note on :
- (a) Disposal of sewage 10
- (b) Sewage Treatment 10