

B.Tech. Civil (Construction Management)

Term-End Examination

June, 2011

ET-581(C) : BUILDING SERVICES

Time : 3 hours

Maximum Marks : 70

Note : Answer any five questions. All questions carry equal marks. Draw sketches neatly wherever required.

1. Explain different methods of disposal of solid waste. 14
2. What are the different types of wiring used in buildings ? Explain each of them briefly. 14
3. Describe different methods used for energy conservation in Buildings. 14
4. What is meant by water proofing of buildings ? Discuss any one method in detail. 14
5. What is a manhole ? What are its different types ? Explain any one with a neat sketch. 14

6. What is an electric shock ? How can you provide shock protection measures in buildings ? 14
7. What are the different tests used for sewers ? 14
Explain any one in detail.
8. Write short notes on the following. $4 \times 3\frac{1}{2} = 14$
- (a) Algae Control.
 - (b) Air Conditioning.
 - (c) Elevators.
 - (d) Fire fighting equipment.
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