

B.Tech. Civil (Construction Management)

Term-End Examination

December, 2010

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 any one Waste Water treatment methods clearly. 14
2. Discuss various methods of Plumbing used in buildings. Explain clearly. 14
3. What are different types of elevators used for Buildings? Explain the operation of an elevator. 14
4. What are different fire-fighting measures may be provided in buildings? Explain their merits & demerits, if any. 14

5. What is the need of energy conservation? Explain various energy conservation techniques used in buildings. 14
6. Discuss briefly, different methods of water proofing of buildings. 14
7. What do you understand by Algae? How can it be removed from water? 14
8. Write short notes on *any two* of the following : 2x7=14
- (i) Termite control of buildings.
 - (ii) Industrial air conditioning.
 - (iii) Corrosion control.
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