

BACHELOR OF ARCHITECTURE

Term-End Examination

June, 2012

BARE-072 : ADVANCED BUILDING SERVICES

Time : 3 hours

Maximum Marks : 70

Note : Attempt any five questions in all. Question No.1 is compulsory. Illustrate your answers with sketches wherever possible.

1. Explain *any two* of the following : **7x2=14**
 - (a) Distribution Reservoir
 - (b) Solar water heater
 - (c) Waste Management Concepts
 - (d) PBX, EPBX

2. Explain waste disposal hierarchy. Reduce, Reuse and Recycle. Write about the types of Waste Disposal Systems. **14**

3. Write about Measures of Fire Prevention in Buildings. And list down fire fighting devices with functions. **14**

4. Define Escalators. Write about its operation, layout and design considerations. Explain with neat sketches its components. **14**

5. Define Distribution System. Write about its components and arrangement of distribution pipes and other accessories. 14
 6. Critique upon the conversion of waste to Energy. Write about the possible examples. 14
 7. Write about the arrangement of Electrical Supply and Distribution for a high rise building. Along with the components involved. 14
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