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Total No. of Pages : 01

Total No. of Questions : 08

B.Architecture (2012 & Onwards) (Sem.-4)**BUILDING SERVICES-I****Subject Code : BACH-408****M.Code : 71023****Time : 3 Hrs.****Max. Marks : 60****INSTRUCTIONS TO CANDIDATES :**

1. Attempt FIVE questions in all.
2. Question no.1 is compulsory and attempt at least one question from each unit.

1. Write short note on : (2 × 5 = 10)

- a) Pipe sizes in water supply
- b) Water meters
- c) Types of joints
- d) Size of drain pipes
- e) Catch basin

UNIT-I

2. Explain the system of water storage both at the micro and macro levels. (12.5)
3. Explain hot and cold water supply system for a hotel. (12.5)

UNIT-II

4. Explain Dry and Wet carriage system in sanitary disposal. (12.5)
5. Explain the construction technique and functioning of a septic tank with schematic plan and section. (12.5)
6. Explain the role of gradient in laying of drains and sewers in a residential development. (12.5)

UNIT-III

7. Explain the typical cross section with specifications of roads in a township. (12.5)
8. What are the various techniques and procedure for rain water harvesting? (12.5)

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.