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Total No. of Pages : 01

Total No. of Questions : 10

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. Question number 1 is compulsory. Attempt five questions. Attempt minimum one question from each unit.

Q1. Write short notes on :**(5×2=10)**

- a) Types of water supply systems
- b) Role of stop cock and bib cock
- c) Application of Septic tank
- d) Difference between one pipe and two pipe system.
- e) Application of W.B.M in road construction

UNIT-I

- Q2. Explain Hot and Cold water supply system in Residences. (12.5)
- Q3. Explain quality checks and methods to reduce impurity for drinking water (12.5)
- Q4. Explain the process of water metering, types of systems and connections. (12.5)

UNIT-II

- Q5. Explain Dry and Wet carriage system if Sanitation in Detail. (12.5)
- Q6. What are the various types of joints in Domestic toilets for efficient sanitary disposal? (12.5)
- Q7. Explain the role of Gradient and Slope analysis in self cleaning of Sewers. (12.5)

UNIT-III

- Q8. Explain the procedure and specification of laying of R.C.C roads. (12.5)
- Q9. Illustrate the application, importance and process of Rain water harvesting. (12.5)
- Q10. Explain the principles and parameters of Storm Water disposal along roads. (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.