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B.Architecture (2012 & Onwards) (Sem.-5)**BUILDING SERVICES-II****Subject Code : BACH-507****M.Code : 71751****Time : 3 Hrs.****Max. Marks : 60****INSTRUCTION TO CANDIDATES :**

1. Attempt FIVE Question with one Question from each unit and Question 1 is compulsory.
2. All questions carry equal marks.

1. Answer briefly :

- Ohms law 2
- Types of Wiring systems 2
- Glare and its effect 2
- Smoke detection 2
- Waiting interval 2

UNIT-I

2. Explain how to calculate electrical load for a residence with illustration. 12.5
3. Explain the flow diagram from generation to distribution of electricity. 12.5

UNIT-II

4. Explain Light flux method for calculation of luminaries. 12.5
5. What are the various types of luminaries available for outdoor lighting including street light. 12.5

UNIT-III

6. Explain the ways and techniques of fire detection. 12.5
7. What are criteria as per N.B.C for fire design for High Rise Buildings? 12.5

UNIT-IV

8. Explain through a schematic section the various components of a Lift system. 12.5
9. Explain the role and applications of ESCALATORS and CONVEYORS in Commercial buildings. 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.