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Total No. of Pages : 01

Total No. of Questions : 09

B.Architecture (2012 &amp; Onwards) (Sem.-5)

**BUILDING SERVICES-II**

Subject Code : BACH-507

M.Code : 71751

Time : 3 Hrs.

Max. Marks : 60

**INSTRUCTION TO CANDIDATES :**

1. Ques no 1 is compulsory and attempt total five questions one question from each unit.

**Q1. Write short note on :**

- a) Ohms law.
- b) Specification of wires for a residence.
- c) Luminance flux.
- d) Smoke detection.
- e) Escalators.

**UNIT-I**

- Q2. Explain safety means to be adopted in buildings against overloading, short circuit and lightening.
- Q3. Explain the types of wiring systems used in residential electrical system.

**UNIT-II**

- Q4. Explain : a) Glare. b) luminaires used in exterior lighting.
- Q5. Explain Light flux method for calculation of indoor illumination.

**UNIT-III**

- Q6. Explain the cause and spread of fire in a high rise building.
- Q7. Explain the norms as per N.B.C for fire exit and escape in high rise buildings.

**UNIT-IV**

- Q8. Explain : a) components of a lift with a schematic section. b) Conveyor Belts
- Q9. What are the various type of lifts available in the market based on application and capacity.

**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.**