

Total No. of Pages : 02

Total No. of Questions : 09

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

BUILDING SERVICES-II

Subject Code : BACH-507

Paper ID : [A2906]

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTION TO CANDIDATES :

1. Attempt any FIVE Question with one Question from each unit.
2. QI is compulsory.
3. All question carry equal marks.

Q1. Answer briefly :

(5×2=10)

- Give details of electric circuit in Series.
- Explain application of Fuse in electrical services.
- Define Luminous Intensity.
- What do you understand by fire rating of material?
- Enumerate types of Lifts.

UNIT-I

Q2. Write about the design considerations for the electrical layout from generation to distribution *i.e.* power house to residence. (10)

Q3. Write short notes on :

- a. Specifications of Wires. (5)
- b. Earthing in Buildings. (5)

UNIT- II

Q4. a) Differentiate between Reflection and Transmission of Light. (5)

b) Differentiate between Glare and Brightness. (5)

Q5. Enumerate various types of luminaries used for interior and exterior lighting. (10)

UNIT- III

Q6. Write short notes on :

- a. Smoke Detectors. (5)
- b. Fire Extinguisher. (5)

Q7. Write short note on Fire Fighting norms for High Rise Buildings. (10)

UNIT- IV

Q8. Draw neat section through the Lift showing machine room, Lift pit, Lift Well and its components. (10)

Q9. Write short note on Escalators and Conveyors. Draw neat sketches giving design and planning requirements. (10)

www.FirstRanker.com