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Total No. of Pages : 01

Total No. of Questions : 06

B.Architecture (2012 & Onwards) (Sem.-8)
BUILDING CONSTRUCTION & MATERIALS-VII
Subject Code : BACH-802
Paper ID : [72746]

Time : 4 Hrs.

Max. Marks : 75

INSTRUCTION TO CANDIDATES :

1. Attempt any **THREE** questions out of **SIX** questions, **ONE** from **EACH UNIT**.
2. Assume the missing data if any and mention along with answer.
3. Support the answer with suitable sketches as per the need.

UNIT I

- Q1. Design and draw the plan, sectional elevation and detail on suitable scale for the three numbers of cash counter in a row for a bank. Choose materials of own choice. (25)
- Q2. Write short notes on the followings with neat sketches:-
- a) Different types of lighting for hotel building (12.5)
 - b) Interior finishing material for high end shopping area. (12.5)

UNIT II

- Q3. Design and draw the wall paneling detail for the executive office cabin on suitable scale. Choose materials of own choice. (25)
- Q4. A Seminar Room of size 6 m × 8 m has to be constructed. Draw neat sketches to show details (floor, wall and ceiling) for the treatment to make the room sound proof. (25)

UNIT III

- Q5. Design and draw the details for a prefabricated structure for an exhibition kiosk for a 2.4m × 2.4 m grid. The construction should be of prefabricated members to be assembled onsite. All the services and details have to be shown in the plan not less than 1: 50 Scale. Specify materials, and joineries of various geometries in details drawn to scale not less than 1:10. (25)
- Q6. Write short notes on the followings with neat sketches :
- a) Water/damp proofing treatment of basement of multi story structure (12.5)
 - b) Expansion joints in RCC for high rise structure (12.5)