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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

M.Code : 72746

Time : 4 Hrs.

Max. Marks : 75

**INSTRUCTIONS TO CANDIDATES :**

1. Attempt 3 questions in all with at least one question from each unit.
2. Assume any missing data/dimension. Assume suitable scale for drawings.
3. All questions carry equal marks.

**UNIT-I**

- Q1. Design and detail out a 6m long counter in a shop dealing in branded watches/wall clocks. Give key plan, section and all the relevant details for construction for the same.
- Q2. Design and detail out a 7m long counter in a shop dealing with computer hardware. Give key plan, section and all the relevant details for construction for the same. Clearly specify the finishes for the counter.

**UNIT-II**

- Q3. Discuss different types of materials available for wall paneling and false ceiling (with sizes) along with thermal and acoustical treatments.
- Q4. Design and detail out (all the relevant construction details) wall paneling and false ceiling to be done in the office of managing director (6m × 7.5m) of a reputed pharmaceutical company.

**UNIT-III**

- Q5. i) Draw all the relevant construction details (different types) of tanking of a basement clearly showing the Damp proofing treatment.
- ii) What is expansion joint & why are they required in a building? Draw different plan shapes of buildings and show the locations of expansion joints and also draw their construction details according to their position in the building.
- Q6. Explain with sketches various pre fabricates (concrete) along with their construction details to a suitable scale.

**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.**

