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B. Architecture (Semester – 6th)
BUILDING CONSTRUCTION - VI
Subject Code: BARCI – 642
Paper ID: 120134

Time: 03 Hours

Maximum Marks: 60

Instruction for candidates:

1. Attempt any three questions from Unit I, II & III, selecting at least one question from each unit.

Unit -I

Q1. Elaborate on the sectional details provided below:

- a) Terrace Floor with parapet
- b) Intermediate slab detail demonstrating adjacent walls and surface treatments
- c) Khurra detail.
- d) Staircase balustrade fixing detail. **(20)**

Q2. Develop sectional details for the bedroom window and door in the layout depicted in Figure 01. **(20)**

Unit -II

Q3. Create the electrical plan for the layout shown in Figure 01, include the furniture arrangement, and indicate all electrical fixtures on the plan along with the heights and positions of their control switches. **(20)**

Q4. Design a residential kitchen as shown in Figure-01 and give the following details:

- a) Plan at levels +450mm, +1050mm, and 1650mm from the finished floor level
- b) Four sectional elevations incorporating a window in one of them. **(20)**

Unit -III

Q5. Draw the construction details of the basement of a commercial building along with its waterproofing treatment. **(20)**

Q6. Prepare a layout plan and four sectional elevations, with all fixtures, of a Female toilet in a Mall enclosed in a space of 4.75m x 6.75m. **(20)**

Figure 1

