

## School of Architecture and Design

Bachelor of Design in Interior Design  
Semester End Examination - Jun 2024

Duration : 180 Minutes  
Max Marks : 100

### Sem IV - B1UC401B - Building Material and Construction III

General Instructions

*Answer to the specific question asked*

*Draw neat, labelled diagrams wherever necessary*

*Approved data hand books are allowed subject to verification by the Invigilator*

- |     |  |        |
|-----|--|--------|
| 1)  | What do you understand by run in a staircase?  | K1(2)  |
| 2)  | What is the primary function of acoustical insulation in interior spaces?                                    | K2(4)  |
| 3)  | Define these terms Run, riser, Nosing and Bullnoss?  | K2(6)  |
| 4)  | Why is it essential to balance form and function in staircase design?  | K3(9)  |
| 5)  | What is the difference between sound absorption and soundproofing?   | K3(9)  |
| 6)  | What role does the staircase play in establishing visual connections between different levels of a building? | K5(10) |
| 7)  | Analyze the impact of staircase design on the overall aesthetic of a building.                               | K4(12) |
| 8)  | What are the different types of materials used to make staircases and why?                                   | K5(15) |
| 9)  | Sketch out any 3 Types of Staircases.  | K5(15) |
| 10) | Evaluate how does the placement of a staircase affect the overall layout of a building?                      | K6(18) |