

School of Architecture and Design**Bachelor of Design in Interior Design
Semester End Examination - Jun 2024****Duration : 180 Minutes
Max Marks : 100****Sem IV - B1UC404T - B1UC402T - Interior Environment Control II**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) Define Sound Proofing. K1(2)
- 2) Discuss why noise control is essential part of Interior Design? Explain with the help of suitable example. K2(4)
- 3) What do you understand by the term 'Sound Diffusers' in Interior Design?. Support your answer with proper example. K2(6)
- 4) What does an STC rating of 45 mean? Support your answer with the help of an example. K3(9)
- 5) How the choice of acoustic materials differ in concert halls, recording studios, and office spaces, based on their acoustic requirements? K3(9)
- 6) Acoustic design is the process of creating a space that sounds good'. Explain the sentence with the help of an example. K5(10)
- 7) What are the different noise criteria in Interior Design? How are the criteria calculated? K4(12)
- 8) What is the role of Interior Designer in fire safety measures in Interior Design? K5(15)
- 9) Draw a labelled diagram for the working of Mineral-fiber Insulation manufacturing process. K5(15)
- 10) A hospital needs to improve its acoustical quality. Suggest an acoustic material that can help in improving the sound quality. Also explain how the acoustic material can be implemented in the different spaces in the design? K6(18)