

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

BID - SEMESTER-V EXAMINATION – WINTER 2021

Subject Code: 1055105

Date: 23/12/2021

Subject Name: Interior Services-III

Time: 10:30 AM TO 01:30 PM

Total Marks: 50

Instructions:

1. Attempt any FIVE questions out of SEVEN questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. Simple and non-programmable scientific calculators are allowed.

Q.1 What is Acoustics? What is the need to study acoustics? (10)

Q.2 What is Sound? Explain physical properties of sound. (10)

Q.3 How does sound behave in enclosed spaces? Explain in detail. (10)

Q.4 Explain in detail various types of sound absorbing materials. (10)

Q.5 What is Sound Masking? Explain benefits and installation of sound masking. (10)

Q.6 Discuss in detail common sound effects found in buildings. (10)

Q.7 List down types of acoustical defects. Explain any three in detail. (10)
