

Seat No.: \_\_\_\_\_

Enrolment No. \_\_\_\_\_

**GUJARAT TECHNOLOGICAL UNIVERSITY**

**BID- SEMESTER-V EXAMINATION – WINTER 2020**

**Subject Code: 1055105**

**Date: 21/01/2021**

**Subject Name: Interior Services-III**

**Time: 10:30 AM TO 12:30 PM**

**Total Marks: 50**

**Instructions:**

- 1. Attempt any FIVE questions out of SIX questions.**
- 2. Make suitable assumptions wherever necessary.**
- 3. Figures to the right indicate full marks.**

- Q.1** Discuss in detail the common sound effects found in the buildings. (10)
- Q.2** How will you provide Sound insulation for the following structural components? (10)  
Roofs Walls Doors and windows
- Q.3** How does sound behaves in enclosed spaces? (10)  
Explain in detail.
- Q.4** What is Acoustics? Explain in detail the characteristics of audible Sound. (10)
- Q.5** Explain in detail the various types of sound absorbents. (10)
- Q.6** Write short notes. (Any two) (10)  
1. Acoustics  
2. Echo  
3. Reverberation

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