

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

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

# GUJARAT TECHNOLOGICAL UNIVERSITY

BID - SEMESTER- III EXAMINATION – WINTER 2023

**Subject Code:2X35108**

**Date:11-12-2023**

**Subject Name: Structure-III**

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

**Total Marks:50**

**Instructions:**

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

		<b>Marks</b>
<b>Q.1</b>	What types of permits apply to remodeling projects?	<b>10</b>
<b>Q.2</b>	What Are the Advantages of Adaptive Reuse?	<b>10</b>
<b>Q.3</b>	Difference between load bearing structure and frame structure. Also draw sketch for the foundation required for both types.	<b>10</b>
<b>Q.4</b>	Explain with sketch, scaffolding. Also state its types and explain it with neat sketch.	<b>10</b>
<b>Q.5</b>	What do you mean by shoring? List out its types and explain any one with sketch.	<b>10</b>
<b>Q.6</b>	If you want to remove the wall, what kind of consideration you need to keep in mind for load bearing structure and frame structure.	<b>10</b>
<b>Q.7</b>	State the types of cracks in building and also explain the solution for it in detail.	<b>10</b>

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