

Enrollment No./Seat No.:

GUJARAT TECHNOLOGICAL UNIVERSITY

Bachelor of Interior Design - SEMESTER - I EXAMINATION - WINTER 2025

Subject Code: 2X15104

Date: 29-11-2025

Subject Name: Interior Material & Technology-I

Time: 10:30 AM to 01:30 PM

Total Marks: 40

Instructions:

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

| | Marks |
|--|--------------|
| Q.1 (a) Draw plan, elevation and sections for a random rubble masonry wall. | 07 |
| (b) Draw one brick thick wall corner with English bond. Draw required Plan, Elevation and Isometric view. | 08 |
| Q.2 (a) Explain the difference between Deep foundation and Shallow foundation with required sketches. | 05 |
| (b) What are the different physical properties of any material, in interior design? | 05 |
| OR | |
| (b) Give the difference between rubble masonry and ashlar masonry. | 05 |
| Q.3 (a) Explain Substructure and Superstructure with sketches. | 02 |
| (b) Make sketches of Half Bat, Queen Closer, King Closer | 03 |
| OR | |
| (a) Explain Foundation, Plinth and Floor with neat sketches. | 02 |
| (b) Explain the difference between English bond and Flemish bond with sketches. | 03 |
| Q.4 (a) Explain Thermal Conductivity with an example. | 05 |
| (b) What is Mud? Explain its properties and use in building. | 05 |
| OR | |
| (a) Explain Durability of materials with an example. | 05 |
| (b) What are the different types of stone? Explain with reference to their geological properties. | 05 |
