

GUJARAT TECHNOLOGICAL UNIVERSITY**BID - SEMESTER– III EXAMINATION – WINTER 2023****Subject Code:2X35103****Date:02-12-2023****Subject Name: Interior Material & Technology–III****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.

- Q.1 (a)** Give answers of the following: (Attempt any four) **08**
1. Explain relationship between space planning & partitions.
 2. Give name of steps of construction sequence of wooden partitions.
 3. Give definitions: Styles, Rails, Hinges, Corbel
 4. Explain difference between wooden windows and metal windows.
 5. Explain: Revolving door with sketches.
 6. Give the difference between dormer window and gable window.
- Q.2 (a)** Explain anatomy of door with sketches. **04**
- OR**
- (a)** Explain and draw anatomy of window with sketches. **04**
- (b)** Explain understanding of partition in relation to floor & ceiling/roof. **04**
- Q.3 (a)** Explain design standards & criteria for placements of openings. **04**
- (b)** Sketch the following hardware: Door closer, Handles, Fasteners, locking devices. **04**
- OR**
- Q.3 (a)** Explain design standards & criteria for placements of Paneling. **04**
- (b)** Sketch the following: Wooden Partitions, Glass Partitions. **04**
- Q.4 (a)** Explain : bay window, clearstory window. **04**
- (b)** Explain : battened and ledged door, flush doors. **04**
- Q.5 (a)** Differentiate: (attempt any two) **04**
- 1) Fixed & pivoted window
 - 2) Skylight and dormer window
 - 3) Corner window & Bay Window
 - 4) Ventilator & Clear Story window
- (b)** Draw Plan, elevation & 3-d view of metal partitions. Divide the reception and staff area of the office through this partition. **04**
- OR** **04**
- Draw plan, elevation & 3-d view of cement board partitions. Divide the reception and staff area of the office through this partition.
