

Enrollment No./Seat No.:

GUJARAT TECHNOLOGICAL UNIVERSITY

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

Subject Code: 2X55102

Date: 11-11-2025

Subject Name: Interior Services-III

Time: 10:30 AM TO 12:30 PM

Total Marks: 50

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 sketches if required. Suggest the key design considerations for planning / designing a vertical circulation system in a Corporate building having more than 12 Floors	07
(b) What are the Risks involved in Home automation, Explain in brief.	08
Q.2 (a) Which devices and services are required for planning an automation for a 3BHK Flat in any given urban area.	07
(b) Explain : Access control systems , what are the major advantages of Access control systems?	08
OR	
(b) Draw sketches if required. Explain the design criteria of Planning / Designing LIFTS for a residential complex having more than 12 Floors.	08
Q.3 (a) Draw sketches, /diagrams if required. Explain: DVR in detail.	03
(b) Explain : CCTV and it's Functions.	02
OR	
(a) Explain: Central Control Unit in Automation	03
(b) Explain : LV and ELV	02
Q.4 (a) Explain briefly :The role of Acoustics in Interior design/ Service.	03
(b) Explain: Sound reinforcement systems(SRS)	02
OR	
(a) Explain: Noise control in Acoustics	03
(b) Explain : Resonance and Reverberation	02
Q.5 (a) Explain: Vertical circulation? what all services are included in vertical circulation.	05
(b) Explain: CCTV network,Types and specifications of cameras in Brief.	05

OR

- (a)** Explain briefly : Secondary Vertical circulation and it's Importance. **05**
- (b)** Explain about key design considerations of Car Lifts and Indoor car lifts **05**
