

Enrollment No./Seat No.:

GUJARAT TECHNOLOGICAL UNIVERSITY
MASTER OF ARCHITECTURE - SEMESTER - III EXAMINATION - WINTER 2025

Subject Code: X36202

Date: 11-11-2025

Subject Name: ADVANCED TECHNOLOGIES

Time: 10:30 AM TO 12:30 PM

Total Marks: 40

Instructions

- 1. Attempt all questions.**
- 2. Make suitable assumptions wherever necessary.**
- 3. Figures to the right indicate full marks.**

	Marks
Q.1 (a) 1. _____ is used in construction because it can change shape under electrical charge.	08
2. _____ stones are cheaper alternatives to natural stone.	
3. _____ are most used in interior design for sculptures and decorative elements.	
4. _____ are used in construction primarily for monitoring environmental conditions like humidity and temperature.	
5. _____ in interior environments aims to absorb and reduce unwanted noise.	
6. _____ color is used for Air Quality Index (AQI) range 0-50	
Q.2 (a) Write a short note on types of engineering woods.	04
(b) Write a short note on artificial stones.	04
OR	
(b) Write a short note on properties of alabasters.	04
Q.3 (a) Translucent Concrete – Write a short note.	04
(b) Describe Electrified Wood and its uses in interiors.	04
OR	
(a) Write a short note on Sensing tile.	04
(b) Write a short note on Green prefab walls.	04
Q.4 (a) Explain common pollutants of Indoor air quality.	04
(b) Write a short note on uses virtual reality in Interior architecture.	04
Q.5 (a) Discuss in brief, advantages and disadvantages of smart devices in homes.	04
(b) Write a short note on smart glass as interior material.	04
OR	
(b) How can we make normal toilet a 'Green toilet'?	04
