

GUJARAT TECHNOLOGICAL UNIVERSITY

BHMCT- SEMESTER-VII EXAMINATION – WINTER 2024

Subject Code:173306

Date:02-12-2024

Subject Name: Architecture and Interior Designing

Time:10:30 AM TO 01:00 PM

Total Marks:70

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) What is the definition of interior design?	03
(b) How does architectural design differ from interior design?	04
(c) What are the fundamental principles of design in architecture and interior design?	07
Q.2 (a) What role does functionality play in architectural design?	03
(b) How does space planning differ between architecture and interior design?	04
(c) What is the importance of scale and proportion in design?	07
OR	
(c) How do plans, sections, and elevations differ from each other?	07
Q.3 (a) What are binding materials, and how are they used in construction?	03
(b) What are the properties and uses of cement as a binding material?	04
(c) How is lime used as a binding material in building construction?	07
OR	
Q.3 (a) What are the different types of covering materials used in buildings?	03
(b) What are the characteristics of tiles used in construction?	04
(c) How does glass contribute to building design?	07
Q.4 (a) What defines a public building, and how does a hotel fit into this category?	03
(b) What are the key principles of designing public buildings?	04
(c) How is luxury conceptualized in hotel space design?	07
OR	
Q.4 (a) What are some examples of motif-based designs in hotels?	03
(b) How does public building design differ from residential design?	04
(c) What factors are considered in the design of hotel lobbies and reception area?	07
Q.5 (a) How should waste disposal systems be integrated into hotel design?	03
(b) What role does service design play in enhancing guest experience in hotels?	04
(c) How do amenities contribute to the overall functionality of a hotel?	07
OR	
Q.5 (a) How can design create memorable and unique guest experiences?	03
(b) What are some examples of successful hotel room layouts?	04
(c) How does space planning impact the overall guest experience in a hotel?	07
