

P P SAVANI UNIVERSITY

Third Semester of B. Arch. Examination

December 2022

SAAR3300 Theory of Design (Elective)

21.12.2022, Wednesday

Time: 01:00 a.m. To 03:00 p.m.

Maximum Marks: 40

Instructions:

1. Write main answer sheet no. in your block report under main supplementary.
2. Read instructions carefully before starting.
3. All construction lines must be clearly visible for drawing based answers.
4. Use proper intensity of lines in drawings. Neatness of drawing and lettering is important.
5. Assume suitable data where necessary.
6. Data given and assumed, in questions must be mentioned in the answers.

Q - 1	Fill in the Blanks.	[05]	CO	BTL
I.	_____ is the art and science of building. a) Urban design b) Urban Planning		1	1
	c) Architecture d) Interior Design			
II.	_____ has no depth a) Plane b) Surface	1		2
	c) Point d) Line			
III.	_____ is vital for enclosure of a room/space. a) Overhead plane b) Base plane	1		1
	c) Wall Plane d) Horizontal plane			
IV.	Column marks the edge and _____ of spaces. a) Corners b) Sides	1		2
	c) Vertical element d) Volume			
V.	_____ is directionless. a) Line b) Plane	1		1
	c) Facade d) Point			

Q - 2	Answer the following (Any five)	[25]		
I.	Explain in brief ceiling plane with example and diagrams	2		3
II.	Sketch types of walls in single vertical wall plane	3		6
III.	Explain in short elevated base plane with necessary diagrams.	3		2
IV.	Explain Hierarchy by Size with diagram	1		2
V.	List down Circulation elements explain in brief	1		2,3
VI.	How two spaces may be related to each other in several fundamental ways.	3		4

Q - 3	Answer the following (Any one)	[10]		
I.	Explain in detail primary elements of architecture. Explain plane in detail. Draw all figures/diagrams.	3		3,4
II.	Describe 'ORDERING PRINCIPLES' with all figures/diagrams	1		6

CO : Course Outcome Number

BTL : Blooms Taxonomy Level

Level of Bloom's Revised Taxonomy in Assessment

1: Remember	2: Understand	3: Apply
4: Analyze	5: Evaluate	6: Create