

Roll No.

Total No. of Pages : 02

Total No. of Questions : 08

B. Architecture (Sem.-2)
THEORY OF DESIGN-I
Subject Code : BARCH-207/21
M.Code : 91594
Date of Examination : 14-07-22

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. Attempt 5 questions in all, at least one from each unit.
2. All questions carry equal marks.

UNIT-I

1. How will you analyze/understand form on the basis of its visual properties? Illustrate with sketches and built examples.
2. How can you articulate the corners, edges and facades of a built form? Discuss the effect of these articulations with built examples and sketches.

UNIT-II

3. Discuss the meaningful dynamics that come into play, when different spaces are designed to be contained within another, placed adjacent to each other, interlock with each other or are connected by another common space. Make sketches. Give architectural examples.
4. Explain the importance and fundamental methods of spatial organization in architecture.

UNIT-III

5. Illustrate various horizontal and vertical elements in space. How do these elements dictate the genesis of built form?
6. Write in detail about designing walls, windows, doors and voids for any two of the following:
 - a) For views
 - b) For daylight
 - c) For sense of enclosure
 - d) For sense of openness.

UNIT-IV

7. What do you understand by scale in Architecture? Explain human scale and monumental scale with suitable architectural examples and sketches.
8. Choose any three buildings from the following and explain in detail what principles of architectural design have been used and how :
 - a) St. Peter's Church, Rome
 - b) Falling waters, Pennsylvania by Frank Lloyd wright
 - c) Pantheon, Athens, Greece
 - d) The great Pyramids, Giza, Egypt
 - e) Sydney Opera House, Australia
 - f) St. Mark's Cathedral and plaza, Venice, Italy

NOTE : Disclosure of Identity by writing Mobile No. or Marking of passing request on any paper of Answer Sheet will lead to UMC against the Student.