

B. ARCH. 2ND YEAR 2ND SEMESTER EXAMINATION 2022

THEORY OF ARCHITECTURE – II

Full Marks : 100

Time : Three Hours

Answer any five questions. Each question is for 20 marks.

- Q1. Which perceptual qualities characterize an architecture? Write notes with suitable sketches on – i) Pleasantness; and ii) Open Space. How does one understand “Complexity” in an architecture?
- Q2. Define “Aesthetics”. Write notes with suitable sketches on – i) Rhyme and Pattern; and ii) Harmony.
- Q3. Explain with sketches the “Art” and “Science” aspects related to architecture. Mention some elements that can contribute to imparting art and science both in architecture. Narrate the creative faculties that an architect needs to possess to produce good architecture.
- Q4. What is the difference between “Design Approach” and “Design Process”? Describe the Design Process and draw a Flow-Chart Diagram showing the process.
- Q5. Describe with sketches the various Forces that generally act in architecture. Explain why steel is chosen as better structural element than timber, brick and plain concrete. Write a note on the service systems that we incorporate in buildings to make them functional.
- Q6. With appropriate sketches, write some design guidelines that help natural ventilation in buildings.