

B. ARCH. 2ND YEAR 2ND SEMESTER EXAMINATION 2017

THEORY OF ARCHITECTURE – II

Full Marks : 100

Time : Three Hours

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

- Q1. Write notes with sketches on the following Perceptual Qualities that characterise Architecture – a) Pleasantness; b) Complexity and Unity; c) Enclosed Spaces; and d) Open Spaces.
- Q2. Explain with argument whether Architecture is 'Art' or 'Engineering' or both. What qualities should an Architect possess to deliver good architecture?
- Q3. Explain what you do mean by 'Approach' for an Architectural Design. Mention the items and events that are categorically involved in the process of 'Designing' Architecture.
- Q4. Discuss the importance of 'Structure' in architecture. Explain why Reinforced Cement Concrete is better element in architecture than Plain Cement Concrete. Explain the Basic Building Services with sketches.
- Q5. Explain why 'Light' and 'Natural Ventilation' are important in the interior of Architecture. Discuss with appropriate sketches how you can enhance better natural ventilation in architecture.
- Q6. With sketches, explain the meanings of 'Anthropometry' and 'Ergonomics'. Define the meanings of 'Handicapped' and 'Disabled' Persons. Make a list of ten guidelines for designing 'Barrier-free' architecture.