

BACHELOR OF ARCHITECTURE 2ND YEAR 1ST SEMESTER EXAM. 2018

Theory of Architecture - I

Time: Three hours

Full Marks: 100

The figures in the margin indicate full marks.

Answer Q1, Q2, Q3 and any **three** questions from the rest.
Answer with appropriate sketches wherever necessary.

- Q1. Define 'Art' in general, and with reference to Aristotle's Theory of Poetry and Fine Art as written in 'The Poetics'. Define and explain the meaning of 'Beauty'. Explain the meaning of 'Architecture'. With reference to Vitruvius, explain the characteristics of architecture that impart beauty in it. 25
- Q2. Define 'Theory of Architecture'. Explain the architectural features of 'Greek Architecture'. Narrate the optical devices that were incorporated in the design of 'Parthenon'. 15
- Q3. Explain the architectural features of 'Roman Architecture' from its early examples constructed up to 3rd Century AD. Explain elaborately the architectural design and features of the 'Pantheon'. 15
- Q4. Define Architectural 'Space'. Narrate in detail the tools that architects use to represent and explain 'Architecture' to people. 15
- Q5. Explain the meanings of 'Mass' and 'Form' in architecture. Establish the arguments that clarify the role of structure in creating various forms in architecture. Discuss the meaning and application of 'Scale' and 'Proportion' in architecture. 15
- Q6. Explain the meanings of 'Solid' and 'Void' in architecture, and how architects design buildings and spaces with 'Solid and Void'. Mention the 'Art' and 'Science' aspects associated in architecture. 15
- Q7. Discuss the effect of 'Colour' on architecture and in an urban area with reference to human perception. Mention the creative faculties that an architect should possess to create proper and interesting building. 15