

**BACHELOR OF ARCHITECTURE**

**2ND. YR. 1<sup>ST</sup> SEMESTER EXAMINATION 2024**

**THEORY OF ARCHITECTURE I**

**Time: Three Hours**

**FULL MARKS: 100**

**Instructions: (1) Answer for 100 marks (2) Furnish sketches wherever necessary**

**Q.01.** Describe the philosophy of 'Deconstructivism' as an art and architectural movement. **25**

Compare and contrast between the Deconstructivist Philosophy pioneered by the French Philosopher Jacques Derrida and 'Constructivism' propounded by Kazimir Malevich. Reference should be made to relevant examples from Art and Architecture. **25**

**Q.02.** Describe how the classical narratives in architecture are dealt by 'deconstructive architectural principles' and 'postmodernist architectural principles'. Citing suitable contemporary examples from architecture, discuss how 'minimalism' and 'cubism' have influenced 'Deconstructivism'. **25**

**Q.03.** With suitable sketches and examples, write an essay on how the 'principles and patterns of geometry' acted as a very important factor in shaping architectural design over decades and centuries. **25**

**Q. 04.** Citing suitable examples from art and architecture, describe in detail the philosophy of 'suprematism in architecture' with appropriate reference to the philosophical narratives of Immanuel Kant (1724-1804) and rational formulation made in the form of conceptualization as a movement of art and architecture by Kazimir Malevich (1879-1935). **25**

**Q. 05.** Mention the three prerequisites of design and six principles of design that were proposed by the Roman architect Vitruvius (flourished in 1<sup>st</sup> century BC). Describe how the said six Vitruvian principles of architectural design could be reframed within contemporary computational design discourse. **25**

**Q. 06.** Describe the academic journey and consequent progress in research and learning made by Andrea Palladio (1508-1580) in respect of art and science of architecture. Describe the theoretical basis and principles followed by him toward evolving and emergence of 'Palladian Architecture'. **25**

**Q. 07.** In light of the eminent architect Robin Boyd's narratives on historicity and chronological development of architecture, elucidate "Architecture is the only art that always starts with a puzzle. Each architectural problem at first is something like a jigsaw puzzle spilled out of its box". **25**