

BACHELOR OF ARCHITECTURE 2ND YEAR 1ST SEM. EXAM.2023

(Supplementary)

Theory of Architecture – I

Time: Three hours

Full Marks: 100

The figures in the margin indicate full marks.

Answer any **four** questions

Use explanatory sketches wherever required

1. What are the three main aspects of Architecture, as per Vitruvius? Explain the same with one example from Roman Architecture? Support with sketches. 5+20

2. What is Golden Mean Rectangle? With sketches, elaborate its application in four architectural works. 5+20

3. Explain the 'Five points of Architecture' demonstrated by Le Corbusier in Villa Savoye. What are the various proportions used in the design of façade of Villa Savoye. Support with Sketches. 10+15

4. Why Space has been called the 'main protagonist of Architecture'? Explain. 'Architectural space can be experienced only in the interior of a building' Do you agree or disagree with the statement? Explain why. 15+10

5. A) Write brief descriptions on 'Le Modulor' and Parthenon and support with sketches. 10+10+5
B) 'Colour is still used symbolically in many ways' Explain with examples.

6. How climate plays an important role in shaping architecture of a place? Give examples. Explain with sketches the thermal system of traditional house form of Pals of Ahmedabad. 15+10