

B. ARCH 5TH YEAR 1ST SEMESTER EXAMINATIONS 2017

DESIGN METHODOLOGY

Time: 3 Hours

Max. Marks: 100

- 1) *Answer all Questions*
- 2) *Answer through drawings/sketches ONLY. No descriptions are needed and they would, hence, not be graded*
- 3) *Provide neat drawings/sketches and label them when needed for each answer*

- 1) From the list provided below, demonstrate any 5 design attitudes of the architect through drawings/sketches and label. (any 5) 50
 - a. Structure in Design in the works of Norman Foster
 - b. Traditional urban pattern of open and closed in the works of Raj Rewal
 - c. Concept, Content, Context for Bernard Tschumi
 - d. Geometry and Scale/Proportion for Le Corbusier
 - e. Form and Structure in the works of Zaha Hadid
 - f. Use of Courtyard in the works of Charles Correa
 - g. Use of curvilinear forms in the works of Oscar Niemeyer
 - h. Deconstructivist Architecture of Daniel Libeskind
 - i. Use of light by Tadao Ando
 - j. Light and Shadow in the works of Louis Kahn

- 2) Based on what you learnt from the thoughts/ideas/attitudes of the architect you studied and presented, make 5 initial sketches showing the design intentions for a single family 3 floor house in Kolkata on a plot measuring 10mtsX20mts. While the rear setback for the house is 3.0mts, all others are of 1.5mts each. The narrower side of the plot faces a 6mt wide road on the East. You may assume any other data needed for the design. Label sketches to show the intentions.