

BACHELOR OF ARCHITECTURE FIFTH YEAR FIRST SEMESTER (Old) 2018

DESIGN METHODOLOGY

Time: 3 Hours

Full Marks: 100

Answer all questions only through sketches and labels. Any writing besides labels and points (if needed) will not be considered or graded.

1. From the presentations by others this semester, give 10 Design approaches of Corbusier only through sketches and label them. (30)
2. Based on your reading of 'Towards a New Architecture', the 'Radiant City' or the 'Modular', give your understanding of Corbusier's Design Methods only through sketches and captions. (30)
3. Below are 2 otherwise related sketches famously associated with Le Corbusier. Based on your understanding of them, design a 3BHK house with other necessary requirements and sizes on an open piece of land. One may assume the surroundings, orientation and approach to the place. Give sketch plans, elevations and sections, details, along with views to explain your design. (40)

Le Corbusier comments on form:

Cumulative Composition

- additive form - a rather easy type
- picturesque; full of movement
- can be completely disciplined by classification and hierarchy

Cubic Composition (Pure Prisms)

- very difficult (to satisfy the spirit)

Very easy

- (convenient combining)

subtractive form

- very generous
- on the exterior an architectural will is confirmed
- on the interior all functional needs are satisfied (light, penetration, continuity, circulation)

18

