

BACHELOR OF ARCHITECTURE FIRST YEAR FIRST SEMESTER 2018
DESIGN FUNDAMENTALS

Time: 3 Hours

Full Marks: 100

All questions carry equal marks.

Answer any 5 questions.

Besides answer copies for rough work you may use a maximum of 5 half imperial drawing sheets.

1. In a square of 15cmX15cm, abstract any alphabet and any number to make a logo in b/w or color.
2. Draw 5 squares of 20cmX20cm each on the sheet and make any 5 postures of a person doing different activities inside them, with furniture if needed, in 1:10 and dimension them.
3. In a square of 15cmX15cm, make a b/w 'dog and the bone' puzzle with a near equal 'figure' and 'ground'.
4. Show any 5 different kinds of 'order' with 4 sketches for each.
5. Design a bag with sheets of newspaper and adhesive that can carry the weight of 1 brick. Show the process of making through sketches and labels.
6. Using 'isometric' drawing, make a square of 12cmX12cm. Divide this square into 3 square each in both directions making further squares of 4cmX4cm each. Place 16 number columns each measuring 0.2cmX0.2X4cm high at each intersection. Use 8 to 12 number walls that are 0.2cm thick and 4cm high of desired length between these columns to show an interesting movement.
7. Make compositions in squares of 10cmX10cm each to show any 4:
 - a. Radial Balance
 - b. Axial Balance-Symmetry
 - c. Axial Balance- Symmetrical Form Asymmetrical Color
 - d. Reversible 'Figure' and 'Ground'
 - e. Dynamic Value in the Field