

Bachelor of Architecture First Year First Semester Exam- 2022

DESIGN FUNDAMENTALS

Time: Three hours

Full marks: 100

**Qs. No. 1 is compulsory. Answer any FOUR questions.**

**Blank pages left unnecessarily in the answer script will be discredited.**

**Answers to a question/ or part of it shall not be split across the answer script.**

1. Draw and analyse the designs of any two of the following in relation to the '*causes*' of design: desk chair, lounge chair, dining chair, garden chair. (25)
2. What are the different ways of design organization? Describe each with the help of diagrams/ sketches. (12 + 13 = 25)
3. Briefly explain the principles of design with suitable graphic examples. Draw a logo in a 10x10 cm square on '*Architecture for peace*' by applying these principles. (10 + 15 = 25)
4. Make GRAPHIC notes on: (5 x 5 = 25)
  - a. Closure
  - b. Tone and texture in design
  - c.  $\sqrt{2}$  rectangle
  - d. Hogarth's line of Beauty
  - e. Radial balance
5. How can colour dynamics be applied in spatial design? Explain with respect to three different building-related spaces. [10 + (3x5) = 25]