

**COMBINED FIRST & SECOND SEMESTER (S1 S2) B.Arch DEGREE
EXAMINATION, MAY / JUNE 2005****Paper—THEORY AND METHODOLOGY OF ARCHITECTURAL DESIGN
(2003 Scheme)**

Time : Three Hours

Maximum : 100 Marks

Answer all questions.

Illustrate answers with sketches

I. Write short notes on any *five* of the following :—

- a) Symmetry and balance.
- b) Properties of warm and cool colours.
- c) Order.
- d) Symbolism.
- e) Golden section.
- f) Unity and duality.
- g) Platonic forms.

(5 × 5 = 25 marks)

2. a) What is the need for contrast in architecture ? What are the various types of contrast ? Explain with sketches.

Or

- b) Explain what you understand by 'Colour harmony', 'harmony of direction' and 'harmony between building and site'. Illustrate your answer.

(15 marks)

3. a) Explain how the human eye perceives shape and size. What factors affect the perception?

Or

- b) What is meant by binocular vision ? How does it influence visual perception ? Explain.

(15 marks)

4. a) How do structural elements influence architectural aesthetics ? Explain with sketches.

Or

- b) What are the different ways in which decorative elements are integrated into the design of a building ? Explain with sketches.

(15 marks)

Turn over

5. a) 'House is a machine for living in' said LeCorbusier. Explain this statement and illustrate with his works.

Or

- b) Explain how climatic concepts have influenced charles correa's architecture, with the help of examples.

(15 marks)

6. a) Differentiate between analysis and synthesis in architectural design.

Or

- b) What is meant by design brief ? How does it influence design ? Explain.

(15 marks)