

No. of Printed Pages : 03

Roll No. ....

**2006**

**B. Arch. EXAMINATION, Dec. 2017**

(First Semester)

(Old Scheme) (Re-appear Only)

(Arch.)

AR-113-G

ARCHITECTURAL DESIGN THEORY-I

*Time : 3 Hours]*

*[Maximum Marks : 50*

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Before answering the question-paper candidates should ensure that they have been supplied to correct and complete question-paper. No complaint, in this regard, will be entertained after the examination.

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**Note :** Attempt *Five* questions in all, selecting at least *one* question from each Unit. All questions carry equal marks. Illustrate your answers with the help of diagram, sketches and maps wherever necessary.

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**P.T.O.**

## **Unit I**

1. Explain the following with sketches :
  - (a) Transition
  - (b) Sepia
  - (c) Harmony
  - (d) Focal point
  - (e) Dominance.
2. What is Design ? Explain the four groups of elements of design.

## **Unit II**

3. “Perception” refers to the ways in which conscious beings sense, interpret, and understand by larger environment in which they exist. Explain this statement with reference to architecture design.
4. Explain the following with sketches :
  - (a) Mathematical ratios Fibonacci series
  - (b) The golden section
  - (c) Anthropometry
  - (d) Visual Scale.

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## **Unit III**

5. Rhythm is perceived periodicity it acts to the extent to which such a periodicity alters in us the habitual flow of time. Explain this statement with neat sketches.
6. Architectural form is the point of contact between mass and the space, explain this statement. Describe the dimensional transformation, subtractive transformation and additive transformation of form.

## **Unit IV**

7. Explain the following :
  - (a) Subtractive Colour
  - (b) Additive Colour
  - (c) Fugitive colours
  - (d) Analogous Colours.
8. Explain the colour concept of Ostwald system. On what basis a double-cone is created.

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