

Seat No. : \_\_\_\_\_

**13E-138**

May-2015

**B.Arch./ID/BCT Sem.-VI**

**AR-604 : Design Theory**

**(New)**

**Time : 2 Hours]**

**[Max. Marks : 50**

- Instructions :** (1) All questions are compulsory.  
(2) Use neat sketches to illustrate your answer, if necessary.

1. Answer in detail : **(2 out 4)** **10**
  - (a) What is Aesthetics in architecture ?
  - (b) Explain social and design issues in housing.
  - (c) How relevant are the ideas of Vitruvius today ?
  - (d) How scientific inventions help in designing buildings ?
  
2. Write short notes : **(2 out 4)** **10**
  - (a) Concept of a Sector in Town planning.
  - (b) Describe any European square with sketches.
  - (c) How was planning of New Mumbai conceived ?
  - (d) What do you mean by Neighborhood planning ?
  
3. Answer with sketches : **(1 out 3)** **10**
  - (a) Explain design of Fatehpur Sikri.
  - (b) Describe in detail Sir. Ebenzer Howard's Garden city movement.
  - (c) Write in detail Evolution of Modern Delhi.
  
4. Write short notes : **(2 out 4)** **10**
  - (a) Chicago School
  - (b) Philosophy of Luis Khan
  - (c) Residential Building – Unite de Habitation
  - (d) Modern ways of Communication in Cities
  
5. Answer the following : (each carries 2 marks) **10**
  - (a) Name oldest Steel city in India.
  - (b) The concept of 'Conservative Surgery' was conceived by ?
  - (c) First Metro Railway in India was designed in which city ?
  - (d) Name residential building designed by Charles Correa.
  - (e) Write three principles of architecture by Vitruvius.

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