

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

# TC-201

B.Arch/ID/BCT Sem.-IV

May-2013

## Landscape Design (AR – 406)

Time : 2 Hours]

[Max. Marks : 50

- Instructions :**
- (1) Attempt **all** questions.
  - (2) Figures on the right indicate full marks.
  - (3) Draw neat sketches wherever required.
  - (4) Assume suitable additional data if required.

### SECTION – I

1. Answer in detail : 10  
“Site analysis provides the basis for good site planning.” – Describe in detail the natural, cultural and aesthetic factors affecting site planning.

**OR**

Select eight dominant aspects of natural process and using them explain the Ecological method of “Selecting open space in the metropolis”.

2. Answer in short (any **four**) : 8
- (1) Explain what is an Axial layout with examples.
  - (2) Describe man’s changing relationship with the natural environment in four phases of his development.
  - (3) How do the terrace gardens of Mughals in Kashmir differ from terrace gardens of the Italian Renaissance ?
  - (4) Explain Mughal gardens with special emphasis on symbolism.
  - (5) What is a “land-unit” ? What is a “watershed” ?
  - (6) What are the intentions in proposing vegetation policies for large scale projects today ?

3. Answer in **one** line (any **seven**) : 7
- (1) Which are the utilities basic for development ?
  - (2) What are aquifer recharge areas ?
  - (3) What is a Ridge ? What is a Valley ?
  - (4) What is an ecosystem ?
  - (5) Which are the abiotic elements ?
  - (6) What is the basic difference between a tree and a shrub ?
  - (7) Which are the two broad classes of ecosystem ?
  - (8) How are landforms derived ?



## SECTION – II

4. Answer in detail : 10  
Describe in detail “Resource Analysis Process” carried out after site analysis is done.

**OR**

Give a seven point framework for understanding Designed Landscapes across time.  
Explain in detail any four points by giving examples.

5. Answer in short (any **four**) : 8
- (1) Describe the difference between the economists view, the geometric planners view and the ecological view of dealing with nature and natural processes.
  - (2) What are the functions of public open space today ?
  - (3) “Central Park” in New York City was designed by Fredrick Law Olmstead. Why is this Park important ?
  - (4) What is human scale and how does it differ from monumental scale ?
  - (5) Which are the land uses compatible with flood-plains ?
  - (6) Which are the two distinctly different approaches with regards to siting ?
6. State whether the following statements are true or false : 7
- (1) Vegetation is a good indicator of soil and microclimate.
  - (2) A natural pond is a very good example of a natural ecosystem.
  - (3) Mughal Gardens have non-geometric layouts.
  - (4) Aquifer recharge areas are the points of interchange between surface water and soil.
  - (5) Mughal Gardens of Kashmir are monumental in scale.
  - (6) First Public Park was designed by Joseph Paxton.
  - (7) Biotic world depends on the abiotic world.
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