

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**BE Arch. – SEMESTER – IV • EXAMINATION – WINTER • 2014**

**Subject Code: 1045006****Date: 05-12-2014****Subject Name: Landscape Architecture****Time: 10:30 am - 12:30 pm****Total Marks: 50****Instructions:**

1. Attempt all questions.
2. Draw sketches wherever necessary.
3. Figures to the right indicate full marks.

- Q.1 (a)** What is meant by “ LANDSCAPE STYLE” ? Explain different styles used in Landscape Designing. **05**
- (b)** Define Eco-system. Explain Energy-Flow in Eco-System with the help of examples and necessary sketches. **05**
- Q.2 (a)** Name different types of Eco- systems with examples. **02**
- (b)** What is Environmental Conservation? Explain with sketches the following landscape design concepts as tools for Environmental Conservation. **08**  
 ( i ) Rain water harvesting ( ii ) Soil Conservation.
- OR**
- (b)** Explain with sketches “ Water “ as “ Resource” in Landscape Design. **08**
- Q.3 (a)** Define Softscapes and Hardscapes. Explain with sketches the Shaded structures used as Hardscape in Landscape designing. **05**
- (b)** Define the term “ Edging”. Explain with sketches the various ways of doing Edging in Landscape designing. **05**
- OR**
- Q.3 (a)** Define “ Site Analysis”. Mention the factors affecting Site Analysis. Describe any two factors in detail. **05**
- (b)** Explain with sketches use of Water as a Landscape Design Element. **05**
- Q.4** What are the key principles of Landscape Architecture? Describe each Principle with suitable sketch and example. **10**
- OR**
- Q.4** Write short notes on any two of the following Historical Gardens describing their landscape design principles characteristics and elements used. **10**  
 ( i ) Moghul Gardens ( ii ) English Gardens ( iii ) Chinese Gardens  
 ( iv ) Japanese Gardens ( v ) French Gardens.
- Q.5** Name the Elements of Landscape Design. Explain with sketches Plant material as a Design Element. **10**
- OR**
- Q.5** Design a common open plot ( C.O.P) for a Residential society in Amdavad, Gujarat. C.O.P = 10 M x 15 M. Use atleast 3 Elements and 3 Principles of Landscape Design. Identify the reason for using those elements and principles. Draw necessary plan in scale 1:50. Sketch atleast 2 enlarged details. **10**

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