

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**BArch- SEMESTER- 4 EXAMINATION – SUMMER 2016**

**Subject Code: 1045006****Date: 20/05/2016****Subject Name: Landscape Architecture****Time: 10.30AM – 12.30PM****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 ARCHITECTURE” ? Mention its scope in professional practice. Mention the stages of design process for Landscape design. **05**  
(b) Explain the importance of Environmental Conservation. Define Rain Water Harvesting and mention its advantages in the Urban Areas. **05**
- Q.2** (a) Mention the various factors affecting Site Planning. **02**  
(b) Explain any one of the following with sketches with reference to Site Planning:  
1. Visual Analysis 2. Existing Vegetation **08**  
**OR**  
(b) Explain with sketches the preparation of site plan to limit water and Energy Demand.. **08**
- Q.3** (a) Define Softscapes.Explain with sketches Plant material as an Element of Visual Design. **05**  
(b) Define the term “ Linkages”. Explain with sketches the various Linkages in Landscape designing. **05**  
**OR**
- Q.3** (a) Describe Landform as an “Enclosure” in landscape design with necessary sketches. **05**  
(b) Name the basic elements of Landscape Design. Explain any two in detail with appropriate sketches. **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 ) Persian Gardens ( iii ) Zen Gardens  
( iv ) Byzantium Gardens ( v ) Roman Gardens.
- Q.5** Explain the importance of Lighting in Landscape Architecture . Explain with sketches the use of Lighting in Public Gardens. **10**  
**OR**
- Q.5** Name any 5 trees grown in Gujarat. Give the details of the same with respect to requirement of soil-type, water , planting season, height of fully grown tree, diameter of foliage. **10**

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