

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**