

GUJARAT TECHNOLOGICAL UNIVERSITY
DIPLOMA ENGINEERING – SEMESTER –IV • EXAMINATION – SUMMER 2016

Subject Code: 3346204**Date: 04-06-2016****Subject Name: Landscape Architecture****Time: 10:30 AM TO 12:30 PM****Total Marks: 50****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. Each question carry equal marks (14 marks)

- Q.1** (a) Define “LANDSCAPE ARCHITECTURE”. Explain why it is termed as a Multi-Disciplinary field. **05**
- (b) How will you describe ecology and ecosystem? Explain in brief using various definitions and suitable examples. **05**

- Q.2** (a) How does conservation of Natural Resources become important in present times? **02**
- (b) Explain with sketches the following landscape design concepts as tools for Environmental Conservation. **08**
- (i)Rain water harvesting , or (ii) Soil Conservation.

OR

- (b) Explain with sketches Plant Material as a Design Element. **08**
- Q.3** (a) Define Hardscapes. Explain with sketches the importance of pathways and benches in Landscape designing. **05**
- (b) Explain the importance designing parking. With the help of sketches show various ways(any 3) of parking cars alongwith the dimensions as per standards. **05**

OR

- Q.3** What are the elements of landscape architecture? Explain with sketches and elaborate their role and significance in landscaping. **10**

- Q.4** What are the key principles of Landscape Architecture? Describe any 3 Principles 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) Hellinistic Gardens (iii) Chinese Gardens
 (iv) Japanese Gardens .

- Q.5** What is meant by “ Softscapes”?. Sketch different rendering techniques for showing deciduous, evergreen and coniferous trees, shrubs, fountain , water jets **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**