Seat No.:	Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY D.ARCH. - SEMESTER- IV • EXAMINATION -WINTER 2015

Date: 04/12/2015

Subject Code: 3346204

Subject Name: Landscape Architecture Time: 02:30 PM TO 4:30 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) Explain the need and importance of Landscape Design. 05 (b) Explain the Landscape Design Process normally adopted. 05 **Q.2** Define the following terms: 02 (a) 1) Foliage 2) Swale 3) Grade 4) Contour Interval **(b)** Explain the following: **08** 1) Importance of Lighting in Landscape Design, 2) Rain Water Harvesting (b) Explain with sketches "Water "as a Design Element in Landscape Design. 08 0.3 (a) Explain the importance of grading in Landscape Architecture. 05 Explain the factors affecting selection of Plant Material. 05 **(b) Q.3** Define "Site Analysis". Explain the factors affecting Site Analysis. 05 (a) Name the basic elements of Landscape Design. Explain any two in detail with 05 appropriate sketches. **Q.4** What are the key principles of Landscape Architecture? Describe each Principle 10 with suitable sketch and example. OR Name the different Garden Types. Explain any two types in detail with **Q.4** 10 necessary sketches. What is meant by "Hardscapes"?. Explain with sketches use of any two **Q.5 10** hardscape elements in Landscape design. OR Name any 5 trees grown in Hot and Humid climate. Give the details of the same **Q.5 10** with respect to requirement of soil-type, water, planting season, height of fully grown tree, diameter of foliage.