Seat No.:	Enrolment No
GUJARAT TECHNOLOGICAL UNIVERSITY BE Arch. – SEMESTER – IV • EXAMINATION – SUMMER • 2014	
Subject Code: 1045006	Date: 05-06-2014

Subject Name: Landscape Architecture Time: 10:30 am - 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. Q.1 (a) Define Landscape Architecture and explain scope of work in professional 05 practice. **(b)** Define Ecology and explain the types of Eco-systems with examples. 05 (Draw sketches wherever required.) Q.2 (a) Explain the importance of conservation of natural resources with examples. 03 (b) Explain in detail the importance of, components and methods of Rain Water 07 Harvesting along with necessary sketches. (b) What is Landform? How is Landform addressed in design issues? Explain 07 Landform as Enclosure in detail with examples and sketches. Define Softscapes. Name the components of Softscapes. Explain Plant material 0.3 as an Element of Visual Design. (b) Give 2 examples each of Indian trees, flowering plants, non-flowering plants, 05 shrubs and creepers with their details of soil requirement, water requirement, height of matured plant, and foliage coverage. Explain the components of Hard landscape in detail along with sketches. 05 Q.3(a) Explain the importance of Lighting in landscape design. Give examples of 05 Garden lighting with sketches. **Q.4** Describe in detail 5 principles of Landscape designing with sketches. 10

Describe the use of water as an Element of Landscape Design. **Q.4** 10

Q.5 What are the main design features of the following Ancient Gardens: 10 (i)Persian, (ii) Egyptian, (iii) Hellinistic, (iv) Italian Renaissance, (v) Ancient Chinese.

OR

Design Landscaping for the given residence and sketch the design in plan. 10 **Q.5** Show any 2 details in enlarged sketch.




