Seat No.: _____   Enrolment No._____

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. (i)Moghul Gardens (ii) Persian Gardens (iii) Zen Gardens (iv) Byzantium Gardens (v) Roman Gardens.	**10**
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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