Seat No.: _____   Enrolment No._____

GUJARAT TECHNOLOGICAL UNIVERSITY
D.ARCH-II – SEMESTER-IV– • EXAMINATION – WINTER-2017

Subject Code: 3346204   **Date: 07-11-2017**

Subject Name: Landscape Architecture

Time: 02:30 PM TO 04:30 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".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. (i)Rain water harvesting , or (ii) Soil Conservation.	**08**

OR

	(b)	Explain with sketches, WATER as a Design element.	**08**
Q.3	**(a)**	Define Hardscapes. Explain with sketches the importance of STREET FURNITURE.	**05**
	(b)	Explain the importance of 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 <u>any two</u> of the following Historical Gardens describing their landscape design principles characteristics and elements used. (i)Moghul Gardens (ii) Hellinistic Gardens (iii) Chinese Gardens (iv) Japanese Gardens .	**10**
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**

OR

Q.5	Explain the importance of Site Analysis in Landscape Designing. Give appropriate examples alongwith sketches.	**10**