GUJARAT TECHNOLOGICAL UNIVERSITY
B.ARCH. - SEMESTER–IV EXAMINATION – WINTER 2015

Subject Code: 1045006   **Date:08/12/2015**
Subject Name: Landscape Architecture
Time: 2:30pm to 4:30pm   **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 Practice.	**05**
	(b)	Define Eco-system. Explain various types of ecosystem with the help of Relevant sketches.	**05**
Q.2	**(a)**	What are the key factors for plant selection in landscape design.	**03**
	(b)	Explain what is rain water harvesting, its components and methods along With relevant sketches.	**07**
		OR	
	(b)	What are the functions of the enclosures? Discuss any two in detail.	**07**
Q.3	**(a)**	Explain what is hardscape, and its components in detail with sketches	**05**
	(b)	Give two examples each of Indian trees, flowering / non flowering plants , shrubs and creepers with details of height, foliage, flowering seasons and uses.	**05**
		OR	
Q.3	**(a)**	Explain the importance of lighting in landscape design. Give examples of Garden lighting with sketches	**05**
	(b)	Define softscape. Name the components of softscapes. Explain plant material As an element of visual design.	**05**
Q.4		Describe in detail 5 principles of landscape designing with sketches.	**10**
		OR	
Q.4		Write a note on any two of the following Historical gardens describing their Landscape design principle, characteristic and elements used. (1) Mughal Gardens (2) English Gardens (3) French Gardens (4) Japanese Garden	**10**
Q.5		Describe the use of water as an element of landscape design.	**10**
		OR	
Q.5	**(a)**	Design a Terrace garden for a residence in urban area of a city in Gujarat. Terrace area = 10 M X 15 M. Use atleast 3 elements and 3 principles of Landscape design. Identify the reason for using those elements and principles. Draw necessary plan in scale 1:50 . Sketch atleast 2 enlarged details.	**10**

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