

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. **10**
- (1) Mughal Gardens (2) English Gardens
(3) French Gardens (4) Japanese Garden
- 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**
