

Seat No: \_\_\_\_\_

Enrolment No: \_\_\_\_\_

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**B. ARCH - SEMESTER– IV EXAMINATION– WINTER- 2017**

**Subject Code: 1045006**

**Date: 27-11-2017**

**Subject Name: Landscape Architecture**

**Time: 02:30 PM TO 04:30 PM**

**Total Marks: 50**

**Instructions:**

- 1. Attempt all questions**
- 2. Draw sketches wherever necessary**
- 3. Figures to the right indicate full marks.**

**Q.1 (a)** Define 'Site Analysis'. Mention the factors affecting Site Analysis. Describe any two factors in detail. **05**

**(b)** What is meant by 'LANDSCAPE STYLE'? Explain different styles used in Landscape designing. **05**

**Q.2 (a)** Explain what is rainwater harvesting, its components and methods along with relevant sketches. **07**

**OR**

**(a)** What are the functions of the enclosures? Discuss any two in detail. **07**

**(b)** What are the key factors for plant selection in landscape design? **03**

**Q.3** What are the key principles of Landscape Architecture? Describe each principle with suitable sketch and example. **10**

**OR**

**Q.3** Write short notes on any two of the following historical gardens describing their landscape design principles, characteristics and elements used: **10**

(1) Mughal gardens, (2) Zen Gardens, (3) French Gardens.

**Q.4 (a)** Explain the importance of lighting in Landscape design. Give examples of garden lighting with sketches. **05**

**OR**

**(a)** Explain what is hardscape, and its components in detail with sketches. **05**

**(b)** Define softscape. Name the components of softscapes. Explain plant material as an element of visual design. **05**

**Q.5** Explain the following with sketches (**any 2**) **10**

**(a)** Rain water harvesting

**(b)** Soil Conservation

**(c)** Climate control