

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

Enrolment No. \_\_\_\_\_

## GUJARAT TECHNOLOGICAL UNIVERSITY

B.ARCH- SEMESTER-IV EXAMINATION – WINTER 2020

**Subject Code:2X45006**

**Date:03/03/2021**

**Subject Name:Landscape Architecture**

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

**Total Marks:50**

**Instructions:**

1. Attempt any FIVE questions out of SEVEN questions.
2. Make suitable assumptions 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)** Harvesting and mention its advantages in the Urban Areas. **05**
- Q.2** Explain the importance of Lighting in Landscape Architecture . Explain with sketches the use of Lighting in Public Gardens. **10**
- Q.3 (a)** What is Environmental Conservation? Explain with sketches of Soil Conservation. **05**
- (b)** Define Softscapes. Explain with sketches Plant material as an Element of Visual Design. **05**
- Q4** Name the basic elements of Landscape Design. Explain any two in detail with appropriate sketches. **10**
- Q.5** Explain following terms with necessary diagrams (Any 5): **10**
- |                    |                        |
|--------------------|------------------------|
| 1. Silhouette,     | 5. Swale               |
| 2. Hardscape       | 6. Water cascade       |
| 3. Artificial Turf | 7. Bio-diversity parks |
| 4. Paving          |                        |
- Q.6 (a)** Explain importance of grading and its uses in landscape. **05**
- (b)** Explain with examples: Urban landscape & religious landscape **05**
- Q.7 (a)** Explain functional, aesthetical, environmental & socio-cultural importance of landscape in architecture with examples. **05**
- (b)** What are the key factors for plant selection in landscape design? **05**

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