

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

B.Arch - SEMESTER- IV EXAMINATION – WINTER 2023

Subject Code:2X45006

Date:20-12-2023

Subject Name: Landscape Architecture

Time:10:30 AM TO 12:30 PM

Total Marks:50

Instructions:

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. Simple and non-programmable scientific calculators are allowed

- Q.1 (a)** Explain the cultural, conservational, aesthetical and functional uses of Landscape with suitable examples and sketches. **07**
- Q.1 (b)** Differentiate between Native and exotic plant species with appropriate examples. **03**
- OR**
- Q.1 (b)** What do you understand by the term “Biodiversity”? **03**
- Q.2** Write a short note on **any 2** elements of Landscape from the following: **10**
1. Water as an element of Landscape
 2. Plants as an element of Landscape
 3. Seasons as an important aspect of Planting
- Q.3** Explain in detail **any 2** of the following historical gardens in terms of their design principles, characteristic features and elements used, with appropriate sketches using respective garden examples: **10**
1. English Gardens
 2. French Gardens
 3. Mughal Gardens
- Q. 4 (a)** How can Landscape Architecture affect the microclimate of a space? Explain with suitable sketches. **05**
- OR**
- Q. 4 (a)** What do you understand by the term eco-systems? Explain any one ecosystem in detail. **05**
- Q.4 (b)** Do you think that the understanding of Landscape architecture is helpful to Architects? Justify your Answer. **05**
- Q.5** Explain various key principles of Landscape Architecture with appropriate examples and sketches. **10**
