

**GUJARAT TECHNOLOGICAL UNIVERSITY****BARCH - SEMESTER- IV EXAMINATION – WINTER 2021****Subject Code:2X45006****Date:31/12/2021****Subject Name: Landscape Architecture****Time:02:30 PM TO 04:30 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)** What do you understand by “Landscape Architecture”? How is the understanding of Landscape Architecture useful to Architects? **08**
- Q.2 (a)** Discuss the works and design philosophy with examples of any one Landscape Architect of your choice. **08**
- (b)** Match the following: **04**
- |                     |   |             |
|---------------------|---|-------------|
| 1. Mughal Gardens   | - | HA HA walls |
| 2. French Gardens   | - | Zen Gardens |
| 3. English Gardens  | - | Bosquet     |
| 4. Japanese Gardens | - | Char Bagh   |
- Q.3** Answer the following (**any 2**) **10**
1. Explain the various factors affecting the selection of plants.
  2. What do you understand by soil conservation? Explain various techniques of soil conservation with appropriate sketches.
  3. What are the micro-climatic factors affected by Landscape? How?
  4. Discuss water as an element of Landscape Design
- Q.4** Discuss the elements, characteristics and design philosophy of **any 2** of the following historical Landscape Gardens: **10**
1. French Gardens
  2. English Gardens
  3. Chinese Gardens
  4. Japanese Gardens
  5. Persian Gardens
- Q.5** Explain the cultural, conservational, aesthetical and functional uses of Landscape with suitable examples and sketches. **10**
- OR**
- What are the key principles of Landscape Architecture? Explain any 5 principle with appropriate sketch and example. **10**

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