

# GUJARAT TECHNOLOGICAL UNIVERSITY

B.Arch- SEMESTER-IV EXAMINATION – SUMMER 2025

**Subject Code:2X45006**

**Date:17-05-2025**

**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** Write a short note on: (**Any 3**) ( Each question contains 5 marks ) **15**

- a) Mughal Gardens
- b) French Gardens
- c) English Gardens
- d) Japanese Gardens
- e) Chinese Gardens
- f) Persian Gardens

**Q.2** Answer briefly: (**Any 3**) ( Each question contains 5 marks ) **15**

- a) What do you understand by “Landscape Architecture”? How is the understanding of landscape Architecture useful to Architects? Explain work of any one famous Landscape Architect.
- b) Explain the various factors affecting the selection of plants.
- c) Explain various techniques of soil conservation with appropriate sketches.
- d) What are the micro-climatic factors affected by Landscape? How?
- e) What do you understand by the term “Biodiversity”?
- f) Sketch any two Landscape details.

**Q.3** Write a short note on: (**Any 2**) ( Each question contains 5 marks ) **10**

- a) What are the key principles of Landscape Architecture? Explain any 5 principle with appropriate sketch and example.
- b) Differentiate between native and exotic plant species with appropriate examples.
- c) Ecology and ecosystem at various levels.
- d) Explain various landforms with sketches.

**Q.4** Answer briefly: (**Any 2**) ( Each question contains 5 marks ) **10**

- a) Explain any two element of Landscape. Example water, plants etc.
- b) Explain characteristic of any one case study of gardens from your city with sketches.
- c) Why conservation of natural resources is important?

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