

**PARUL UNIVERSITY**  
**FACULTY OF ARCHITECTURE AND PLANNING**  
**B.Arch. Winter 2022-23 Examination**

**Semester: 5****Subject Code: 01101305****Subject Name: Landscape Architecture****Date: 13/10/2022****Time: 10:00 am to 12:00 pm****Total Marks: 50****Instructions:**

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever required.
4. Draw suitable sketches wherever required.

**Q.1** Describe in detail, the functional, basic, design and artistic Principles of Landscaping. **(10)**  
Draw appropriate sketches where ever required.

**Q.2** Answer the following with neat sketches. ( **Attempt any five out of six**) **(20)**

- 1) Japanese garden and its elements and importance.
- 2) Mughal gardens and its elements and importance.  
Differentiate between
- 3)
  1. Landscaping and Gardening
  2. Micro-climate and Macro-climate.
- 4) Explain the various components of Ecosystem.
- 5) Briefly describe the history of gardens and state the reasons for development of gardens.
- 6) What is Rain water harvesting and state its importance?

**Q.3** Define the following ( **Attempt any five out of six**) **(10)**

1. Ground Cover
2. Foilage of tree
3. Patch and Grain
4. Hardscape and Softscape
5. Urban Heat Island
6. Comfort Zone

**Q.4** Explain the following in detail. ( **Attempt any two out of three**) **(10)**

Describe the role of Water Bodies in improving the micro-climate in an Urban Area. Draw

- 1) appropriate sketches.
- 2) Explain in detail, various functional aspects of plants.

What considerations are to be kept in mind while designing a garden space for a residence.

- 3) Explain with neat sketches, various materials that can be used for Softscape and Hardscape there in.