

PARUL UNIVERSITY
FACULTY OF ARCHITECTURE & PLANNING
B.Arch. / B. ID. Winter 2019-20 Examination

Semester: 5
Subject Code: 01101305
Subject Name: Landscape Architecture

Date: 05/12/2019
Time: 10:00am to 12:00pm
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 Define Landscaping. What is the need of Landscaping? Describe the principles of Landscaping - (10)
Functional, Artistic, Basic and Design through appropriate examples and sketches.

Q.2 Attempt any five out of the following Six: (20)

- 1) Define briefly:
 - a) Green vegetative wall
 - b) Native
 - c) Ecosystem
 - a. Foliage
- 2) Explain the role of water bodies in Urban Region and its impact on climate.
- 3) Explain the different elements of Mughal Gardens with neat sketches.
- 4) Differentiate between Landscaping & Gardening.
- 5) Explain various surfacing materials used in landscape.
- 6) Describe the history of gardens briefly. What the reasons for the development of gardens

Q.3 Explain the Following: (any five) (10)

- a) Functional aspects of Plants.
- b) Enlist the elements of Japanese Garden with relevant sketches.
- c) Consideration of Plants in Parking Area
- d) Heat Island Effect and Micro Climate for any region.
- e) Different types of soil used in Landscape.
- f) Landscape Ecology.

Q.4 Answer the Following: (any two) (10)

- a) Give a comparison between Hardscape, Softscape and Waterscape.
- b) What consideration is to be kept in mind while designing rain water harvesting for a small residence. Explain ways to reuse water in the building.
- c) Explain in detail manual transplanting and mechanical transplanting of trees with sketches?