

Seat No: _____

Enrollment No: _____

PARUL UNIVERSITY
FACULTY OF ARCHITECTURE & PLANNING
B.Arch. / B. ID. Winter 2018-19 Examination

Semester: 5

Subject Code: 01101305

Subject Name: Landscape Architecture

Date: 13/12/2018

Time: 02:00pm to 04:00pm

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 and Explain briefly:

- a. Griha
- b. Heat Island and Micro Climate
- c. Fencing
- d. Mound

2) Explain the components of Ecosystem.

3) Explain the different elements of Mughal Gardens with neat sketches.

4) Differentiate between Landscaping & Gardening.

5) Explain the role of water bodies in Urban Region and its Impact on Climate.

6) Describe the history of gardens briefly. What are the reasons for the development of gardens

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

- a) Enlist the elements of Japanese Garden with relevant sketches.
- b) Landscape Ecology.
- 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) Functional aspects of Plants.

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

- a) Give a comparison between Hardscape, Softscape and Waterscape.
- b) Why rain water harvesting is important and how it can be done in small residential spaces.
- c) Explain the role of water bodies in Urban Region and its impact on climate.