

P P SAVANI UNIVERSITY

Fifth Semester of B. Arch Examination

September 2021

SAAR3140 Introduction to Landscape Architecture.

30.09.2021, Thursday Time: 02:00p.m. To 03:30p.m. Maximum

Marks: 100

Instructions:

1. Numbers on the right side indicates full marks.
2. Make suitable assumptions and draw neat figures wherever required.

Q-1 True and false

[10]

- (i) Proper grading is necessary to drain the sites adequately.
- (ii) "Khadar & Bhangar" is type of Alluvial soil.
- (iii) Plants cannot be used to soften and balance harsh and awkward Architectural angles.
- (iv) All Indoor Plants need full shade from the Sun light.
- (v) A space feels larger with fine textured plants on the perimeter.
- (vi) It is good idea to plant a shady tree on the north side of the building to get the benefit of shade.
- (vii) Vegetation can be used as a buffer to control wind noise and solar radiation.
- (viii) Warm colored plants perceive large spaces to be more intimate.
- (ix) Black soil is low moist retentive.
- (x) Stone flooring in garden is artificial landscape element.

Q-2 Explain following terms with necessary diagram (Any 5)

[10]

- | | | |
|----------------------|-------------------|------------|
| a) Soil conservation | b) Hard Landscape | c) Grading |
| d) Ground cover | e) Swale | f) Native |

Q-3 Match the following.

[05]

- | | |
|---|-------------------|
| (i) Topiary flourished in a period of | a) Chinese Garden |
| (ii) Rocks and water form the structure of the gardens. | b) Mughal Garden |

(iii) This garden showed a non geometrical approach to landscape design.

c) Italian Garden

(iv) Hostile environment of Dessert and Oasis

d) English Garden

(v) Gardens was on the basis of Charbaug variations

e) Persian Garden

Q-4 Attempt any five.

[25]

(i) Explain use of Plants in any Landscape design; discuss the considerations while selecting plants.

(ii) Enlist functional aspects of plants; explain any three in detail with suitable diagrams.

(iii) Explain Alluvial soil, Laterite soil.

(iv) Give botanical name of 3 trees and 2 indoor plants; also sketch all three trees foliage pattern.

(v) Discuss elements of design in the Chinese garden.

(vi) Explain role of Landscape Design in correlation with Architecture.

Q-5 Answer the question.

[20]

(i) Explain Elements of Landscape design with appropriate sketches.

Or

(i) Explain any Landscape project that you have studied, explain concept, plan, and planting strategy and give sectional details.

Q-6 Attempt any two.

[30]

(i) Describe similarities and differences in Persian and Mughal style landscape with examples.

(ii) List down principles of landscape Architecture; explain in detail with appropriate sketches.

(iii) Describe French and English Gardens with examples.
