

FIFTH SEMESTER DIPLOMA EXAMINATION IN ARCHITECTURE
MARCH 2015

LANDSCAPE ARCHITECTURE

(Maximum Marks : 100)

(One A₂ size tracing sheet to be provided)

(Time : 4 Hrs)

PART - A

(Marks)

(Maximum marks: 10)

- I Answer the following questions in one or two sentences. Each question carries 2 marks
- 1 What are the visual elements of landscape design?
 - 2 What is Bonsai?
 - 3 Draw the view of a garden seat that can be used in a public park.
 - 4 Name two methods of propagation of plants
 - 5 Write any two principles of garden design?

[5x2 =10]

PART - B

(Maximum Marks : 30)

- II Answer any five of the following g questions. Each question carries 6 marks
- 1 Explain Principles of grading?
 - 2 Suggest any two indoor plants that can be used in a residential building.
 - 3 Explain briefly the natural and artificial elements of landscape architecture.
 - 4 Write short notes on :
 - (a) Shrubs.
 - (b) Climbers.
 - (c) Creepers
 - 5 Sketch the plan. Elevation and view of a gazebo in Mughal style, Mention the materials used and dimensions.
 - 6 Write the relevance of landscape planning in Industrial site planning.
 - 7 What is grafting, Explain different types of grafting.

[5x6=30]

PART - C

(Maximum Marks : 60)

(Answer one full question from each unit. Each full question carries 15 marks)

UNIT I

- III a Explain with sketches elements and characteristics of Japanese garden [9]
 b Classify Japanese garden, Explain [6]
- IV a State any six features of French garden [6]
 b Briefly explain formal and informal garden with the help of sketches? [9]

UNIT II

- V a What are lawns? What are the different types of grasses used for lawns? [3]
 b Explain the process of installation of lawns. [6]
 c What are the points to be observed for the maintenance of lawn? [6]

OR

- VI a Suggest any 4 trees that can be planted by the side of roads. Give common name, Botanical name and nature of growth. [8]
 b How will you construct a terrace garden. What are the precautions to be taken. [7]

UNIT III

- VII a Explain rock as a landscape element [6]
 b Explain different types of sprinklers [6]
 c Sketch the view of pergola [3]

OR

- VIII a Write short notes on : [3 x 5 = 15]
 (1) Garden Lighting
 (2) Garden Furniture
 (3) Retaining Walls

UNIT IV

- IX Design a garden in front of a residence of outer dimension 12mx8m in a plot of 25mx20m. prepare landscape plan incorporating the details of materials and plants. [15]

OR