

DIPLOMA EXAMINATION IN ENGINEERING/TECHNOLOGY/MANAGEMENT/  
COMMERCIAL PRACTICE – OCTOBER/NOVEMBER-2018.

**LANDSCAPE ARCHITECTURE**

(Maximum Marks : 100)

[Time : 3 Hrs]

**PART-A**  
(Maximum marks : 10)

Marks

**I.** Answer **all** questions in one or two sentences. Each question carries 2 marks.

1. List any four avenue trees.
2. Define columnar tree with a sketch.
3. State any two uses of ground cover in landscape.
4. Name any four elements of Japanese garden.
5. Mention the uses of sprinkler.

(5X2=10)

**PART - B**  
(Maximum Marks : 30)

**II** Answer any five of the following questions. Each question carries 6 marks.

1. Describe symmetry in landscape with an example.
2. Write a short note on the use of colour explaining colour in plants and hardscapes.
3. Explain the physical requirements of plants.
4. Define bulbs, corms and tubers. Give two examples for each.
5. Illustrate any three materials used for paving.
6. Explain the role of stones in Japanese garden.
7. Sketch any three types of lighting fixtures used in landscape.

[5x6 =30]

**PART - C**  
(Maximum marks : 60)

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

**UNIT I**

**III** State any five purposes of plants in indoors. Give examples for plants that can be used for each use.

(15)

**OR**

- IV** (a) Explain the principles of grading. (8)  
(b) List out the objectives of grading. (7)

**UNIT- II**

- V** Classify plants according to horticultural purpose. (15)

**OR**

- VI** Select five trees suitable to plant in a college campus. Write their botanical name and common name. Explain the peculiarity of each tree to justify the selection. (15)

**UNIT- III**

- VII** (a) Describe the uses of retaining wall. (5)  
(b) Explain different types of retaining walls. (10)

**OR**

- VIII** Prepare a layout of garden in a terrace of size 12m x9m. Mention the plants and materials used in the landscape. (15)

**UNIT – IV**

- IX** In a Mughal garden hardscaping elements are as important as softscaping elements. Establish the above statement considering any three hardscape elements. (15)

**OR**

- X** Explain the different types of Japanese gardens. (15)

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