



Roll No.....

End Semester Examination, December 2024
Bachelor of Architecture – 7th Semester
SITE PLANNING & LANDSCAPE DESIGN (APAR427A)

Time: 2.5 hrs.

Max Marks: **50**

Note: **All Questions are compulsory. Marks are indicated against each question.**

PART-A

Q.1 Attempt any five (5) as instructed in the respective questions:

- | | |
|---|-----------------------|
| (a) List the different Land Use Classes with their respective color legend. | [CO-1] [L-1] 2 |
| (b) Recall names of indoor plants that can be used in building entry foyer. | [CO-1] [L-1] 2 |
| (c) What is Social Infrastructure? | [CO-1] [L-1] 2 |
| (d) What information is typically included in a master plan drawing? | [CO-1] [L-2] 2 |
| (e) Explain the term FAR. | [CO-1] [L-2] 2 |
| (f) What are the five elements of the city identified by Kevin Lynch? | [CO-1] [L-2] 2 |
| (g) What is the purpose of a 'planting plan' in landscape design? | [CO-1] [L-2] 2 |

PART-B

- Q.2** Compare and contrast the salient features of French and Mughal gardens, focusing on their design principles, aesthetic elements, and symbolic meanings. Explain how these features reflect the cultural and historical contexts of each garden type. [CO-2] [L-3] **10**

OR

Discuss the mythology associated with Chinese gardens and explain how it influences their design. Describe the salient features of Chinese gardens, providing specific examples of how these features reflect Chinese philosophy and cultural values. [CO-2] [L-3] **10**

- Q.3** Evaluate how landscape designers can create a comfortable micro-climate through the efficient selection and placement of plants, trees, and water bodies, and discuss the design philosophy behind such landscape design choices. [CO-3] [L-4] **10**

OR

Discuss with sketches the role of water and vegetation as elements in landscape design. Examine the concepts and ideologies of any two noted Landscape Architects whom you admire. Give some examples and explain at least one project of each. [CO-3] [L-4] **10**

- Q.4** Critically assess how sustainable design principles can be integrated into site plan preparation and evaluate the long-term importance of these principles in promoting environmental, economic, and social sustainability. [CO-4] [L-5] **10**

OR

Evaluate the importance of site analysis before undertaking construction and assess how a thorough site analysis contributes to successful landscape design. Discuss in detail the key parameters to be considered in site analysis. [CO-4] [L-5] **10**

- Q.5** What factors should be considered when choosing plant materials for specific design applications? Design a patio for a residence. Provide a conceptual plan and specify details of all Softscape, Hardscape and Plant materials used. [CO-4] [L-6] **10**

OR

Discuss the importance of plant selection from ecological, aesthetic, symbolic, and functional points of view in landscape design. Conceptualize a plan for an outdoor dining space in a restaurant. Specify details of all Softscape, Hardscape and Plant materials used. [CO- 4] [L-6] **10**