B. Architecture Third Year First Semester Examination 2024
Subject: Landscape Architecture I

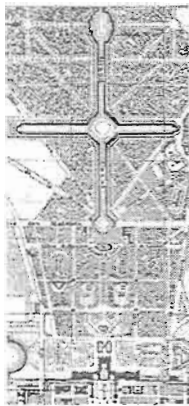Time: Three hours   Full marks: 100

Qs. no. 1 is COMPULSORY. Answer any TWO from the rest.
Blank pages left unnecessarily in the answer script will be discredited. Answers to a question/ or part
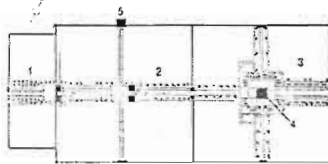of it shall not be split across the answer script.

I A	Fill in the blanks:		(1 x 10 =10)

    i.   The State tree of West Bengal is _____.
    ii.   The number of rainy days in a year in Kolkata is considered to be _____.
    iii. Annual RWH potential depends on _____, _____ and _____.
    iv. The minimum slope of a pedestrian ramp is _____ percentage.
    v.   The street furniture used for traffic separation is called _____.
    vi. The Central Park was designed by _____.
    vii. The two categories of Mughal gardens are _____ and _____.

I B.	Write short notes on the following:		(2 x 5 =10)

    i.   Andre Le Notre
    ii.   Lancelot Brown

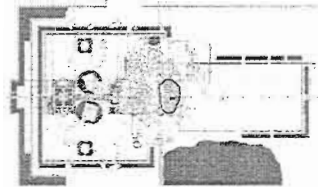|			
2.	Identify the following gardens from their plans / views given below and describe their salient features, mentioning their time period and location (ANY FOUR): Please note that some plans / views are partial.		(4 x 10 = 40)

A.   B.   C.

D.   E.

3A.	Discuss the significance of urban water bodies and wetlands, with a particular thrust on land-water interface. Use sketches generously to explain your answer.	20
3B.	What is meant by grading? What are its uses? Describe how landform may be used to alter spatial and visual perception.	(5+5+10 =20)

4A.	Define outdoor furniture. Suggest at least TWO different landscape materials for each: (i) pathway and (ii) driveway in a residential complex. Sketch TWO different patterns with your chosen materials, i.e., two patterns each for the pathway and the driveway.	(4+2+2+6+6 = 20)
4B.	Name the following plants:	(1x 12= 12)

    i.   A feather-leaf palm   v. A spring flowering   ix. A specimen plant
    ii.   A fan-leaf Palm   deciduous tree   x. A cluster Palm
    iii. A columnar tree   vi. A fragrant flowering shrub xi. An erect Palm
    iv. India's national tree   vii. A foliage shrub   xii. A horizontally
                          viii. Bodhi tree   spreading tree.

4C.	Define "tree" as per the West Bengal Trees (Protection and Conservation in Non-Forest Areas) Act, 2006. Briefly mention the ecological and environmental functions of trees.	(2+ 6 = 8)

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