

**BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(MID SEMESTER EXAMINATION)**

**CLASS: ARCHITECTURE
BRANCH: B.ARCH**

**SEMESTER: IV
SESSION: SP/2020**

SUBJECT: AR253 SITE PLANNING AND LANDSCAPE ARCHITECTURE

TIME: 2 HOURS

FULL MARKS: 25

INSTRUCTIONS:

1. The total marks of the questions are 25.
 2. Candidates may attempt for all 25 marks.
 3. Before attempting the question paper, be sure that you have got the correct question paper.
 4. The missing data, if any, may be assumed suitably.
 5. Tables/Data hand book/Graph paper etc. to be supplied to the candidates in the examination hall.
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Q1 (a)	What is Landscape Architecture? List the features of Landscape Architecture.	[2]	CO CO1	BL
Q1 (b)	Elaborate upon the Principals of Landscape Design? Give examples with sketches.	[3]	CO1,CO3	
Q2 (a)	Explain about the concept of a project dealt by a famous Landscape Architect of your choice.	[2]	CO1	
Q2 (b)	Discuss with sketches about the various design elements influencing Water.	[3]	CO1,CO3	
Q3 (a)	Explain with sketches, the energy efficient design interventions through use of Landscaping.	[2]	CO3	
Q3 (b)	Explain with sketches about the features and concepts of 'Paradise Garden' during Mesopotamian/Persian Period.	[3]	CO1,CO3	
Q4 (a)	Explain the following- i) Slope ii) Topographical Map	[2]	CO2	
Q4 (b)	Elaborate upon Storm Water Management Process. Explain some techniques to manage storm water.	[3]	CO3	
Q5 (a)	Pavements are generally classified by their intended use. With sketches explain about 3 types.	[2]	CO1,CO3	
Q5 (b)	Explain about the process of Environmental Impact Assessment with flow diagram.	[3]	CO2	

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