

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

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

**SEMESTER: V
SESSION : MO/2018**

SUBJECT : AR5303 SITE PLANNING AND LANDSCAPE ARCHITECTURE

TIME: 1.5 HOURS

FULL MARKS: 25

INSTRUCTIONS:

1. The total marks of the questions are 30.
2. Candidates may attempt for all 30 marks.
3. In those cases where the marks obtained exceed 25 marks, the excess will be ignored.
4. Before attempting the question paper, be sure that you have got the correct question paper.
5. The missing data, if any, may be assumed suitably.

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- Q1 (a) What do you understand by “Conceptualization” in Landscape Design? [2]
(b) Define Ecology. Also, explain about- [3]
1) Ecological Balance
2) Ecological Degradation
- Q2 (a) Explain and give examples for each of the following Principles of Landscape Design- [2]
1) Proportion
2) Unity
(b) Explain and give examples for the following elements of landscape architecture- [3]
1) Line
2) Form
3) Texture
4) Emphasis
- Q3 (a) Explain Site Analysis. What are the various constituents of Site Analysis? [2]
(b) Give the definition of Site Planning according to Kevin Lynch and Harvey M. Rubenstein? [3]
What factors influence the process of Site Planning?
- Q4 (a) Explain Mughal Garden as extension of Persian Garden. Give the salient features of Mughal Garden. [2]
(b) Landscape designer can create a comfortable micro climate through efficient selection and placement of plants, trees and water bodies explain with the help of example. [3]
- Q5 (a) What do you understand by Environmental Impact Assessment? [2]
(b) Give an example of Environmental Impact Assessment carried out in India. Give the step wise process of Environmental Impact Assessment. [3]
- Q6 (a) Give the differences between and English and a French Garden. [2]
(b) Explain about salient features of Japanese Temple Garden. What do you understand by “Borrowed Scenery” in Japanese gardens. [3]

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