

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

**CLASS: BARCH  
BRANCH: ARCH**

**SEMESTER: V/ADD  
SESSION : MO/2019**

**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.
- 

- Q1 (a) What is the definition of **Landscaping**? What are the **fields of activity** for **Landscape Architects**? [2]
- Q1 (b) Elaborate upon various principles of **Landscaping Design**. Explain “**Enframement**”. [3]
- Q2 (a) Define “**Shading Devices**”. Discuss about the design of shading devices for open spaces in hot-dry, warm-humid and composite climates. [2]
- Q2 (b) Give the definition of **Site Planning** according to **Kevin Lynch** and **Harvey M. Rubenstein**? What parameters of Landscape Design influence the process of Site Analysis and Site Planning? [3]
- Q3 (a) What do you understand by **Softscape** and **Hardscape** Landscape Elements? Give examples for each. [2]
- Q3 (b) What do you understand by the elements of design “**Form**” and “**Color**”? Explain about various distinctions of shrubs with respect to shape and form. [3]
- Q4 (a) Explain about the salient landscaping features of **Italian Renaissance Gardens**. [2]
- Q4 (b) Elaborate upon the salient feature of the **English Type** and **Japanese Type Gardens**. Distinguish between both. [3]
- Q5 (a) Explain about the salient architectural features of **French Garden**. [2]
- Q5 (b) Elaborate on the importance of **Water** as element of landscape architecture, Explain the role played by water in landscape with suitable illustrations. [3]
- Q6 What do you understand by **Complementary scheme** and **Analogous scheme** under Color as Landscaping Element, Explain with examples? What do you understand by texture, explain it with examples? [5]

: : : : : 20/09/2019 : : : : : E