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GUJARAT TECHNOLOGICAL UNIVERSITY B.ARCH. - SEMESTER-IV EXAMINATION - WINTER 2015

Subject Code: 1045006 Date: 08/12/2015 **Subject Name: Landscape Architecture** Time: 2:30pm to 4:30pm **Total Marks: 50 Instructions:** 1. Attempt all questions. 2. Make suitable assumptions wherever necessary. 3. Figures to the right indicate full marks. **Q.1** (a) Define Landscape Architecture and explain scope of work in professional 05 Practice. (b) Define Eco-system. Explain various types of ecosystem with the help of 05 Relevant sketches. What are the key factors for plant selection in landscape design. **Q.2** (a) 03 Explain what is rain water harvesting, its components and methods along 07 With relevant sketches. OR **(b)** What are the functions of the enclosures? Discuss any two in detail. 07 **Q.3** Explain what is hardscape, and its components in detail with sketches 05 (a) (b) Give two examples each of Indian trees, flowering / non flowering plants 05 , shrubs and creepers with details of height, foliage, flowering seasons and uses. OR **Q.3** (a) Explain the importance of lighting in landscape design. Give examples of 05 Garden lighting with sketches (b) Define softscape. Name the components of softscapes. Explain plant material 05 As an element of visual design. Describe in detail 5 principles of landscape designing with sketches. **Q.4 10** OR Write a note on any two of the following Historical gardens describing their **10** 0.4 Landscape design principle, characteristic and elements used. (1) Mughal Gardens (2) English Gardens (3) French Gardens (4) Japanese Garden **Q.5** Describe the use of water as an element of landscape design. 10 Design a Terrace garden for a residence in urban area of a city in Gujarat. 10 Q.5 Terrace area = 10 M X 15 M. Use at least 3 elements and 3 principles of Landscape design. Identify the reason for using those elements and principles. Draw necessary plan in scale 1:50. Sketch atleast 2 enlarged details.
