

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
BE Arch. – SEMESTER – IV • EXAMINATION – SUMMER • 2014

Subject Code: 1045006

Date: 05-06-2014

Subject Name: Landscape Architecture

Time: 10:30 am - 12:30 pm

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 practice. **05**

(b) Define Ecology and explain the types of Eco-systems with examples. **05**
(Draw sketches wherever required.)

Q.2 (a) Explain the importance of conservation of natural resources with examples. **03**

(b) Explain in detail the importance of, components and methods of Rain Water Harvesting along with necessary sketches. **07**

OR

(b) What is Landform? How is Landform addressed in design issues? Explain Landform as Enclosure in detail with examples and sketches. **07**

Q.3 (a) Define Softscapes. Name the components of Softscapes. Explain Plant material as an Element of Visual Design. **05**

(b) Give 2 examples each of Indian trees , flowering plants , non-flowering plants , shrubs and creepers with their details of soil requirement, water requirement, height of matured plant , and foliage coverage. **05**

OR

Q.3 (a) Explain the components of Hard landscape in detail along with sketches. **05**

(b) Explain the importance of Lighting in landscape design. Give examples of Garden lighting with sketches. **05**

Q.4 Describe in detail 5 principles of Landscape designing with sketches. **10**

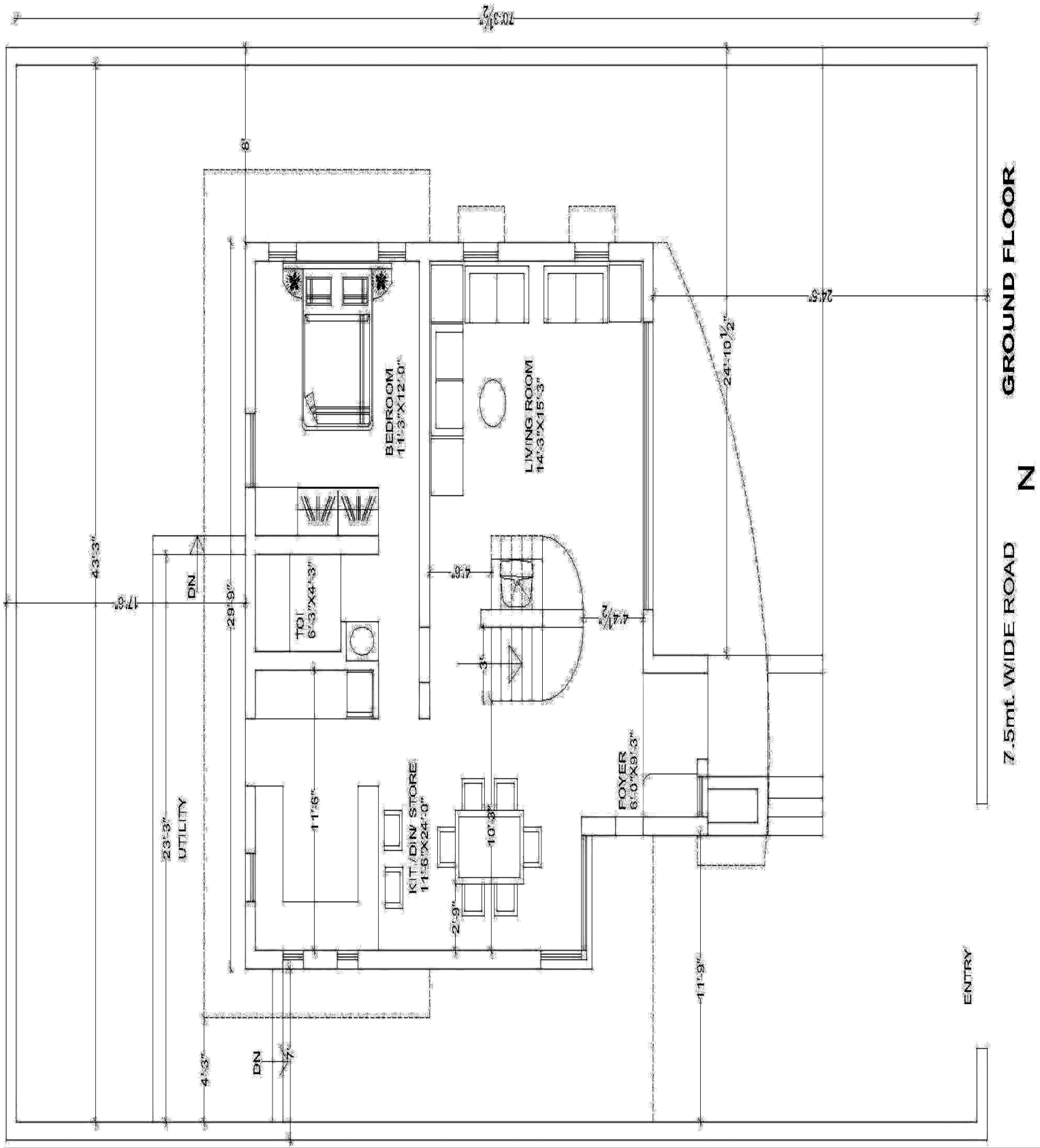
OR

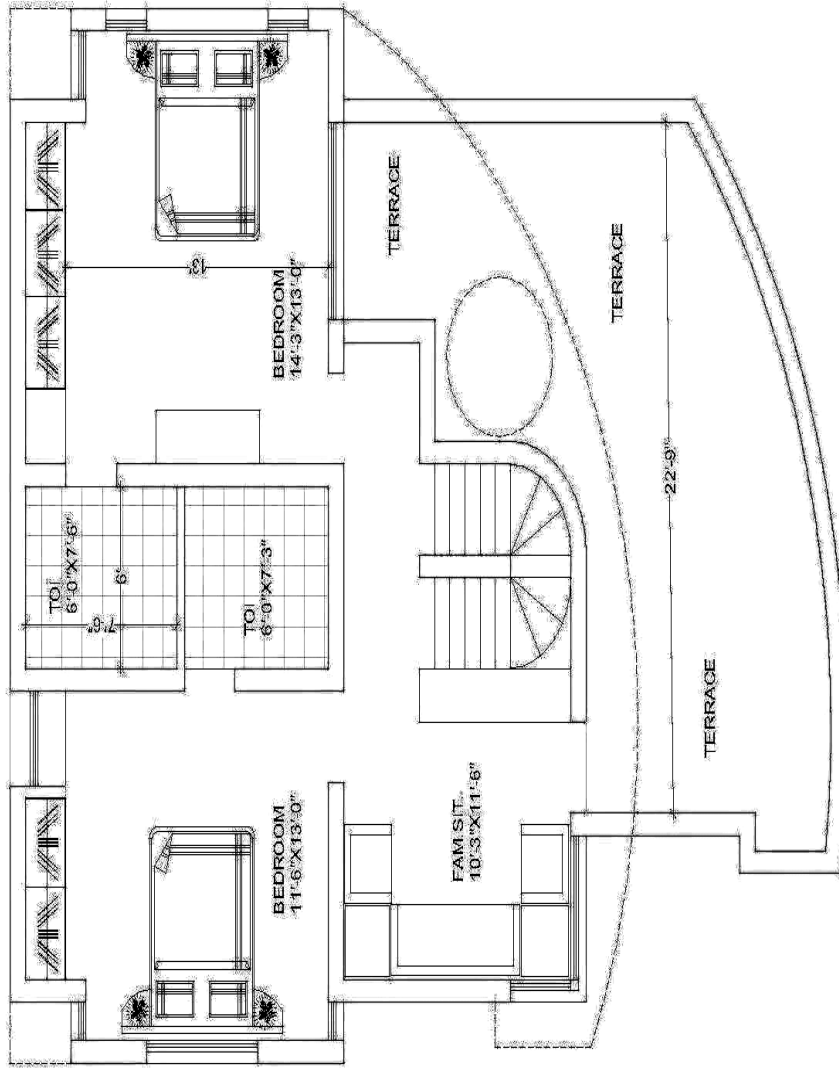
Q.4 Describe the use of water as an Element of Landscape Design. **10**

Q.5 What are the main design features of the following Ancient Gardens: **10**
(i) Persian , (ii) Egyptian , (iii) Hellenistic , (iv) Italian Renaissance , (v) Ancient Chinese.

OR

Q.5 Design Landscaping for the given residence and sketch the design in plan. **10**
Show any 2 details in enlarged sketch.





7.5mt. WIDE ROAD
N

FIRST FLOOR