

**SECOND YEAR B.ARCH DEGREE EXAMINATION  
APRIL/MAY 2005****LANDSCAPE ARCHITECTURE**

(1998 Scheme)

Time : Four Hours

Maximum : 100 Marks

**PART A**

Answer all questions.

**40 Marks**

1. Design and detail the given mosque construction site. Site plan attached. The site should accommodate (i) Mosque 30m diameter circular in shape, (ii) An open pond 10m x 6m, (iii) Sanitary facilities, (iv) Compound wall and gate. Assume any other data required and suitable to the project.

**PART B**

Answer all questions. Each question carry 12 marks.

2. a) What is ecology? Discuss the importance of study of ecology for designing sustainable development projects.

**Or**

- b) Distinguish between natural process and artificial process. Discuss the impact of artificial process on nature.

3. a) Briefly describe the Egyptian style of landscape and garden design in the ancient world.

**Or**

- b) Briefly describe the contributions of Persia in landscape and garden design.

4. a) Briefly explain the influence of Islamic tradition of landscape architecture in Spain.

**Or**

- b) Briefly explain the evolution of axial plans and the development during Baroque period.

5. a) Briefly describe the development of urban landscape design and garden cities during twentieth century.

**Or**

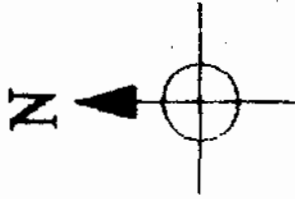
- b) Briefly describe the classification of plants according to size and texture.

6. a) Briefly explain the basic concept of contours and grading and its importance in design of landscape structures.

**Or**

- b) List the characteristics of contour lines. An elliptical cone shaped hill has major axis 50m and minor axis 22m at ground level (+10.00). The top level of the hill is at +40.00. Assuming gradual slope for the hill sketch the contour map at 5m interval and calculate the plan area of the hill at ground level. Also calculate the length of the footpath aligned straight from ground level to the apex.

**Turn over**



Normal Flow width 10m

