

**B. Architecture Third Year First Semester Examination 2018 (Old)**

**Subject: Landscape Architecture**

Time: Three hours

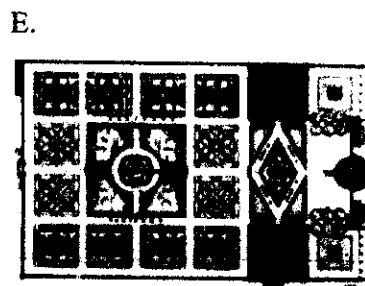
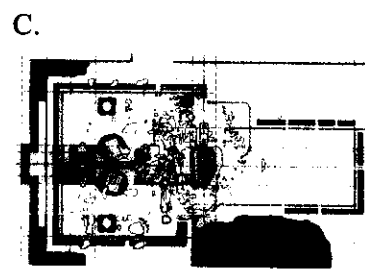
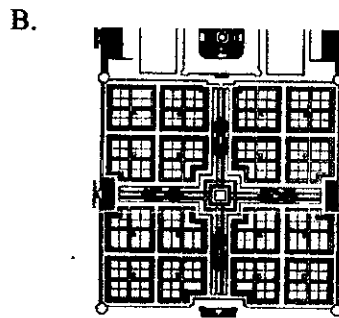
Full marks: 100

**Qs. no. 1 is COMPULSORY. Please answer any TWO from the rest.**

**Blank pages left unnecessarily in the answer script will be discredited. Answers to a question/ or part of it shall not be split across the answer script.**

- 1 A. Fill in the blanks: (1 x 10 = 10)
- The three variables of landform that affect spatial perception are \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_.
  - The 'Grand Canal' is a part of the garden of \_\_\_\_\_.
  - Annual RWH potential depends on \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_.
  - The space perceived within the limits of skyline is called \_\_\_\_\_.
  - The landscape shelter used for supporting vines is called \_\_\_\_\_.
  - The Emerald Necklace was designed by \_\_\_\_\_.
- 1 B. Write short notes (with sketches) on the following (ANY TWO): (2 x 5 = 10)
- Quality parameters of paving materials
  - Contours
  - Villa d' Este

2. Identify the following gardens from their plans given below and describe their salient features, mentioning their time period and location (ANY FOUR): Please note that some plans are in parts. (4 x 10 = 40)



- 3A. Explain the attributes and characteristics of *water* that make it a unique landscape element. 20
- 3B. Describe the ways rain water can be harvested. Suggest retrofitting any existing house/ residential building with RWH systems with calculations to substantiate your answer. 10 + 10 = 20
- 4A. Discuss the design significance of various tree forms with (i) sketch drawing and (ii) one example of each. 10 + 10 = 20
- 4B. Identify the vegetation categories of the following plants: 1 x 12 = 12
- |                       |                         |                        |
|-----------------------|-------------------------|------------------------|
| i. Alternanthera spp. | v. Bamboos              | ix. Ficus religiosa    |
| ii. Plumeria spp.     | vi. Duranta spp.        | x. Mangifera indica    |
| iii. Fishtail Palm    | vii. Ficus benghalensis | xi. Bougainvillea spp. |
| iv. Traveller's Palm  | viii. Wedelia trilobata | xii. Hibiscus spp.     |
- 4C. Briefly mention the phenological and physiognomical characteristics of vegetations. 4 + 4 = 8