

Roll No.

Total No. of Questions : 9]
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UG (CBCS) IInd Year Annual Examination
2097

B.Sc. BOTANY
(Gardening and Floriculture)
(SEC-II)

Paper : BOTA 204

Time : 3 Hours]

[Maximum Marks : 70

Note :- Attempt *one* question each from Sections B, C, D and E. Question No. 1 is compulsory.

Section-A

1. (A) (i) ment for the enjoyment of the royal couples as described by Vatsayana in his book.
- (ii) Baradari is a key feature in which type of graden.
- (a) Mugal
(b) French
(c) Japanese
(d) British

- (iii) It can be defined as the green carpet for a landscape :
- (a) A lawn
 - (b) Carpet bedding
 - (c) Shrubbery
 - (d) None of these
- (iv) Shalimar garden in Kashmir was laid out during the regime of :
- (a) Jahangir
 - (b) Akbar
 - (c) Zazarkhan
 - (d) Nurjahan
- (v) Tulip garden of Kashmir is also known as :
- (a) Shalimar garden
 - (b) Nishat garden
 - (c) Indira Gandhi Memorial
 - (d) Chashma-e-Shahi
- (vi) Which of the following is not a natural method of propagation ?
- (a) Tuber
 - (b) Corm
 - (c) Layering
 - (d) Bulb

(vii) Name the hormone which can be used to prevent fruit drop in horticulture.

(viii) In the world who popularized the bonsai cultivation ?

(ix) Which types of trees should not be planted along roadside ?

(x) Define bulbous plants. 10

(B) (i) Name *three* pot plants

(ii) Name *two* plants best suited for shady locations. 4

Section-B

2. (a) What is Floriculture ? Discuss the scope of landscape gardening in India.

(b) Define the following :

(i) Pinching

(ii) Mulching

(iii) Topiary

(iv) Pruning. 6+8=14

3. (a) Discuss pruning, its types and objectives.

(b) What is the importance and scope of floriculture ? 7+7=14

Section-C

4. (a) Discuss the role of different elements in making a successful landscape design.
- (b) Discuss in detail various garden features. 7+7=14
5. Write notes on the following :
- (i) Landscaping of Public parks
- (ii) Landscaping of Highways
- (iii) Natural Vegetative propagation. 4+4+6=14

Section-D

6. (a) Define herbaceous perennials. Write a note on ten herbaceous perennial plants suitable for growing in hilly areas and plains of India.
- (b) Define a bulbous plant. What are the advantages of growing ornamental bulbs ? 8+6=14
7. Write detailed notes on growing of :
- (i) Plams
- (ii) Dish Gardens
- (iii) Hanging Baskets
- (iv) Cycads 14

Section-E

8. Write a detailed note on flower arrangements. 14
9. Explain propagation methods of *Carnations*, *chrysanthemum*, *Gladiolus* and *Gerbera*. 14