Date: 23-04-2018   Dept. No.   Max. : 100 Marks
Time: 09:00-12:00

PART – A   **(10 x 2 = 20 Marks)**

Answer the following, each within 50 words.

1. Define olericulture.

2. Mention the components in kitchen gardening?

3. Distinguish between cold frame and hot beds.

4. What is the difference between LDPE and HDPE bags used in nursery practices?

5. Define pergolas.

6. Mention any four plants used in rockery.

7. What are avenue trees?

8. Mention any four plants used in vertical landscaping.

9. Mention any four flowers used in floral bouquets.

10. What is ikebana?

PART – B   **(5 X 7 = 35 Marks)**

Answer the following, each within 500 words; Draw diagrams and flowcharts wherever necessary

11. (a) Give a short account on hydroponics.

OR

(b) Write short notes on history and establishment of any two gardens in India.

12. (a) Illustrate T-budding, patch budding and whip grafting.

OR

(b) Comment on organic farming.

13. (a) Write short notes on various routine garden operations.

OR

(b) Give a short account on roof gardening.

14. (a) Describe the principles and components of landscaping.

OR

(b) What is lawn? Comment on maintenance of lawns.

15. (a) Comment on various plant protection methods adopted in the cultivation of jasmine.

OR

(b) Give a short account on cut flowers and their export potential in Tamil Nadu.

PART – C   (3 X 15 = 45 Marks)

*Answer **any three** of the following, each within 1200 words. Draw diagrams and flowcharts wherever necessary*

16. Write detailed notes on:

    a. garden implements and accessories.

    b. classification and garden operations in fruit cultivation.

17. Explain the different methods of cuttings and layering.

18. Write detailed notes on bonsai and terrarium.

19. Describe the various planning designs for residential and non-residential gardens.

20. Explain the cultural practices followed in cultivation of rose.

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