



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

B.Sc. DEGREE EXAMINATION – PLANT BIOLOGY AND PLANT BIOTECHNOLOGY

FOURTH SEMESTER – APRIL 2019

17/16UPB4ES03– HORTICULTURE AND LANDSCAPING

Date: 09-04-2019
Time: 09:00-12:00

Dept. No.

Max. : 100 Marks

PART A

Answer the following, each within 50 words.

(10 x 2 = 20 marks)

1. Mention the important features of any 2 famous garden in India.
2. Define Olericulture.
3. What is mist chamber?
4. Define layering.
5. What is mulching?
6. Define Topiary.
7. What is landscaping?
8. Comment on vertical garden.
9. List out the flowers used for floral bouquets.
10. Distinguish between Moribana and Morimono style

PART B

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

(5 x 7 = 35 marks)

11. a)Mention the application of any five garden implements.

OR

b)State the features considered in planning a kitchen garden.

12. a)Write short note on:

i)Green house ii) Hot beds iii) Cold frames.

OR

b)Explain any three different types of grafting.

13. a)Write a short note on terrarium.

OR

b)Explain the importance of pruning and transplantation in gardening.

14. a)Discuss about the various components of landscape.

OR

b)Discuss briefly about lawn maintenance?

15. a)What are various styles followed in flower arrangement?

OR

b)Explain the methods to prolong the vase life of Cut flowers?

PART C

Answer any THREE of the following, each within 1200 words. Draw diagrams and flowcharts wherever necessary. (3 x 15 = 45 marks)

16. Define Pomology. Write detailed notes on classification and practices followed in fruit cultivation.
17. Write an essay on steps involved in pot culture.
18. Write detailed notes on: a) Roof gardening b) Bonsai making.
19. Explain in detail about the setting up a residential and non residential garden.
20. Explain the cultural practices followed in cultivation of Rose.
