

LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034



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

FOURTH SEMESTER – APRIL 2022

UPB 4602 – HORTICULTURE AND LANDSCAPING

Date: 23-06-2022

Dept. No.

Max. : 100 Marks

Time: 09:00 AM - 12:00 NOON

PART – A

(10 x 2 =20 Marks)

Answer the following, each within 50 words

1. Define Horticulture.
2. What is Turf grass operation?
3. What is kitchen gardening?
4. Distinguish between hydroponics and aeroponics.
5. Mention the significance of seed propagation.
6. What is grafting?
7. Distinguish between formal and informal Garden.
8. What is rockery?
9. What is contemporary minimal Garden?
10. What is Landscaping?

PART – B

(5 x 7 = 35 Marks)

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

11a. What is horticulture? Mention its scope and importance.

or

b. Give a brief account on various employment opportunities in horticulture.

12a. Give an account of classification of vegetables.

or

b. Write briefly about dry flower preparation and preservation.

13a. How do plants are cultivated in pots? Add a note on Do's and Don't during repotting.

or

b. Explain any five types of layering.

14a. Give an account on various garden ornaments.

or

b. Give a brief account on parts of a garden.

15a. How to establish and maintain lawns? Discuss.

or

b. Describe the principles of landscaping.

PART – C

(3 x15 = 45 Marks)

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

16. Give a detailed account on crop production and management.
17. Write a detailed account on the establishment of orchard and various planting Patterns.
18. Describe the structure of a nursery.
19. Give a detailed account on the routine garden operations.
20. Write an essay on vertical landscaping.

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