

Reg. No. :

Name :

Fifth Semester B.Sc. Degree Examination, December 2022.

First Degree Programme under CBCSS

Botany

Open Course

BO 1551.1 – HORTICULTURE

(2019 Admission onwards)

Time : 3 Hours

Max. Marks : 80

SECTION – A

I. Answer **all** questions in one or two sentences. Each question carries **1** mark.

1. What is olericulture?
2. What is a vermiculite?
3. What is a potting mixture?
4. What is a vermicompost?
5. What is shield budding?
6. What is a bog garden?
7. Name a fruiting hormone.
8. What are terrariums?

9. List any two common diseases of tomato.
10. What is gummosis?

(10 × 1 = 10 Marks)

SECTION – B

II. Answer **any eight** of the following. Each question carries **2** marks.

11. List any two methods of irrigation.
12. Mention the different types of hydroponic systems.
13. What is a trowel? Mention its uses.
14. What are stem cuttings? Give two examples.
15. Give two examples of nitrogen fertilizers.
16. Mention two examples for climbers.
17. List any two plants used as hedge plant
18. What is a flower bed?
19. List the disadvantages of dry flower arrangement.
20. List any two varieties of Anthurium.
21. List any four flowers used for garland making.
22. What is IAA? Mention its importance.
23. List the symptoms of phoma blight of mango.
24. What is a budding knife? Mention different types of it.
25. What is a kitchen garden?
26. What is a weedicide? Give an example.

(8 × 2 = 16 Marks)

SECTION – C

- III. Answer **any six** of the following. Each question carries **4** marks.
27. Write down the importance and scope of Horticulture.
 28. List the advantage and disadvantages of plastic pots.
 29. Write the features of sandy soil. Mention its advantages and disadvantages.
 30. With a labelled diagram explain tongue grafting.
 31. What is a farmyard manure? How does it prepare?
 32. Explain the steps involved in the preparation of a bonsai.
 33. What is a lawn? How does it prepare?
 34. Critically analyze the cultivation and storage of Orchid.
 35. Explain the floral decorations of Rikka.
 36. Explain the marketing strategies of flowers.
 37. What are pesticides? Explain different types of pesticides with an example each.
 38. Describe mass flower arrangement.

(6 × 4 = 24 Marks)

SECTION – D

- IV. Write essay on **any two** of the following. Each question carries **15** marks.
39. Write a detailed account on preservation of vegetables.
 40. With labeled diagrams explain different methods of layering.
 41. Explain any two classifications of fungicides. Add a note on its advantages of fungicides. Give any five examples.

42. What are foliar sprays? Explain any three types of it. Write a note on its benefits.
43. Describe the structure of a conservatory. Add a note on its applications.
44. Explain the principles of a flower arrangement.

(2 × 15 = 30 Marks)

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