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Reg. No. : .....

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TRIVANDRUM

Fifth Semester B.Sc. Degree Examination, February 2021.

First Degree Programme under CBCSS

Botany

Open Course

BO 1551.1 – HORTICULTURE

(2018 Admission – Regular)

Time : 3 Hours Max. Marks : 80

(Draw diagrams wherever necessary)

SECTION – A

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

1. What is Olericulture?
2. Name any two growth promoters.
3. What is Scion?
4. Name a Fungicide.
5. What is Vermiculite?
6. What are lawns?

P.T.O.

7. What do you understood from the term Fertigation?

8. What is a rockery?

9. What is the use of mycorrhizae?

10. Define Seed Scarification.

(10 × 1 = 10 Marks)

SECTION – B

II. Answer any **eight** of the following; not to exceed **one** paragraph. Each question carries **2** marks.

11. Differentiate between manure and fertilizer.

12. Write notes on hydroponics.

13. Define parthenocarpy.

14. Write notes on Green houses.

15. Comment on Foliar sprays.

16. Describe any two garden tools and their uses.

17. Write notes on different types of pots and containers

18. What are the things to care for an indoor garden?

19. How can you induce flowering?

20. Write notes on any two diseases in fruits.

21. What are bio-fertilizers?

22. Explain the different types of cutting.

23. Explain T-budding.

24. What are farm yard manure?

25. Mention the uses of fungicides.

26. Explain carpet beds.

(8 × 2 = 16 Marks)

SECTION – C

III. Answer any **six** of the following; not to exceed **120** words; Each question carries **4** marks.

27. What are the different methods of application of fertilizers?

28. Briefly explain the methods of storage of fruits

29. Describe the various requirements for flower arrangements

30. Describe Approach grafting with appropriate diagrams.

31. What are the different types of soil?

32. What is a potting mixture? Add a note on various potting media.

33. Explain the scope and importance of horticulture.

34. Write a note on chemical fertilizers.

35. Briefly a explain the various components of a garden.

36. Write a note on common diseases of vegetable crops.

37. What are growth regulators? Add a note on rooting hormones.

38. Give an account on vermicomposting and its significance.

(6 × 4 = 24 Marks)

SECTION – D

IV. Write an essay on any **two** of the following; Each question carries **15** marks.

39. Give an account on different types of growth regulators used in horticulture.

40. Write an essay on the processing and preservation of fruits.

41. Describe the various methods of plant protection.

42. Add an account on various garden tools and implements used in horticulture.

43. Give an account on various methods of Layering.

44. Write an essay on different methods of irrigation.

(2 × 15 = 30 Marks)
