



MAR IVANIOS COLLEGE (AUTONOMOUS)
THIRUVANANTHAPURAM

Reg. No. :.....

Name :.....

Fourth Semester Career Related B.Sc. Degree Examination, June 2016

First Degree Programme under CBCSS

Core Course – V: (for Botany and Biotechnology)

AUBB441: Horticulture, Mushroom Cultivation & Marketing

Time: 3 Hours

Max. Marks: 80

SECTION – A

Answer ALL the following each in a word or as short notes.

1. Define pomology.
2. Blanching.
3. Vermicompost.
4. Stock.
5. What is mulch ?
6. Hydroponics.
7. PGR.
8. Topiary.
9. Bulbous ornamentals.
10. What is spawn ?

(10 × 1 = 10 Marks)

SECTION – B

Answer any EIGHT questions, not exceeding one paragraph.

11. Discuss the scope of horticulture.
12. What is parthenocarpy ?
13. Differentiate between hedges and edges.
14. Write a short note on damping off.
15. What are flower beds ? How are they made ?

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16. Enlist two common mushrooms in India. Mention two therapeutic effects of mushrooms.
17. Write an account on biofertilizers.
18. What are the advantages and disadvantages of overhead system of irrigation ?
19. Write an account on thinning.
20. Distinguish between farmyard manure and green manure.
21. Explain about weeding.
22. What are conservatories ? Explain their significance.

(8 × 2 = 16 Marks)

SECTION – C

Short essay type : Answer any SIX questions.

23. Give an account on Ikebana.
24. Why plant growth regulators have been used in horticulture ?
25. Differentiate between controlled atmospheric storage (CAS) and hypobaric storage (HBS) of fruits.
26. What are sprayers ? Explain the various types of sprayers.
27. Write a note on whip grafting.
28. Describe hanging pots. Mention its significance.
29. List out the measures to be taken to control plant diseases caused by nematodes.
30. What is roof garden ? Explain its components.
31. What are chemical fertilizers ? What is its role in horticulture ?

(6 × 4 = 24 Marks)

SECTION – D

Long essay type : Answer any TWO questions.

32. What is layering ? With neat labelled diagrams describe the various methods of layering. Discuss its advantages and disadvantages.
33. Give a detailed account of the main steps involved in lawn making. List the important grasses grown in lawns.
34. What is Bonsai ? Write an essay on bonsai culture. How is it important ?
35. Write an essay on oyster mushroom cultivation.

(2 × 15 = 30 Marks)

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