

TB205065V

Reg. No : .....

Name : .....

**BACHELOR'S DEGREE (C.B.C.S.) EXAMINATION, NOVEMBER 2022**  
**2020 ADMISSIONS REGULAR AND 2019, 2018 ADMISSIONS SUPPLEMENTARY**  
**SEMESTER V - OPEN COURSE (BOTANY)**  
**BO5D01AB18 - HORTICULTURE AND NURSERY MANAGEMENT**

Time : 3 Hours

Maximum Marks : 80

**Part A**

**I. Answer any Ten questions. Each question carries 2 marks**

**(10x2=20)**

1. What is a biofertilizer? Name one biofertilizer.
2. Explain farmyard manure.
3. What is micropropagation?
4. What is the criteria of a good quality seed?
5. What are tubers? Write an example.
6. Which are the hormones used in fruit ripening.
7. Explain briefly the cultivation method of tomato.
8. What is mean by trophy in horticulture?
9. Name two garden friends.
10. Name two pathogenic fungus in the garden.
11. What is a plant protecting structure? Give an example.
12. What is a plant nursery?

**Part B**

**II. Answer any Six questions. Each question carries 5 marks**

**(6x5=30)**

13. Differentiate surface and sprinkler irrigation.
14. Explain the classification of seeds based on the life span.
15. Describe the different types of seeds.
16. What is the importance of spacing while planting crops?
17. Explain the art of bonsai formation.
18. Describe the Ikebana style of flower arrangement.
19. What are weeds? Distinguish between annual and perennial weeds.
20. Write a short note on bioaccumulation.
21. Explain the different types of nurseries according to the plants grown.

**Part C**

**III. Answer any Two questions. Each question carries 15 marks**

**(2x15=30)**

22. What is soil? Write on the various management practices to maintain soil fertility.
23. What is seed dormancy? Explain the causes of seed dormancy.
24. Explain the cultivation method of cauliflower.
25. What are plant growing structures? Explain the structure of a green house.