



QP CODE: 25006890



Reg No :

Name :

**UNDER GRADUATE (CBCS) SPECIAL REAPPEARANCE EXAMINATIONS,
FEBRUARY 2025**

Fifth Semester

(Offered by the Board of Studies in Botany)

OPEN COURSE - BO5OPT01 - AGRI-BASED MICROENTERPRISES

2022 Admission Only

6E276D7D

Time: 3 Hours

Max. Marks : 80

Part A

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1. List the advantages of using biofertilizers over conventional fertilizers.
2. What are insect traps?
3. What are the major ingredients required for preparing Potting Mixtures?
4. Name two lawn maintenance tools and mention its uses.
5. What is approach grafting?
6. What is air layering?
7. Define food spoilage.
8. What is ultrapasteurisation?
9. Name two edible mushrooms.
10. What is casing?
11. Which hormone promote Caulogenesis?
12. State the working principle of an autoclave.

(10×2=20)

Part B

*Answer any **six** questions.*

*Each question carries **5** marks.*

13. Write note on the most commonly used 'N', 'P' and 'K' inorganic fertilizers.





14. What are the advantages of using organic fertilizers?
15. Explain the disadvantages of vegetative propagation.
16. Give an account on indoor gardens.
17. Discuss the importance of kitchen garden.
18. Write a short note on artificial food preservatives.
19. Write a short note on milky mushrooms.
20. Explain the different stages of micropropagation..
21. Explain the process of hardening, package and transport of tissue cultured plants.

(6×5=30)

Part C

*Answer any **two** questions.*

*Each question carries **15** marks.*

22. Differentiate between aerobic and anerobic composting. Comment on the advantages and disadvantages of both.
23. What is seed propagation? Explain the advantages and disadvantages of seed propagation.
24. What is spawn? Explain the process of spawn isolation.
25. Describe the various methods of achieving regeneration in vitro and factors affecting regeneration.

(2×15=30)

