

Reg. No

Name

25U505

UNDERGRADUATE END SEMESTER EXAMINATION - OCTOBER 2025

SEMESTER 5 : BOTANY (OPEN COURSE)

COURSE : 19U5OCBOT1 : AGRIBASED MICROENTERPRISES

(For Regular 2023 Admission and Supplementary 2022/ 2021/ 2020/ 2019 Admissions)

Time : Three Hours

Max. Marks: 75

PART A

Answer All (1 mark each)

1. Define floral foam.
2. Name any two schemes of government of Kerala for self employment.
3. Define gootee.
4. What is the use of mulching?
5. What does NPK stand for?
6. Name two value added food products from mushroom.
7. What is LAF?

(1 x 7 = 7)

PART B

Answer any 10 (2 marks each)

8. Mention the purpose of pruning in plants.
9. List out any four cultivable mushrooms.
10. Write a note on freeze drying of flowers.
11. Expand PGPR. What is its use?
12. Write a note on vegetative propagation.
13. Differentiate cytoplasm from protoplasm.
14. List out the common leaves used in flower arrangement.
15. What are microbial pesticides? Give an example.
16. Write a note on substratum used for mushroom cultivation that you have learned in your curriculum.
17. Write a note on bonsai preparation.
18. Explain incubation of explant.
19. Explain the post harvest technology of mushrooms.

(2 x 10 = 20)

PART C

Answer any 4 (6 marks each)

20. Explain the composition of MS-medium used for plant tissue culture.
21. How tobacco decoction is prepared? Mention its uses and advantages.
22. Discuss the significance of mushroom cultivation.
23. Comment on dry sterilization.
24. Give an account of packaging of flowers and vegetables.
25. Write a note on the different types of flower arrangement practiced in the world.

(6 x 4 = 24)

PART D

Answer any 2 (12 marks each)

26. Write an essay on the different garden tools and implements used in horticulture and nursery management.
27. Write an essay on the various plant growing structures you have studied.
28. Write an essay on various biofertilizers. Explain their application and advantages.

(12 x 2 = 24)