

Reg. No.....

Name.....

UNDERGRADUATE END SEMESTER EXAMINATION : OCTOBER 2022**SEMESTER 5: BOTANY (OPEN COURSE)****COURSE: 15U5OCBOT1: AGRIBASED MICRO ENTERPRISES***(Common for Supplementary 2015/2016/2017/2018 Admissions)*

Time: Three Hours

Max. Marks: 75

PART A*I. Answer **ALL** questions; each question carries ONE mark.*

1. Define fernery?
2. What is the active principle of tobacco decoction.
3. Write the Botanical name of milky mushroom?
4. Name one main group of microorganisms present in soil.
5. What is green revolution?
6. What is agar-agar?
7. Name the type of budding employed in rubber cultivation?
8. Name a plant tissue culture medium.
9. What do you mean by callus?
10. What is a polyshed? (1 x 10 = 10)

PART B*II. Answer **ANY EIGHT** questions; each question carries TWO marks.*

11. What is biological control?
12. Explain vermiwash?
13. What is *Trichoderma*? Explain its uses.
14. List out the common foliage used in flower arrangement.
15. Explain advantages of mist chamber.
16. Write a note on autoclave.
17. Differentiate between drives and paths.
18. Explain totipotency and its significance in plant tissue culture.
19. Briefly explain the significance of hardening.
20. What is NPK? (2 x 8 = 16)

PART C*III. Answer **ANY FIVE** questions; each question carries FIVE marks.*

21. Write an account on various irrigation methods.
22. Narrate the medicinal value of mushrooms.

23. What are the steps involved in spawn preparation?
24. Describe the role of self-employment in women empowerment.
25. What are biofertilizers? Add a note on its advantages.
26. What is bonsai? Explain the procedure of bonsai preparation.
27. Explain grafting and budding. (5 x 5 = 25)

PART D

*IV. Answer **ANY TWO** questions; each question carries TWELVE marks.*

28. Describe the significance of sterilization in plant tissue culture. Explain the various sterilization methods employed in plant tissue culture.
29. What is organic farming? Explain the advantages of bio fertilizers and bio pesticides.
30. Explain the various composting techniques you have studied with its advantages. (12 x 2 = 24)
