

B.SC. DEGREE END SEMESTER EXAMINATION OCTOBER 2016
SEMESTER - 5: BOTANY (OPEN COURSE)
COURSE: U5OCBOT1 -: AGRIBASED MICRO ENTERPRISES

Time: Three Hours

Max. Marks: 75

PART A

I. Answer **All** questions; each question carries ONE mark.

1. What is PGPR?
2. Name two crop plants propagated by stem cuttings.
3. What is totipotency?
4. Which hormone is used for inducing root development?
5. Give two value added food product from mushrooms.
6. Write the scientific name of milky mushroom
7. What is meant by olericulture
8. Name any two common cut flowers used in flower arrangement.
9. What is ikebana?
10. Give the name of a plant commonly used for edging.

(1 x 10 = 10)

PART B

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

11. What is embryogenesis?
12. Explain surface irrigation.
13. What is vermiwash?
14. Name any two poisonous mushrooms.
15. Define fernery.
16. What are the natural methods of vegetative reproduction?
17. Define flower arrangement.
18. What is tobacco decoction?
19. Write a note on green manures.
20. What is hardening?

(2 x 8 = 16)

PART C

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

21. Explain preparation and use of Neem decoction?
22. Write a short note on budding.
23. Give an account on sustainable agriculture.
24. What are the advantages and disadvantages of seed propagation?

25. How will you distinguish poisonous mushrooms from edible mushrooms?
26. Write a note on biological pest control.
27. How do you make bonsai?

(5 x 5 = 25)

PART D

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

28. Give an account on various steps involved in plant tissue culture
29. Explain the cultivation of oyster mushroom using paddy straw
30. Write an essay on components of ornamental garden

(12 x 2 = 24)
