

Reg. No.....

Name.....

BA./B.Sc/B.COM DEGREE END SEMESTER EXAMINATION OCTOBER 2017**SEMESTER –5: BOTANY (OPEN COURSE)****COURSE: 15U5OCBOT1: AGRIBASED MICRO ENTERPRISES***(Common for Regular - 2015 admission and Supplementary – 2014 Admission)*

Time: Three Hours

Max. Marks: 75

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

1. What is green revolution?
2. Name an oil cake having manure and insecticidal properties?
3. Define humus
4. What is the use of trowel as a garden tool?
5. In which country the art of Bonsai was originated?
6. Write the Botanical name of milky mushroom?
7. Name a common disease of mushroom.
8. Name a plant tissue culture medium
9. Define inoculation
10. Study of flowers is called

(1 x 10 = 10)

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

11. Describe the NPK value of fertilizers
12. What is vermiwash? Narrate its uses.
13. Explain the composition of potting mixture
14. What is a lawn?
15. Explain Japanese flower arrangement.
16. Write an account on mushroom poisoning.
17. Define spawn
18. Write a note on autoclave.
19. Briefly explain the significance of hardening
20. List the various funding agencies in self-employment programme.

(2 x 8 = 16)

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

21. What are biofertilizers? Add a note on its advantages.
22. Explain the role of organic manures in sustainable agriculture.
23. Describe common garden implements and its uses.
24. Explain the problems of floriculture in Kerala.
25. Narrate the medicinal value of mushrooms.
26. Describe the composition of MS medium.

27. Describe the role of self-employment schemes in the present scenario. (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. Illustrate the life cycle of a typical mushroom. Add a note on common cultivating mushrooms.
30. Write an essay on the various plant growth structures you have studied. (12 x 2 = 24)
