

TB145080A

Reg. No.....

Name.....

B. Sc. DEGREE (C.B.C.S.S.) EXAMINATION, OCTOBER 2016
SEMESTER V - OPEN COURSE (BOTANY)
BOT5HNM(O) - HORTICULTURE AND NURSERY MANAGEMENT

Time: Three Hours

Maximum Marks: 80

PART A

I. Answer all questions. Each questions carries 1 mark.

1. Define fernery.
2. What are phytohormones?
3. What is Arboriculture?
4. Write the formula to find out percentage of seed germination.
5. Write any two importances of trees in garden.
6. What is Root stock?
7. What is landscape gardening?
8. What are trees? Give an example.
9. Briefly describe fumigation.
10. Write on NPK.

(10x1=10)

PART B

II. Answer any eight questions. Each question carries 2 marks.

11. Write a short note on principles of Bonsai.
12. Describe the mechanical methods to overcome seed dormancy.
13. Write a note in irrigation tools.
14. Describe Flap budding.
15. What is Olericulture? Describe.
16. Describe various pruning tools.
17. Comment on Tobacco decoction.
18. What are the factors to be considered in garden designing?
19. What are the methods of testing seed viability?
20. Describe splice approach grafting.
21. Give an account on indoor garden?
22. What are green houses?

(8x2=16)

PART C

III. Answer any six of the following. Each question carries 4 marks.

23. Describe the advantages and disadvantages of vegetative propagation.
24. Explain various types of layering.
25. What is drip irrigation? Describe its advantages and disadvantages.
26. Comment on various pest control measures.
27. Give an account on T- budding with diagram.

28. What are the factors effecting the rooting of cuttings?
29. Describe micropropagation.
30. Explain the method of bonsai preparation.
31. Explain seed certification.

(6x4=24)

PART D

IV. Answer any two of the following. Each question carries 15 marks.

32. Give an account on plant growing structures.
33. Explain the major aspects of seed propagation.
34. Write an essay on weed control methods.
35. Describe the various vegetative propagation methods in plants.

(2x15=30)