

TB145080B

Reg. No.....

Name.....

B. Sc. DEGREE (C.B.C.S.S.) EXAMINATION, APRIL 2017
Supplementary – 2014 Admission
SEMESTER V – OPEN COURSE (BOTANY)
BOT5HNM(O) - HORTICULTURE AND NURSERY MANAGEMENT

Time: Three Hours

Maximum Marks: 60

PART A

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

1. Describe fumigation.
2. What is MS medium?
3. Comment on floriculture.
4. Explain soil fertility.
5. What is Scion?
6. What are mist chambers?

(6 x 1= 6)

PART B

II. Answer any *Seven* Questions (2 marks each)

7. What are biofertilizers?
8. Define NPK.
9. What is embryo dormancy?
10. Write a short note on ikebana.
11. Describe temperature treatment to overcome seed dormancy.
12. Comment on Wedge grafting.
13. What are the methods of testing seed viability?
14. Describe the advantages of drip irrigation.
15. Write a note on Lawn maintenance tools.
16. What are plant growth regulators?

(7 x 2 = 14)

PART C

III. Answer any *five* of the following (4 marks each)

17. Comment on any 4 garden tools and explain.
18. Write a note on hazards of chemical pesticides.
19. Write an account on Seed testing and Seed certification.
20. Explain the method of Bonsai preparation.
21. What is micropropagation? explain.
22. Describe the methods of T budding.
23. Comment on famous gardens of India.
24. Write the advantages and disadvantages of seed propagation.

(5 x 6= 30)

PART D

IV. Answer any two of the following (15 marks each)

25. Write an essay on various methods of vegetative propagation in plants.

26. Explain garden designing and various garden components.
27. What is irrigation? Describe various methods of irrigation.
28. Explain the major aspects of seed propagation.

(2 x 15=30)