

FIRST SEMESTER UG DEGREE EXAMINATION, NOVEMBER 2025

(FYUGP)

(Regular/Supplementary/Improvement)

CC24UBOT1MN100 - AESTHETIC BOTANY

(Botany - Minor Course)

(2024 Admission onwards)

Time: 2.0 Hours

Maximum: 70 Marks

Credit: 4

Part A (Short answer questions)Answer *all* questions. Each question carries 3 marks.

1. Provide the essential elements of a Japanese garden that reflect simplicity. [Level:3] [CO1]
2. Demonstrate polyhouse and its types. [Level:3] [CO1]
3. Provide suitable tree species for creating a bonsai. [Level:3] [CO1]
4. Use of leaf cuttings to propagate succulents. [Level:3] [CO2]
5. Demonstrate any three principles to control pest and diseases for horticultural plants. [Level:3] [CO2]
6. Provide any three industrial importance of ornamental plants. [Level:3] [CO2]
7. Demonstrate how to use composition for taking a good photograph. [Level:3] [CO3]
8. Provide any three significance of colour mixing. [Level:3] [CO3]
9. Demonstrate different types of contemporary floral designs. [Level:3] [CO4]
10. Demonstrate botanical printing with the help of any two types. [Level:3] [CO4]

(Ceiling: 24 Marks)**Part B** (Paragraph questions/Problem)Answer *all* questions. Each question carries 6 marks.

11. Provide the things to be considered for maintaining terrarium. [Level:3] [CO1]
12. Determine the various leaf and flower characters in knowing the aesthetics of plants [Level:3] [CO1]
13. Use any three essential gardening tools to prepare soil for potting. [Level:3] [CO2]
14. Demonstrate any six importance of flower shows and exhibitions. [Level:3] [CO2]

15. Provide the general procedure of ex situ composting. [Level:3] [CO2]
16. Apply transplanting techniques to transplant evergreen trees and shrubs with minimum root damage. [Level:3] [CO2]
17. Demonstrate the key characters of macrophotography. [Level:3] [CO3]
18. Demonstrate in brief the technique of resin embedding. [Level:3] [CO4]
- (Ceiling: 36 Marks)**

Part C (Essay questions)

Answer any *one* question. The question carries 10 marks.

19. Demonstrate a indoor garden plan with plant selection and care schedule. [Level:3] [CO1]
20. Demonstrate the principles and methods of Hydroponics. [Level:3] [CO2]
- (1 × 10 = 10 Marks)**
