

D 132373

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Name.....

Reg. No.....

FIRST SEMESTER (CUFYUGP) DEGREE EXAMINATION, NOVEMBER 2025

Botany

BOT1CJ101—AESTHETIC BOTANY

(2024 Admission onwards)

Time : Two Hours

Maximum : 70 Marks

Section A

*All questions can be answered.
Each question carries 3 marks.
(Ceiling 24 marks)*

1. Define the term symmetry of flowers with example.
2. List the components of soil.
3. What is T-budding ?
4. Define Macro photography.
5. Write the principle of Bonsai.
6. Explain Terrarium.
7. Write a short note on drip irrigation.
8. Note on seed propagation.
9. What are the qualities of seed ?
10. Mention the scope cut flower market.

(Ceiling 24 marks)

Section B

*All questions can be answered.
Each question carries 6 marks.
(Ceiling 36 marks)*

11. Explain formal and informal style of gardens.
12. Mention the following propagating structures a) green house b) poly house c) mist chamber.
13. Distinguish micro and macro photography.
14. Determine the Ikebana floral arrangements and its types.

Turn over

15. Describe the Scope and prospects of Cut flower market
16. Give an account on industrial importance of ornamental plants.
17. Explain the types of fertilizers and their composting systems.
18. Discuss about the features of a garden.

(Ceiling 36 marks)

Section C

Answer any one.

The question carries 10 marks

19. Give detailed about the types vegetative propagation with suitable diagrams.
20. What is Indoor gardening ? Brief out the selection of plants, care and maintenance of indoor plants.

(1 × 10 =10 marks)

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Section A*All questions can be answered.**Each question carries 3 marks.**Ceiling 24 marks.*

1. Explain pattern and veining of leaves.
2. Define poly house.
3. What is Patch budding ?
4. Define Botanical photography.
5. Write a note on Gazebo.
6. Describe flower bed.
7. Write a short note on colour theory Botanical illustrations.
8. Find out the types of Landscaping.
9. What is meant by Botanical printing process ?
10. Explain lighting and capturing.

Section B*All questions can be answered.**Each question carries 6 marks.**Ceiling 36 marks.*

11. Explain the Geometric arrangements of leaves, size and scale.
12. Write about the selection, care and maintenance of indoor plants.

Turn over

13. Predict the garden tools and their uses.
14. What is Grafting ? Classify the types with diagram.
15. Distinguish Micro and Macro photography.
16. Describe resin embedding of flowers techniques and applications.
17. Illustrate Basics Digital documentation.
18. Find out the importance Flower shows and exhibitions.

Section C

*Answer any **one** question.*

The question carries 10 marks.

19. Classify the types of vegetative propagation.
20. Elaborate the seed quality, seed treatment and transplanting techniques used for seed propagation.

(1 × 10 = 10 marks)