

(6 pages)

Reg. No. :

Code No. : 20536 E Sub. Code : CNBO 31

U.G. (CBCS) DEGREE EXAMINATION, APRIL 2023.

Third Semester

Botany

Non Major Elective – GARDENING AND GARDEN
MANAGEMENT

(For those who joined in July 2021 onwards)

Time : Three hours Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer :

1. In a formal garden the imaginary central line is known as
(a) Edges (b) Axis
(c) Focal point (d) Hedges
2. Main features of English garden
(a) Lawn (b) Rockery
(c) Lanterns (d) Border

7. What is a kitchen garden?
(a) Collections of plants that you can grow indoors
(b) Garden at the backyard
(c) Collections of vegetables that are grown in agricultural fields
(d) Group of fruits and vegetables which grow only in summer
8. The highly decomposed organic matter rich in minerals like nitrogen, phosphorus, and potassium, in particular, produced from the activity of earthworm is called
(a) Humus
(b) Vermicompost
(c) Worm Casting
(d) Compost bedding
9. The miniaturization of plants under Bonsai is originated from
(a) Canada (b) Egypt
(c) Japan (d) Venezuela
10. Terrarium is a
(a) Glass garden
(b) Green house plant
(c) Type of bonsai
(d) Part of the Japanese garden

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3. Soft wood cutting is possible in
(a) *Hibiscus* (b) *Tectona*
(c) Mango (d) *Terminalia*
4. Which among the following technique is popularly called "gootee"?
(a) Simple layering
(b) Air layering
(c) Whip grafting
(d) Patch budding
5. Which of the following is the quickest method of lawn making?
(a) Seeding (b) Dibbling
(c) Turfing (d) Turf plastering
6. Hedges are
(a) Plants growing on the center of the garden
(b) Plants raised on the lawns
(c) Plants growing on the borders of the garden
(d) Plants hanging on the pergolas

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PART B — (5 × 5 = 25 marks)

Answer ALL questions choosing either (a) or (b).
Each answer should not exceed 250 words.

11. (a) Compare formal garden with informal garden.
Or
(b) Give an account of English gardens.
12. (a) Write a short note on commonly used garden implements.
Or
(b) Explain leaf cutting.
13. (a) Comment on edges.
Or
(b) How will you prepare flower beds?
14. (a) Does compost pit required for houses? Explain.
Or
(b) List down the components of *Panchakaviya*.

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[P.T.O.]

15. (a) Elucidate the principle of indoor gardening.

Or

(b) How will you prepare hanging baskets?

PART C — (5 × 8 = 40 marks)

Answer ALL questions choosing either (a) or (b).

Each answer should not exceed 600 words.

16. (a) Write an essay on the principle of ornamental garden.

Or

(b) What do you mean by Moghul Garden? How it is created?

17. (a) "Air layering is a successful propagation technique"- Justify

Or

(b) Write an essay on stem cutting.

18. (a) How will you account for rockery?

Or

(b) What is mean by topiary? How it is designed?

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19. (a) Prepare the layout of a kitchen garden giving choice of plants.

Or

(b) Discuss, in detail, the preparation of vermicomposting.

20. (a) Highlight the aesthetic value of Bonsai

Or

(b) What do mean by terrarium? How it is useful in gardening?

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