

(6 pages)

Reg. No. : .....

Code No. : 30541 E Sub. Code : CNBO 31

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

Third Semester.

Botany

Non Major Elective — GARDENING AND GARDEN  
MANAGEMENT

(For those who joined in July 2021-2022)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer :

1. Benefits of ornamental gardening
  - (a) Aesthetic pleasure
  - (b) Pleasure of residents
  - (c) Cleaning the air
  - (d) All of the above

2. Moghul garden is an example for
  - (a) Informal garden
  - (b) Formal garden
  - (c) Topiary
  - (d) Land Scape
3. Moisture retaining material used in air layering
  - (a) Spagnum moss
  - (b) Tissue paper
  - (c) Paper
  - (d) None
4. Garden rake is used to
  - (a) Leveling lands
  - (b) Uprooting of plants
  - (c) Pruning dead branches
  - (d) Ploughing tool
5. Commonly grown grass in lawn is
  - (a) Vinca
  - (b) Cynodon
  - (c) Thevefia
  - (d) Thuja

6. Plants that are suitable for Topiary  
 (a) Casurina (b) Neem  
 (c) Tecoma (d) Hibiscus
7. Earthworm which convert organic waste to  
 (a) Vermicompost  
 (b) Panchakavia  
 (c) NPK  
 (d) Urea
8. Kitchen garden is a  
 (a) Vegetable garden (b) Rockery  
 (c) Lawn (d) Topiary
9. Indoor plants keep you  
 (a) Good health  
 (b) Reducing fatigue  
 (c) Lowering stress  
 (d) All of the above
10. Miniature of trees in a container  
 (a) Rockery (b) Bonsai  
 (c) Topiary (d) Lawn

PART B — (5 × 5 = 25 marks)

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

Each answer should not exceed 250 words.

11. (a) Write down the steps involved in designing formal garden.  
 Or  
 (b) Write notes on Mogul garden.
12. (a) Write notes on pruning.  
 Or  
 (b) Explain patch budding.
13. (a) Write short notes on Arches and Edges.  
 Or  
 (b) How will you design Rockery?
14. (a) Write an account on pedals construction in a Kitchen garden.  
 Or  
 (b) Write short notes on panchakavia.
15. (a) Write short notes on Hanging basket.  
 Or  
 (b) Explain terrarium.

PART C — (5 × 8 = 40 marks)

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

Each answer should not exceed 600 words.

16. (a) Write an essay on design of the informal garden.

Or

- (b) How will you design Ornamental garden?

17. (a) Explain air layering in detail with suitable diagram.

Or

- (b) Explain soft wood cutting with suitable example and diagram.

18. (a) Explain the method of lawn making.

Or

- (b) How will you design Topiary?

19. (a) Explain the establishment of a kitchen garden.

Or

- (b) How will you prepare Vermicomposit?

20. (a) Write the principles and maintenance of Indoor Garden.

Or

- (b) Write an account on the techniques and uses of Bonsai.
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