

(6 pages)

Reg. No. :

Code No. : 20865 E Sub. Code : ESBO 24

B.Sc. (CBCS) DEGREE EXAMINATION,
APRIL 2024.

Second Semester

Botany — Main

Skill Enhancement Course 3 – BOTANICAL GARDEN
AND LANDSCAPING

(For those who joined in July 2023 onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer.

1. Which one is not a non-living element of garden?
(a) Hedges (b) Fountains
(c) Statues (d) Pillars
2. Japanese art is
(a) Lawn (b) Bonsai
(c) Rockery (d) Trophy

3. Indian institute of Horticultural research (IIHR) is located in
(a) Karnataka (b) Tamil Nadu
(c) Kerala (d) Delhi
4. The art of growing rock loving plant in large stones is
(a) Rockery (b) Bonsai
(c) Lawn (d) Aquarium
5. Which type of plants is most suitable for vertical gardens?
(a) Groundcover plants
(b) Shrubs
(c) Succulents
(d) Trees
6. What is the primary benefit of vertical gardens?
(a) Maximizing horizontal space
(b) Minimizing the need for sunlight
(c) Enhancing air quality
(d) Reducing soil erosion

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7. What is the key benefit of therapeutic gardens?
- (a) Conservation of endangered plant species
 - (b) Promoting stress reduction and healing
 - (c) Providing spaces for Japanese tea ceremonies
 - (d) Fostering mindfulness and meditation
8. What is the primary purpose of Zoo garden?
- (a) To showcase diverse plant species
 - (b) To promote meditation and mindfulness
 - (c) To cultivate medicinal herbs
 - (d) To provide habitat for wildlife
9. Which software is commonly used for computer-aided designing in indoorscaping gardens?
- (a) AutoCAD
 - (b) Adobe Photoshop
 - (c) Microsoft Excel
 - (d) Google Sketchup

10. What is the primary purpose of computer coded designing in indoorscaping gardens?
- (a) To replace traditional gardening techniques
 - (b) To enhance precision and efficiency in design
 - (c) To reduce the need for human intervention entirely
 - (d) To increase the cost of garden design projects

PART B — (5 × 5 = 25 marks)

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

Each answer should not exceed 250 words.

11. (a) What are garden components? Give its examples.

Or

- (b) What are the principles of gardening?

12. (a) Why is flower arrangement important?

Or

- (b) Write down the Bioaesthetic planning of flower arrangement.



13. (a) Compare formal garden with informal garden.

Or

- (b) Give a short note on Roof garden.

14. (a) Give a brief account on Rockery.

Or

- (b) List out the advantages of therapeutic home garden.

15. (a) What are the limitations of using CAD in garden design, and how can be addressed?

Or

- (b) What role does CAD play in optimizing the use of space and resources in garden design?

PART C — (5 × 8 = 40 marks)

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

Each answer should not exceed 600 words.

16. (a) Illustrate the methods of preparation of Lawn.

Or

- (b) Discuss about the special types of garden.

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17. (a) How do you arrange flower Rangoli in front of your department at Science exhibition?

Or

- (b) What are the significant post-harvest practices in flowers?

18. (a) Write an essay on Bonsai making.

Or

- (b) How do you design landscaping for specific situations?

19. (a) What is indoor garden? Explain methods of establishing indoor garden.

Or

- (b) How will you contribute ecotourism as a gardener? Add its benefits.

20. (a) What is CAD? How will you use it for landscaping garden?

Or

- (b) What are the key aspects of using Computer Aided Designing (CAD) for both outdoor and indoor landscaping projects?

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