

KAMARAJ COLLEGE (Autonomous)

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(Affiliated to Manonmaniam Sundaranar University, Tirunelveli)

(3 Pages)

Reg. No:.....

Question Code : 26E00909

Course Code : 24USB024

UG Degree - End Semester Examinations, April 2026

Second Semester

B.Sc., BOTANY

Botanical Garden and Landscaping

(For those who joined in July 2024 onwards)

Time : 3Hours

Maximum : 75 Marks

PART - A (10 × 1 = 10 Marks)

Answer ALL Questions

Choose the correct answer :

- CO:1 1. A garden with perfect symmetry is called _____
K:1 (a) Informal (b) Landscape
(c) Formal (d) Baradari
- CO:1 2. India is known as the home for _____
K:2 (a) Vegetables (b) Spices and medicinal plants
(c) Fruits (d) Flowers
- CO:2 3. _____ can be defined as the green carpet for a landscape.
K:1 (a) Lawn (b) Topiary
(c) Trophy (d) Flowerbed.
- CO:2 4. The greenhouse construction requires which of following?
K:2 (a) Wooden (b) Thick glasses
(c) Iron (d) All of the above
- CO:3 5. What is the growing of plants adopted to lakes and rivers known as?
K:1 (a) Water garden (b) Bottle Garden
(c) Botanical garden (d) Terrace Garden
- CO:3 6. The most common hedge plant is _____
K:2 (a) *Euphorbia tirucalli* (b) *Clerodendron inermis*
(c) *Cacti species* (d) *Casuarinas species*

- CO:4 7. Shaping plants into the forms of animals and birds is called
K:1 (a) Topiary (b) Edging
(c) Trophy (d) Hedging
- CO:4 8. Bonsai plants are trained to grow into
K:2 (a) Curved shape (b) S-Shape
(c) Round shape (d) All the three
- CO:5 9. Major types of plants used for landscaping are _____
K:1 (a) Tree (b) Shrub
(c) Flower (d) All of the above
- CO:5 10. What is the primary objective of landscaping in hospitals?
K:2 (a) Promote physical and mental wellbeing of patients
(b) Enhance the hospitals overall atmosphere
(c) Distraction from the stress of medical treatment
(d) All of these

PART - B (5 X 5 = 25 Marks)

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

Answer should not exceed 250 words.

- CO:1 11. (a) Write a short note on principles of garden designing.

K:3 **(OR)**

- (b) What are the advantages of a formal garden?

- CO:2 12. (a) Organize your thoughts on a lawn making methods.

K:3 **(OR)**

- (b) What are the two factors which decide the dimension of flower beds in garden? Add notes on the importance of flower beds in public gardens.

- CO:3 13. (a) Write a short note on Pergolas.

K:4 **(OR)**

- (b) Can you group the ornamental hedge plants by their characteristics?

- CO:4 14. (a) Would this information on topiary be useful if you had any plants in your garden? If so, how would you use it?

K:4 **(OR)**

(b) Bonsai culture - Add notes on its importance in the dream world.

CO:5 15. (a) Evaluate the sustainable landscaping practices for garden
K:5 maintenance.

(OR)

(b) Elucidate the concept of vertical gardens with a suitable diagram.

PART - C (5 X 8 = 40 Marks)

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

Answer should not exceed 500 words.

CO:1 16. (a) Evaluate the features of informal garden. Add its advantages
K:5 and disadvantages.

(OR)

(b) Assess the importance of garden making.

CO:2 17. (a) Classify the components of garden and describe their
K:3 establishment.

(OR)

(b) Describe the various types of greenhouses used in horticulture.

CO:3 18. (a) Define a water garden and analyze its importance in
K:4 landscaping.

(OR)

(b) Analyze the methods used in designing a rockery garden.

CO:4 19. (a) Evaluate the principles and practices of Bonsai culture.
K:5

(OR)

(b) Evaluate the principles of care and maintenance in Indoor gardening.

CO:5 20. (a) Explain the basic principles of landscape plant design.
K:4

(OR)

(b) Analyze the key elements of residential landscaping.