

KAMARAJ COLLEGE (Autonomous)

Accredited with A+ Grade by NAAC

(Affiliated to Manonmaniam Sundaranar University, Tirunelveli)

(3 Pages)

Reg. No:.....

Question Code: 26E00913

Course Code : 25USB013

UG Degree - End Semester Examinations, April 2026

First Semester

B.Sc., BOTANY

Nursery and Landscaping

(For those who joined in June 2025 onwards)

Time : 3Hours

Maximum : 75 Marks

PART - A (10 × 1 = 10 Marks)

Answer ALL Questions

Choose the correct answer :

- CO:1 1. Which technique is the core of horticulture nurseries
K:1 (a) Plant Propagation (b) Cloning
(c) Mass cultivation (d) None of these
- CO:1 2. What is the objective of landscaping?
K:1 (a) Enhance the aesthetic appeal of an area (b) Increase the property value
(c) Secure attractive ground (d) All the above
- CO:2 3. Name the vegetative propagation technique in which rooting
K:1 occurs on a stem that is still connected to the main plant
(a) Cutting (b) Budding
(c) Layering (d) All the above
- CO:2 4. Which horticulture techniques combine two plants to get good
K:1 qualities in one plant?
(a) Grafting (b) Cutting
(c) Layering (d) Seeding
- CO:3 5. Select the key characteristic of a formal garden
K:2 (a) Clear structure (b) Geometrical shapes
(c) Symmetrical layout (d) Irregular layout

- CO:3 6. Find the principle followed in an informal garden design
K:2 (a) Asymmetry (b) Curved lines
(c) Diverse plantings and natural materials (d) Symmetry
- CO:4 7. Which plants commonly used for topiary?
K:1 (a) Evergreen (b) Woody
(c) Produce dense foliage (d) All the above
- CO:4 8. Find the county where the art of Bonsai originated?
K:1 (a) Japan (b) India
(c) China (d) Africa
- CO:5 9. Recall the organic mixture added to soil to increase its nutrient
K:1 content.
(a) Sand (b) Pesticide
(c) Compost (d) Insecticide
- CO:5 10. Find the method of waste management that involves earthworms
K:1 in the preparation of fertilizer.
(a) Manuring (b) Composting
(c) Vermicomposting (d) Mulching

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) List out the scope of nursery.

K:4 **(OR)**
(b) Simplify the concepts of landscaping.

- CO:2 12. (a) Construct the steps involved in cutting technique of
K:4 vegetative propagation.

(OR)

(b) Develop an essay on how to cultivate Roses successfully.

- CO:3 13. (a) Explain the main features of a formal garden.

K:4 **(OR)**
(b) Analyze the main features and design principle of an informal garden.

- CO:4 14. (a) Examine the structure and component of a green house.

K:4

(OR)

(b) List out and summarize the importance of garden implements.

CO:5 15. (a) Construct an essay on the signification of organic manure in soil fertility.

K:4

(OR)

(b) Develop a note on the methods and producers of mulching in crop production.

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) Discuss the steps involved in nursery practise.

K:6

(OR)

(b) Explain in detail about the scope of landscaping.

CO:2 17. (a) Compile any three methods of vegetative plant propagation.

K:6

(OR)

(b) Discuss the cultural practices involved in the successful cultivation of Jasmine.

CO:3 18. (a) Explain in detail about vegetable garden.

K:3

(OR)

(b) Explain about the formation and maintenance of lawn.

CO:4 19. (a) Develop a note on the process of topiary making and its benefits.

K:5

(OR)

(b) Elaborate the steps involved in bonsai making.

CO:5 20. (a) Explain in detail about composting and its significance.

K:3

(OR)

(b) Write an essay on the process of vermicompost production.