

**Registration number:**

**Date:**

**ST JOSEPH’S UNIVERSITY, BENGALURU-27**

**BOTANY OPEN ELECTIVE COURSE – 4th SEMESTER**

**SEMESTER EXAMINATION: APRIL 2024**

**(Examination conducted in May/June 2024)**

**BOOE1 - Gardening and Landscaping Technology**

(For current batch students only)

**Time- 2 hrs Max Marks-60**

This question paper contains ONE printed page and THREE parts

Draw diagrams and write examples wherever necessary

**A. Define/explain any TEN of the following: 10x2=20**

1. Zen garden
2. Softscape
3. Sod lawn
4. Sensory garden
5. Rhizome
6. Perlite
7. Manure
8. Live fence
9. Kokedama
10. Hydroponics
11. Hanging garden
12. Butterfly garden

**B. Answer any FIVE of the following: 5x6=30**

1. Elaborate on the techniques involved in creating and maintaining a bonsai.
2. Write a brief note on components and significance of vertical gardens.
3. Discuss the significance of community garden.
4. Describe the green house and its significance in gardening.
5. Elaborate on any three artificial vegetative propagation techniques.
6. Describe any five tools and implements used in gardening.
7. Describe any five supporting features used in the garden.

**C. Answer any ONE of the following: 1x10=10**

1. Give a detailed note on steps involved in Terrarium making.
2. Describe any ten avenue trees grown as part of the urban landscape.