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FIFTH SEMESTER (CUFYUGP) DEGREE EXAMINATION, NOVEMBER 2026

BOTANY

BOT5FS112(2) LANDSCAPING AND GARDENING

2024 Admission onwards

Maximum Time :1.5 Hours **Maximum Marks :50**

Section A

All Questions can be answered. Each Question carries 2 marks (Ceiling : 16 Marks)

1	What is the main objectives of the gardening?
2	How is soil prepared for garden beds?
3	Definition of landscaping.
4	Define xeriscaping.
5	What is meant by agronomy?
6	Find the technique involved for soil moisture monitoring.
7	Write the application of irrigation process.
8	Name some hydroponic nutrient solutions.
9	Name two common pests found in gardens and their impact on plants.
10	Define hydroponics and mention one advantage of using this system.

Section B

All Questions can be answered. Each Question carries 6 marks (Ceiling : 24 Marks)

11	Enumerate the Principles of plant selection.
12	Illustrate the factors affecting landscape planning.
13	Describe the process and benefits of rainwater harvesting in sustainable irrigation practices.
14	Explain Fertigation equipment process and its application in hydroponics.
15	Discuss about the integrated pest management (IPM) strategies for sustainable pest control.

Section C

Answer any ONE. Each Question carries 10 marks (1x10=10 Marks)

16	Elaborate the principles of landscape design.
17	Determine the concept of Planting techniques of gardening.