

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

MSc DEGREE EXAMINATION MAY 2025
(Third Semester)

Branch- BOTANY

MAJOR ELECTIVE COURSE- II: HORTICULTURAL TECHNIQUES

Time: Three Hours

Maximum: 75 Marks

SECTION-A (10 Marks)

Answer ALL questions

ALL questions carry EQUAL marks (10 × 1 = 10)

Module No.	Question No.	Question	K Level	CO
1	1	In India, which state called as “ Horticultural state of India”? a) Karnataka b) Tamilnadu c) Kerala d) Goa	K1	CO1
	2	----- soil has higher calcium and pH levels. a) Clay b) Loamy c) Silt d) Sand	K2	CO1
2	3	Layering can be done on plants such as a) <i>Bougainvillea</i> b) Bulbs c) Oleander d) Sugar cane	K1	CO2
	4	Onion and Garlic are examples of a) Rhizome b) Stem tuber c) Corn d) Bulb	K2	CO2
3	5	----- flowering plants considered as “ King of flowers”. a) Sunflower b) Lavender c) Rose d) Orchid	K1	CO3
	6	If a flower arrangement appears to be ready to fall over, it lacks a) Focus b) Balance c) Rhythm d) Harmony	K2	CO3
4	7	Cultivation of plants that require a low amount of light and water to thrive re typically known as a) Indoor gardening b) Outdoor gardening c) Landscape gardening d) None of the above	K1	CO4
	8	Rooting chemical Rootex contains a) IAA b) Kinetin c) IBA d) 2,4 - D	K2	CO4
5	9	Who is the father of Pomology? a) Charles Dowing b) Joseph c) Jacob d) Iris	K1	CO5
	10	Generally the place, in which fruit is grow, known as ----- a) Orchidarium b) Indoor Gardening c) Orchard d) None of the above	K2	CO5

Cont..

SECTION - B (35 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks (5 × 7 = 35)

Module No.	Question No.	Question	K Level	CO
1	11.a.	Compare the organic fertilizer with inorganic fertilizer.	K4	CO1
		(OR)		
	11.b.	Examine the different branches of horticulture.		
2	12.a.	Analyze the artificial vegetative propagation method.	K4	CO2
		(OR)		
	12.b.	List out the common diseases that affecting the horticultural crops.		
3	13.a.	Explain the problem that encountered in floriculture field.	K5	CO3
		(OR)		
	13.b.	Evaluate the production method of cut flowers.		
4	14.a.	Criticize the importance of nursery management practices.	K5	CO4
		(OR)		
	14.b.	Assess the advantages and disadvantages of hydroponics gardening.		
5	15.a.	Discuss the storage mechanism of fruits with reference to Banana.	K6	CO5
		(OR)		
	15.b.	Elaborate the factors affecting fruiting stage of plant.		

SECTION -C (30 Marks)

Answer ANY THREE questions

ALL questions carry EQUAL Marks (3 × 10 = 30)

Module No.	Question No.	Question	K Level	CO
1	16	Examine the functions of macro nutrients and micro nutrients in nursery crop.	K4	CO1
2	17	Analyze the vegetative propagation in plants and its types.	K4	CO2
3	18	Criticize the packaging of cut flowers in floriculture field.	K5	CO3
4	19	Explain in detail about the different styles of bonsai in horticulture.	K5	CO4
5	20	Elaborate the role of growth regulators in horticultural crops.	K6	CO5

Z-Z-Z END