

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)
MSc DEGREE EXAMINATION DECEMBER 2024
(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	Horticulture is the branch of----- a) Agriculture b) Nursery and Gardening c) Forestry d) Agronomy	K1	CO1
	2	Who is the father of Horticulture in India? a) M.H.Marigowda b) M.S.Swaminathan c) M.H.Gowda d) P.Maheswari	K2	CO1
2	3	Cutting method of propagation is not suitable for a) Lime b) Sugar cane c) Oleander d) Tapioca	K1	CO2
	4	A common example of stem tuber is a) Ginger b) Garlic c) Potato d) Tomato	K2	CO2
3	5	The study of flowers is called as a) Olericulture b) Floriculture c) Arboriculture d) Pomology	K1	CO3
	6	India is the ----- largest flower growing country. a) First b) Second c) Third d) Fourth	K2	CO3
4	7	Indoor plants are generally----- a) Sun loving b) Shade loving c) Sea water d) None of the above	K1	CO4
	8	Technique to control shape, size and direction of plant growth is known as a) Thinning b) Topiary c) Disbudding d) Training	K2	CO4
5	9	At the time of fruit ripening----- a) Level of ABA decreases b) Level of ABA increases c) Remains constant d) None of the above	K1	CO5
	10	Transportation of fruits is affected by----- a) Method of packaging b) Stage of ripening c) Distance of market d) All 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.	Questions	K Level	CO
1	11.a.	List out the scope of horticulture in India.	K4	CO1
		(OR)		
	11.b.	Examine the different types of soil used in horticulture practices.		
2	12.a.	Identify the common diseases that affecting the horticultural crops.	K4	CO2
		(OR)		
	12.b.	Develop the various layering methods followed in horticulture.		
3	13.a.	Explain the role of floriculture in developing country.	K5	CO3
		(OR)		
	13.b.	Evaluate the factors affecting plant growth and also flower production.		
4	14.a.	Prove: The good infrastructure make higher yield in gardening.	K5	CO4
		(OR)		
	14.b.	Examine the importance of gardening.		
5	15.a.	Discuss about the factors affecting fruiting stage of plant.	K6	CO5
		(OR)		
	15.b.	Analyze the recent storage methodology of fruits.		

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 water irrigation system in horticulture and its types.	K4	CO1
2	17	Survey the plant propagation mechanism by plant tissue culture.	K4	CO2
3	18	Evaluate the cultivation process of <i>Anthurium andreanum</i> crop.	K5	CO3
4	19	Explain in detail about the different styles of bonsai in horticulture.	K5	CO4
5	20	Elaborate the methods of pruning that is very important to fruit crops.	K6	CO5

Z-Z-Z END