

PSG COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)

MSc DEGREE EXAMINATION DECEMBER 2025
(Third Semester)

Branch – BOTANY

TAXONOMY OF ANGIOSPERMS AND ECONOMIC BOTANY

Time: Three Hours

Maximum: 75 Marks

SECTION-A (10 Marks)

Answer ALL questions

ALL questions carry **EQUAL** marks

$$\cdot (10 \times 1 = 10)$$

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.	Describe the contribution of Nathaniel Wallich's and Gamble's in the field of plant taxonomy.	K2	CO1
		(OR)		
2	11.b.	Give the various steps in herbarium techniques.	K3	CO2
	12.a.	Explain the primitive floral characteristics of Magnoliaceae family.		
		(OR)		
3	12.b.	Provide the floral characters of Myrtaceae family with suitable diagrams.	K3	CO3
	13.a.	Tabulate the specialized floral features of Rubiaceae family with suitable diagrams.		
		(OR)		
4	13.b.	Assign distinctive characteristic features of Pedaliaceae.	K4	CO4
	14.a.	Illustrate the unique features of the floral characters of Piperaceae.		
		(OR)		
5	14.b.	Outline the floral characters of Amaryllidaceae with suitable diagrams.	K4	CO5
	15.a.	Point out the economic importance of <i>Solanum tuberosum</i> .		
		(OR)		
	15.b.	Outline the cultivation, Harvest, Processing of <i>Elettaria cardamomum</i> .		

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	Illustrate the natural system of classification of Plant.	K4	CO1
2	17	Distinguish the specific floral morphology found in Fabaceae family.	K4	CO2
3	18	Explain the variation in the floral characters of Oleaceae.	K4	CO3
4	19	Validate the advanced unique features of the Poaceae with suitable diagrams.	K5	CO4
5	20	Summarize the Cultivation, Harvest, Processing and Economic Importance of <i>Gossypium hirsutum</i> .	K5	CO5