

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION DECEMBER 2025
(Fifth Semester)

Branch – BOTANY

MEDICINAL PLANT SCIENCE

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	Which among the following are used for litmus dye? (i) Fungi (ii) Lichen (iii) Algae (iv) Bryophytes	K1	CO1
	2	Infer the formulation made for Triphala. (i) One herb (ii) Two herbs (iii) Three herbs (iv) Seven herbs	K2	CO1
2	3	Where can you find labels that indicate the botanical name of plants? (i) National Park (ii) Sanctuary (iii) Water Garden (iv) Botanical garden	K1	CO2
	4	Relate the chief chemical constituent of aloe? (i) Strychnine (ii) Vincristine (iii) Protopine (iv) Emodine	K2	CO2
3	5	Which part of the Digitalis plant is used medicinally? (i) Leaves (ii) Fruit (iii) Root (iv) Flower	K1	CO3
	6	Infer the medicinal plant used for treatment of Jaundice (i) Coriandrum (ii) Piper (iii) Phyllanthus (iv) Withania	K2	CO3
4	7	Match Quinine, an antimalarial drug, is obtained from? (i) Neem (ii) Cinchona (iii) Aloe (iv) Senna	K1	CO4
	8	Interpret the fruit of Piper longum In Ayurvedic medicine. (i) Haridra (ii) Amalaki (iii) Vasa (iv) Pippali	K2	CO4
5	9	Name the plant used for the treatment of cardiovascular system (i) sarpagandha (ii) babool (iii) Jamun (iv) Tulsi	K1	CO5
	10	Interpret for which treatment the Banana stem is used (i) cardiovascular (ii) Nervous (iii) Urinogenital (iv) Digestive	K2	CO5

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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.	Explain traditional systems of medicine.	K2	CO1
	(OR)			
	11.b.	Summarize any three algal medicinal plants.		
2	12.a.	Plan a model kitchen garden medicinal plants.	K3	CO2
	(OR)			
	12.b.	Apply any one value added products studied by you.		
3	13.a.	Identify the medicinal properties and active principles of <i>Vitex negundo</i> .	K3	CO3
	(OR)			
	13.b.	Select the importance of <i>Zingiber officinalis</i> .		
4	14.a.	List the medicinal properties of <i>Coriandrum sativum</i> .	K4	CO4
	(OR)			
	14.b.	Simplify the medicinal values of <i>Crocus sativum</i> .		
5	15.a.	Analyze the cancer prohibiting drugs.	K4	CO5
	(OR)			
	15.b.	Compare any two urinogenetal drugs.		

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	Categorize the Classification of medicinal plants.	K4	CO1
2	17	Compare <i>In situ</i> and <i>Ex situ</i> conservation.	K4	CO2
3	18	Examine the medicinal properties of <i>Eclipta alba</i> .	K4	CO3
4	19	Inspect the available locality, flowering, fruiting, medicinal properties and active principles of <i>Cinnamomum verum</i> .	K4	CO4
5	20	List the remedial plants and drug acting on Digestive systems.	K4	CO5

Z-Z-Z END