# PSG COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)

#### **MSc DEGREE EXAMINATION MAY 2024**

(Second Semester)

#### Branch - BOTANY

# MAJOR ELECTIVE COURSE-I: FOREST RESOURCE MANAGEMENT

Time: Three Hours Maximum: 75 Marks

## SECTION-A (10 Marks)

Answer ALL questions

ALL questions carry EQUAL marks  $(10 \times 1 = 10)$ 

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Module No.	Question No.	Question	K Level	СО		
1	1	Which Indian state has the largest forest cover?  a. Kerala b. Chhattisgarh c. Arunachal Pradesh d. Madhya Pradesh	K1	CO1		
	2	Identify 'Monsoon forest' from the following.  a. tropical deciduous forest  b. montane forest  c. tropical evergreen forest  d. mangrove forest	K2	CO2		
2	3	Tropical evergreen forests receive annual rainfall more than  a. 100 cm	K1	COI		
	4	Tundra type of vegetation is characterized by a. citrus fruits plants b. mosses, lichens & very small shrubs c. Sal, teak & neem d. large shrubs and trees	K2	CO2		
3	5	Identify which of the following is not a forest product?  a. wood b. sealing wax c. salt d. honey	K1	CO1		
	6	An example of a non-timber forest product (NTFP) from the following is a. Lumber b. Paper c. Wild mushrooms d. Plywood	K2	CO2		
4	7	The elimination of branches in order to obtain trees with clean bole is known as a. weeding b. cleaning c. thinning d. pruning	K1	CO1		
	8	The silvicultural system which provides both timber and fuelwood side by side is a. Clear felling system b. Selection wood system c. Shelterwood system d. Coppice with standard	K2	CO2		
5	9	Planting of more trees in a destroyed forest is a. Afforestation b. Deforestation c. Reforestation d. Social Forestry	K1	CO1		
	10	Partnership between the state forest department & the local communities is the a. agroforestry b. Joint forest management c. management plan d. livelihood management	K2	CO2		

#### 22BOP209AN/ 22BOP209A Cont...

## SECTION - B (35 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks  $(5 \times 7 = 35)$ 

Module No.	Question No.	Question	K Level	СО
1	11.a.	Examine manmade forests and its significance.		
	(OR)		K4	CO4
	11.b.	Analyze the methods adopted for forest conservation.		
	12.a.	Emphasize the importance of forest.		
2		(OR)		CO3
	12.b.	Shed light on the topic 'plant competition'.	2217 717	
	13.a.	Identify the non-timber forest products with its commercial uses.		
3	(OR)		K3	CO3
	13.b.	Explain the following forest products: a) Bamboos b) fibers		
	14.a.	Assess the methods of forest regeneration and its significance.		
4	(OR)		K5	CO5
	14.b.	Compare and contrast the clear felling system and shelter wood system.		
	15.a.	Distinguish between afforestation and reforestation. Add a note on its significance.		
5	(OR)		K4	CO4
	15.b.	Simplify the concept of sustainable forest management.		

SECTION -C (30 Marks)
Answer ANY THREE questions

ALL questions carry EQUAL Marks  $(3 \times 10 = 30)$ 

Module No.	Question No.	Question	K Level	со
1	16	Analyse the different types of forests found in Tamil Nadu.	K4	CO4
2	17	Evaluate the factors influencing the resource availability in forest.	K5	CO5
3	18	Summarize the collection methods, identification and uses of Lac.	K4	CO4
4	19	Explore the various tending operations in forestry.	K4	CO4
5	20	Interpret the approaches and methods of Participatory forestry.	K5	CO5