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G. VENKATASWAMY NAIDU COLLEGE (AUTONOMOUS), KOVILPATTI – 628 502.**PG DEGREE END SEMESTER EXAMINATIONS - APRIL 2025.**

(For those admitted in June 2023 and later)

PROGRAMME AND BRANCH: M.Sc., BOTANY

SEM	CATEGORY	COMPONENT	COURSE CODE	COURSE TITLE
IV	PART-III	CORE ELECTIVE - 6	P23BO4E6B	FORESTRY AND WOOD TECHNOLOGY

Date & Session: 29.04.2025/FN**Time: 3 hours****Maximum: 75 Marks**

Course Outcome	Bloom's K-level	Q. No.	SECTION – A (10 X 1 = 10 Marks) Answer ALL Questions.
CO1	K1	1.	What is the term called replanting trees of the same species? a) Monoculture b) Polyculture c) Group culture d) Mixed culture
CO1	K2	2.	Who is the father of forests in India? a) Bharathis b) Brandis c) Bhindhus d) Brabhus
CO2	K1	3.	What stands for FPC? a) Foreign Protection Committee b) Forest Protection Committee c) Forest Programme Committee d) Forest Protection Commission
CO2	K2	4.	Which element is absent in forest ecology? a) Animals b) Plants c) Plastics d) Soil
CO3	K1	5.	What is the other name of crown in forestry? a) Callopy b) Hallopy c) Canopy d) Shallowpy
CO3	K2	6.	Which type of science deals the art of growing and cultivating forest crops? a) Sericulture b) Seed culture c) Sediculture d) Silviculture
CO4	K1	7.	What is known as the death of seeds before they can germinate? a) Seed Masses b) Seed Mortality c) Seed growth d) Seed development
CO4	K2	8.	Find out odd one for seed production management. a) Duration b) Soil c) Nutrient d) Climate
CO5	K1	9.	What is the name of tool used to measure vertical angle of wood? a) Calidometetr b) Calvanometer c) Carsinometer d) Clinometer
CO5	K2	10.	Which year Indian forest proposed Wildlife Protection Act? a) 1972 b) 1927 c) 2004 d) 2006

Course Outcome	Bloom's K-level	Q. No.	<p align="center">SECTION – B (5 X 5 = 25 Marks) Answer <u>ALL</u> Questions choosing either (a) or (b)</p>
CO1	K2	11a.	Describe the types of forest with suitable example. (OR)
CO1	K2	11b.	Summarize the details of monoculture.
CO2	K2	12a.	Enumerate the details of forest ecology. (OR)
CO2	K2	12b.	Outline the details about the misuse of forest by human activity.
CO3	K3	13a.	Analyse the scope of silviculture. (OR)
CO3	K3	13b.	Discuss in brief about silviculture.
CO4	K3	14a.	Write a note on seed dissemination in forest. (OR)
CO4	K3	14b.	Explain in details about the seed production in forest.
CO5	K4	15a.	How you will measure the age of wood. Provide evidence for the measurement. (OR)
CO5	K4	15b.	Describe rules and methods of measurement of wood diameter.

Course Outcome	Bloom's K-level	Q. No.	<p align="center">SECTION – C (5 X 8 = 40 Marks) Answer <u>ALL</u> Questions choosing either (a) or (b)</p>
CO1	K4	16a.	Write an essay about forest ecosystem. (OR)
CO1	K4	16b.	Elucidate on forest biodiversity and gene conservation.
CO2	K5	17a.	List out the timber plants and describe their vegetative features. (OR)
CO2	K5	17b.	List out the major and minor forest products with an example.
CO3	K5	18a.	Compare the world and Indian forest in brief. (OR)
CO3	K5	18b.	Describe the classification of silviculture with reference to physical factors.
CO4	K5	19a.	Give a detailed account on growth of trees. (OR)
CO4	K5	19b.	Discuss on following terms in forest i) Gross increment ii) Types of cuttings.
CO5	K6	20a.	How the forestry supports the national and social developments? (OR)
CO5	K6	20b.	Write an essay on forest laws.