

(For those admitted in June 2023 and later)

SEM	CATEGORY	COMPONENT	COURSE CODE	COURSE TITLE
V	PART - III	CORE-9	U23BO505	PLANT MORPHOLOGY, TAXONOMY AND ECONOMIC BOTANY

Maximum: 75 Marks

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Course Outcome	Bloom's K-level	Q. No.	SECTION – B (5 X 5 = 25 Marks) Answer ALL Questions choosing either (a) or (b)
CO1	K3	11a.	Illustrate the tap root modifications with suitable examples. (OR)
CO1	K3	11b.	Classify the types of racemose inflorescence.
CO2	K3	12a.	Write short notes on the role of Botanical Survey of India. (OR)
CO2	K3	12b.	Write short notes on digital herbarium and its advantages.
CO3	K4	13a.	Examine the economic importance of the family Cucurbitaceae with suitable examples. (OR)
CO3	K4	13b.	Compare the distinguishing family characteristics of Portulacaceae and Rosaceae.
CO4	K4	14a.	Compare the floral characteristics of Lythraceae and Pedaliaceae. (OR)
CO4	K4	14b.	Interpret the economic importance of the family Poaceae.
CO5	K5	15a.	Assess the utility of teak as a timber plant. (OR)
CO5	K5	15b.	Critically examine the economic value of cardamom as a spice crop.

Course Outcome	Bloom's K-level	Q. No.	SECTION – C (5 X 8 = 40 Marks) Answer ALL Questions choosing either (a) or (b)
CO1	K3	16a.	Classify the types of leaves based on phyllotaxy and venation with neat diagrams. (OR)
CO1	K3	16b.	Analyze the structure of a seed and explain importance of seed dispersal.
CO2	K4	17a.	Explain the outline classification of Bentham and Hooker system with its merits and demerits. (OR)
CO2	K4	17b.	Describe the steps involved in the herbarium technique: collection, pressing and drying.
CO3	K4	18a.	Analyze the floral characteristics of Rutaceae with the help of a floral diagram and floral formula. (OR)
CO3	K4	18b.	Analyze the floral characteristics of Asclepiadaceae with the help of a floral diagram and floral formula.
CO4	K5	19a.	Critically assess the distinguishing morphological and floral characters of the family Rubiaceae. (OR)
CO4	K5	19b.	Critically assess the distinguishing morphological and floral characters of the family Commelinaceae.
CO5	K5	20a.	Evaluate the importance of rose as a source of essential oil and its applications in perfumery. (OR)
CO5	K5	20b.	Assess the utilization of major plantation crops: sugarcane, coffee and rubber.