

SHRIMATHI DEVKUNVAR NANALAL BHATT VAISHNAV COLLEGE FOR WOMEN
(AUTONOMOUS)

(Affiliated to the University of Madras and Re-accredited with 'A+' Grade by NAAC)

Chromepet, Chennai - 600 044.

B.Sc.PBPBT - END SEMESTER EXAMINATIONS - APRIL 2025

SEMESTER - V

20UPBCT5010 - Taxonomy of Angiosperms and Economic Botany

Total Duration : 2 Hrs.30 Mins.

Total Marks : 60

Section B

Answer any **SIX** questions ($6 \times 5 = 30$ Marks)

1. Describe the importance of taxonomy.
2. With examples, describe the economic importance of Annonaceae.
3. Categorize plants of Poaceae based on their economic importance.
4. Explain the extraction and uses of cotton fibres.
5. What are the merits and demerits of Bentham and Hooker's system of classification?
6. Correlate the characters of the sub-families of Leguminosae.
7. Sketch the various types of inflorescence in Euphorbiaceae.
8. Differentiate the harvesting method of coffee and tea.

Section C

Answer any **THREE** questions ($3 \times 10 = 30$ Marks)

9. Explain taxonomic hierarchy.
10. Write the various systems of classification with their description.
11. Distinguish the characters of Asclepiadaceae and Apocynaceae.
12. Illustrate the characters and economic importance of Amaranthaceae.
13. Assess the cultivation, harvesting and extraction of sugar from sugarcane.
