

**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. END SEMESTER EXAMINATIONS NOVEMBER-2022**

**SEMESTER - V**

**20UPBCT5010 - Taxonomy and Economic Botany**

**Total Duration : 2 Hrs 30 Mins.**

**Total Marks : 60**

**Section A**

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

1. Describe the principles of binomial nomenclature.
2. Illustrate and describe the Floral characters of Annonaceae.
3. Explain the diagnostic characters of Poaceae with diagrams.
4. Write the botanical name, family and useful parts for the following products  
(i) Sugar (ii) Coffee and (iii) Rubber
5. Explain the 24 classes of Linnaeus system of classification.
6. How will you identify a species belonging to the families?  
(i) Rutaceae (ii) Asclepiadaceae (iii) Asteraceae
7. Discuss the characters of Euphorbiaceae with neat diagrams.
8. Explain the process of latex extraction and list three economic uses.

**Section B**

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

9. Interpret the Herbarium process. List any three National and International Herbaria.
10. Explain elaborately on Bentham and Hooker system of classification.  
List the merits and demerits.
11. Enlist the difference between Annonaceae and Cucurbitaceae.
12. Explain in detail about the Orchidaceae family with neat sketches, floral formula and floral diagrams.
13. Appraise the harvesting and preparation of Beverages.

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