

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.

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

SEMESTER - I

24PPBET1A01 - Pharmacognosy

Total Duration : 2 Hrs. 30 Mins.

Total Marks : 60

Section B

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

1. Explain the historical background of pharmacognosy and its evolution as a scientific discipline.
2. Illustrate the importance of proper storage and packaging of crude drugs.
3. Classify the properties of alkaloids.
4. Explain the therapeutic benefits of Digitalis as a cardiotonic.
5. Describe the role of Gymnemasylvestre in the management of diabetes.
6. Compute the process of garbling and packing of crude drugs and its impact on quality control.
7. Explain the role of AYUSH in promoting traditional medicine in India.
8. Ascertain the different methods used for the evaluation of crude drugs.

Section C

I - Answer any **TWO** questions ($2 \times 10 = 20$ Marks)

9. Describe the traditional systems of medicine: Homeopathy, Siddha, Ayurveda, and Unani.
10. Classify the adulteration of crude drugs, and how can it affect their therapeutic efficacy.
11. Justify the chemical nature and therapeutic uses of alkaloids, highlighting their pharmacological activities.
12. Assess the antimalarial properties of Cinchona officinalis and its application in modern medicine.

II - Compulsory question ($1 \times 10 = 10$ Marks)

13. Apply the therapeutic effects of Withania somnifera and its application in nervous system disorders.
