

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.Chemistry - END SEMESTER EXAMINATIONS - APRIL 2025

SEMESTER - V

**24UCHET5A01 - Pharmaceutical Chemistry**

Total Duration : 2 Hrs.30 Mins.

Total Marks : 60

**Section B**

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

1. Explain the types of epilepsy and how does the epilepsy surgery process work at UPMC in a nervous system.
2. Describe any two Indian medicinal plants and its uses.
3. Classify the structure and physiological function of hormones.
4. Explain in detail about drug development and structural effects on drug action.
5. Illustrate the analgesics and its risk factors of analgesics.
6. Predicts the antibiotic structure activity and relationship of penicillin and streptomycin.
7. Explain in detail about blood grouping composition and the effects of Rh factors.
8. Examine the Ocular delivery system and their application.

**Section C**

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

9. Explain the symptoms, treatment and prevention of Air borne disease in the following A) Influenza B) Tuberculosis
10. Classify the Anaesthetics and its applications.
11. Determine the Cardiovascular drugs and its properties.
12. Explain in detail about the different types of the blood sugar disorder.
13. Evaluate the Modern rational approach to drug design development.

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