

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 NOVEMBER -2023

SEMESTER - V

20UCHET5001 - Pharmaceutical Chemistry II

Total Duration : 2 Hrs 30 Mins.

Total Marks : 60

Section B

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

1. Write notes on pharmacophore, pharmacopeia and pharmacokinetics.
2. Explain the causes and symptoms of malaria.
3. Predict how sulpha drugs act as antibacterials.
4. Explain narcotic and non-narcotic analgesics with suitable examples.
5. List the differences between antiseptics and disinfectants.
6. Classify the types of anesthetics with suitable examples and mention their importance.
7. Explain the structure and functions of insulin.
8. Write a note on composition and grouping of blood.

Section C

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

9. Explain the causes, symptoms and treatment of jaundice and asthma.
10. Relate how Indian plants are used as medicine.
11. Justify the role of paracetamol and ibuprofen as antipyretic analgesics.
12. Explain the uses and disadvantages of thiopental sodium, nitrous oxide, ether and methohexitone.
13. Explain the following:
 - a) Causes and remedies of hypertension and hypotension.
 - b) Lipid Profile.
