

**Second Year BPT Degree Regular/Supplementary Examinations
January 2025**

**Pharmacology
(2016 Scheme)**

Time: 3 hrs

Max marks: 80

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essays

(2x15=30)

1. Classify the drugs used in bronchial Asthma. Discuss about at least one example for each class. Mention the importance of anti-inflammatory drugs in bronchial asthma with examples. (6+6+3)
2. Classify anti hyper lipidemic drugs and write briefly about HMG CoA reductase enzyme inhibitors with adverse effects. (9+6)

Short Essays

(2x10=20)

3. Write the therapeutic uses and ADR (Adverse Drug Reactions) of opioid analgesics. (5+5)
4. Explain briefly about renal and nonrenal drug excretions in human. (5+5)

Short Answers

(10x3=30)

5. Importance of plasma protein binding of drugs.
6. Explain mood stabilizers with examples.
7. Compare and contrast Benzodiazepines and Barbiturates.
8. Mention Macrolide antibiotics with their uses .
9. Therapeutic uses and Adverse drug effects of Beta blockers.
10. Antidiarrheal agents.
11. Post coital pills.
12. Actions of calcium in the body.
13. Explain the phonophoresis and its advantages.
14. Drug induced Parkinsonism.
