

Q.P. Code: 223014

Reg. No.:.....

Second Year BPT Degree Regular/Supplementary Examinations

November 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 non-steroidal anti-inflammatory drugs (NSAIDs) with examples. Explain the mechanism of action, uses and adverse effects of NSAIDs (8+1+3+3)
2. Explain the pharmacological basis for using Angiotensin Converting Enzyme (ACE) inhibitors in hypertension and list their adverse effects. List four other classes of Anti-hypertensive drugs with examples for each class. Enumerate the uses and adverse effects of any one of the classes listed (3+3+4+3+2)

Short Essays

(2x10=20)

3. Discuss the factors modifying drug effects with examples
4. Discuss the drugs of abuse in sports

Short Answers

(10x3=30)

5. Compare and contrast depolarizing and non-depolarizing skeletal muscle relaxants
6. Therapeutic uses of glucocorticoids
7. Therapeutic uses of Adrenaline
8. Ketamine
9. Mention Proton pump inhibitors with their uses
10. Explain the pharmacologic basis for use of Methotrexate in rheumatoid arthritis
11. Therapeutic uses and adverse drug effects of anti-platelet drugs
12. General toxicities of anti-cancer drugs
13. Explain Iontophoresis and its advantages
14. Adverse effects of aminoglycoside group of antibiotics
