

**Second Year BPT Degree Regular/Supplementary Examinations
February 2023**

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). Describe the mechanism of action, pharmacological actions, uses and adverse effects of aspirin. (4+2+4+3+2)
2. Classify drugs used in angina pectoris with examples for each group. Describe the pharmacological actions, therapeutic uses and adverse effects of any one group of drugs. (6+3+3+3)

Short Essays

(2x10=20)

3. Classify the drugs used in peptic ulcer. Mention the mechanisms of action and therapeutic uses of omeprazole. (4+2+4)
4. Classify Inhalational glucocorticoids with examples. Explain their mechanism of action and uses. (4+2+4)

Short Answers

(10x3=30)

5. Advantages and disadvantages of sublingual route of drug administration
6. Mention three atropine substitutes with one use of each.
7. Enumerate 3 drugs used for treatment of rheumatoid arthritis.
8. Mechanism of action and uses of ciprofloxacin
9. Dose of prednisolone is gradually tapered before it is discontinued. Why.
10. Name 2 drugs used in the treatment of epilepsy and explain mechanism of action of any one.
11. Examples, uses and adverse effects of β_2 agonists
12. Newer insulins and their advantages.
13. Examples of Statins and their mechanism of action.
14. Uses and adverse effects of succinylcholine
