

QP CODE: 204326

Reg. No:

**Second Year Pharm D Degree Regular/Supplementary Examinations
December 2023**

Pharmacology - I

Time: 3 Hours

Total Marks: 70

- *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

(3x10=30)

1. Classify adrenergic blockers with suitable example. Explain membrane stabilizing activity of beta blockers.
2. Classify opioid analgesics with example. State the CNS action of morphine and its therapeutic uses
3. Classify oral hypoglycemic agents with examples. Write on DPP4 inhibitors.

Short notes

(8x5=40)

4. Explain biotransformation. State phase 2 reactions with example.
5. Differentiate acute and sub-acute toxicity studies.
6. Explain cardiotonics.
7. Explain HMG Co-A reductase inhibitors.
8. What are venous vasodilators. Give example. Give its mechanism of action and therapeutic uses.
9. Explain atypical antipsychotics
10. Explain the role of adrenergic agonist as nasal decongestants
11. Classify antihistamines with example
