

QP CODE: 204326

Reg. No:

**Second Year Pharm D Degree Regular/Supplementary Examinations
October 2022**

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 anticonvulsant drugs with examples. List the adverse effects of phenytoin. Explain two drug interactions involving phenytoin.
2. Classify receptor super families with examples. Explain the signal transducer mechanisms operating in G protein coupled receptor involving cAMP.
3. Classify Antihypertensive drugs with examples. Discuss the mechanism of action of ACE inhibitors. Outline the major adverse effects of beta-blockers.

Short notes

(8x5=40)

4. Describe the different drugs which interfere with the renin- angiotensin system in maintaining the blood pressure.
5. Write the mechanism of action, adverse effects and uses of chlorpromazine.
6. Classify NSAIDs. Describe the mechanism of action of NSAIDs.
7. What is the role of cromolyn sodium in asthma. What will happen if corticosteroids therapy is stopped abruptly after prolonged use.
8. Classify the drugs used for the management of Parkinsonism. Why levo dopa is given with carbidopa.
9. Explain the mechanism of action of any two oral hypoglycemic agents.
10. Oral contraceptives.
11. Explain uses and toxic effect of glucocorticoids.
