

QP CODE: 204326

Reg. No:

**Second Year Pharm D Degree Regular/Supplementary Examinations
January 2021**

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. Define asthma. Classify anti-asthmatic drugs and explain about mast cell stabilizer.
2. Explain angina. Classify antianginal agents. Explain, in detail, the pharmacology of nitrates.
3. Define epilepsy. Write the classification of antiepileptics. Enumerate phenytoin with mechanism of action, adverse effects and pharmacological action.

Short notes

(8x5=40)

4. Explain the stages of general anaesthesia.
5. Explain HMG-CoA reductase inhibitors.
6. Describe the various routes of drug administration.
7. Explain the synthesis, storage and metabolism of 5-Hydroxytryptamine
8. Explain oral contraceptives
9. Explain the reason for the combination of carbidopa and levodopa.
10. Pre-clinical evaluations of new drugs.
11. Explain the mechanism of action and adverse effects of diazepam
