

QP CODE: 204326

Reg. No:

**Second Year Pharm D Degree Regular/Supplementary Examinations
November 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. Classify anti-depressants. Write the mechanism of action, pharmacological actions and therapeutic uses of tricyclic anti-depressants.
2. Classify drugs used in congestive cardiac failure. Explain the mechanism of action, pharmacological actions and adverse effects of digoxin.
3. Classify oral hypoglycemic agents. Discuss the mechanism, pharmacological actions and side effects of sulfonylureas.

Short notes

(8x5=40)

4. Explain myasthenia gravis. Mention the drugs used for the treatment of Myasthenia Gravis.
5. Explain nasal decongestants.
6. Classify receptors and add a note on G Protein coupled receptors.
7. Discuss the pharmacology of drugs used in the treatment of hyperthyroidism.
8. Explain the adverse effects, pharmacological action and uses of angiotensin converting enzyme inhibitors.
9. Explain drug interactions
10. Explain the pharmacological actions of COX-2 inhibitors
11. Define sedative and hypnotics. Write the mechanism of action of barbiturates.
