

QP CODE: 112328

Reg. No:.....

**First Semester M.Pharm Degree Regular/Supplementary Examinations
March 2020**

M.Pharm (Pharmacology)

Paper II – Advanced Pharmacology I (MPL 102T)

(Common for 2017 and 2019 Scheme)

Time: 3 Hours

Total Marks: 75

- *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 and classify cholinomimetics. Explain the pharmacology of acetylcholine
2. What is schizophrenia. Classify antipsychotics with examples. Explain the pharmacology of chlorpromazine
3. What are anti-arrhythmics. Classify them with examples. Describe the pharmacology of quinidine

Short Notes

(9x5=45)

4. Define drug absorption. Explain the factors influencing the absorption of drug
5. Add a note on serotonin blockers
6. Distinguish opioid and non-opioid analgesics. Explain the pharmacology of morphine
7. Classify drugs used in hypertension and explain pharmacology of calcium channel blockers
8. What are adrenergics. Describe the pharmacology of propranolol
9. Anti-platelet drugs
10. Explain the significance of co transmission
11. Explain the physiological role of prostaglandins
12. Define receptors. Explain drug receptors interaction and elicited effects
