

QP CODE: 211328

Reg. No:.....

**Second Semester M. Pharm Degree Supplementary Examinations
September 2022
M.Pharm (Pharmacology)**

Paper I: Advanced Pharmacology II (MPL201T)

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. Explain the mechanism of action, pharmacological actions, adverse drug reactions and uses of corticosteroids
2. Classify antiulcer drugs. Explain pharmacology of proton pump inhibitors
3. Discuss the molecular and cellular mechanism of action of thyroid hormones. Explain the synthesis of thyroid hormone and write the metabolic action in human body

Short Notes

(9x5=45)

4. Explain the cellular mechanism of Methotrexate in cancer treatment
5. Classify Antifungal drugs and write the uses and adverse drug reactions of Ketoconazole
6. Reactive oxygen species and its effects
7. Define chronotherapy and write its advantages
8. What are prokinetic drugs. Write the mechanism of action of cisapride
9. Recent advances in treatment of Parkinson's disease
10. Immuno-suppressants
11. Write the mechanism of action and uses of Aminoglycosides
12. Classify the Anti-tuberculosis drugs and write the adverse drug reactions of isoniazid
