

QP CODE: 112328

Reg. No:.....

**First Semester M.Pharm Degree Regular/Supplementary Examinations
November 2021
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. Classify anti arrhythmic drugs. Discuss the pharmacology of class I anti arrhythmic drugs
2. With neat diagram explain signal transduction mechanisms through tyrosine kinase receptors
3. Discuss the adrenergic neurohumoral transmission

Short Notes

(9x5=45)

4. Explain the mechanism of action and adverse effects of barbiturates
5. Describe briefly about G-protein coupled receptors
6. Discuss the role of nitrates in the management of angina pectoris
7. Explain the pharmacological actions of diuretics
8. Discuss the role of serotonin and its antagonists in the treatment of migraine
9. Discuss the pharmacology of prostaglandins analogue.
10. Define general anesthesia explain about various stages of anesthesia
11. Define Haematinics explain the mechanism of action of erythropoietin
12. Explain the pharmacological actions of anticoagulants
