

QP CODE: 112328

Reg. No:.....

First Semester M.pharm Degree Examinations April 2018

M.Pharm (Pharmacology)

Paper II – Advanced Pharmacology (MPL 102T)

Time: 3 Hours

Total Marks: 75

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essays

(3x10=30)

1. Classify receptors and explain their structure and signal transduction mechanism
2. Classify diuretics and explain their mechanisms of action, adverse effects and therapeutic uses
3. Explain the pathophysiological role of histamine. Classify antihistamines and mention their adverse effects and therapeutic uses

Short Notes

(9x5=45)

4. Define bioavailability. Explain the various factors affecting drug absorption
5. Classify cholinergic agonists and mention their pharmacological actions and therapeutic uses
6. Classify NSAIDS. Mention their mechanism of action, adverse effects and therapeutic uses
7. Local anesthetics
8. Antipsychotic agents
9. Classify antihypertensive agents. Describe the mechanism of action and adverse effects of any two class
10. Drugs acting on 5-HT system
11. Therapeutic agents which act by modulating renin angiotensin system
12. Classify anticoagulants drugs. Describe the mechanism of action and adverse effects of heparin
