

First Semester M.pharm Degree Examinations March 2019

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. Explain in detail about G-protein coupled receptors.
2. Explain in detail about synthesis, release and fate of the neuro transmitters nor-adrenaline and acetylcholine.
3. Define and classify autocoids. Discuss the pharmacology and therapeutic uses of prostaglandins

Short Notes

(9x5=45)

4. Pharmacology of morphine.
5. Various iron preparations
6. Loop and thiazide diuretics
7. Benzodiazepines
8. Mechanism of action of local anesthetics.
9. Differentiate D-tubocurarine from succinylcholine
10. Various absorption process
11. List various classes of mood elevators focusing on their mechanisms of action and adverse effects.
12. Organophosphorous compound poisoning and its treatment
