

QP CODE: 211328

Reg. No:.....

Second Semester M.Pharm Degree Examinations July 2019

M.Pharm (Pharmacology)

Paper I: Advanced Pharmacology II (MPL201T)

(2017 Scheme)

Time: 3 Hours

Total Marks: 75

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essays

(3x10=30)

1. Discuss the molecular mechanism involved in the synthesis of thyroid hormone and explain the metabolic actions in human body.
2. Explain the reactive oxygen species and explain the treatment in Alzheimer's diseases.
3. How do cancer cell differ from normal cell. Write molecular mechanism and pharmacological actions of nitrogen mustards

Short Notes

(9x5=45)

4. Immunostimulants and immunosuppressants
5. Explain the biochemical mediators in the inflammation process and a note on COX-2 inhibitors.
6. Discuss the molecular mechanism and pharmacological actions of parathormone.
7. Explain the pharmacological action of synthetic progestins used as oral contraceptives.
8. Discuss the molecular mechanism and pharmacological actions of drugs which reduces insulin resistance.
9. Mechanism of gastric acid secretion and use of ranitidine in peptic ulcer.
10. Explain the molecular mechanism of circadian rhythm in the pathogenesis of CVS disease.
11. The mechanism of action, adverse reaction and therapeutic uses of griseofulvin.
12. Explain the mechanism and therapeutic uses of rifampicin
