

QP Code: 106328

Reg No:

First Year M.Pharm Degree Examinations– September 2014

(2011 Scheme)

(Pharmacology)

Paper II – Biochemical and Molecular Pharmacology

Time: 3 hrs

Maximum Marks: 100

- *Answer all questions*
- *Draw diagrams wherever necessary*

Essays:

(2x20 =40)

1. Explain in detail the recent methods and treatment modes of genetic disorders
2. Explain the pharmacological and therapeutic applications of cytokines and chemokines

Short Essays:

(6x10=60)

3. Discuss about arachidonic acid metabolites and their role in inflammation
4. Describe: • Applications of recombinant DNA technology • Therapeutic strength of immune toxins
5. Explain: •ATP binding cassette • Pathophysiology, manifestations and symptoms pf Diabetes mellitus
6. Explain on chronopharmacology and discuss about the influence of genetic factors on drug action
7. Discuss about the transcription of DNA and RNA
8. Explain briefly : • Southern blotting • EDRF
