

QP Code: 107328

Reg No:

First Year M.Pharm Degree Supplementary Examinations– March 2014

(2011 Scheme)

(Pharmacology)

Paper III – Recent Advances in Pharmacology

Time: 3 hrs

Maximum Marks: 100

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

Essays:

(2x20 =40)

1. Explain the basic concepts and clinical application of gene therapy. Add a note on aptamer and ribozyme therapy
2. Discuss the drug receptor interactions and drug antagonism. Add a note on pharmacology of adrenergic receptor antagonists

Short Essays:

(6x10=60)

3. Explain kinin receptors and purino receptors
4. Explain the details about structure and functions of antibodies and its confirmation
5. Explain about the role of free radicals in etiology of various diseases
6. Discuss about • Immunosuppressants • Specific and non specific immunity
7. Explain: • G proteins in cellular signaling system • Rational drug use
8. Explain : • AMP activated protein kinases • Phosphodiesterases
