

QP Code: 102331

Reg No:

First Year M.Pharm Degree Examinations (Supplementary)- November 2012
(Pharmaceutical Chemistry)

Paper II-Advanced Medicinal Chemistry

Time: 3 hrs

Maximum Marks: 100

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

Essays:

(2x20 =40)

1. Classify CNS depressants in detail based on their mechanism of action. Outline the synthesis of any two such drugs.
2. Discuss in detail the immunosuppressants and the immunostimulants with suitable examples.

Short Essays:

(6x10=60)

3. What are lipid lowering agents. Outline the mechanism of action of bile acid sequestrants and HMG CoA reductase inhibitors .
4. What are H1receptor antagonists. Outline the synthesis and specific use of any two drugs
5. Describe the term steroidal anti-inflammatory agents with relevant examples . Discuss their advantages and limitations.
6. Explain briefly about synthetic cholinergic blocking agents and outline the synthesis of dicyclomine.
7. What are prostaglandins . Explain the design of eicosanoid drugs..
8. Describe the term gastrointestinal agents and explain the mode of action of omeperazole
