

PHARMACOLOGY

PAPER I

Time Allowed: Three Hours

Maximum Marks: 40

Instructions: Attempt all questions in serial order. All parts of a question should be answered together. Figures in parenthesis indicate marks allotted to a question.

1. Discuss the pharmacotherapy of bipolar disorder. (5)
2. Discuss the pharmacotherapy of Open angle glaucoma. (5)
3. Enumerate ACE inhibitors. Discuss pharmacological actions, adverse effects and therapeutic uses of captopril. (5)
4. Enumerate different Insulin preparations and discuss treatment of diabetic ketoacidosis. (5)
5. Classify Non-steroidal Anti-inflammatory Agents (NSAIDs). Write the mechanism of action, uses and adverse effects of Aspirin. (5)
6. Classify Penicillins. Write the mechanism of action, uses, mechanism of resistance and adverse effects of Amoxicillin. (5)
7. Discuss the role of corticosteroids in treatment of bronchial asthma. (5)
8. Discuss briefly G-Protein coupled receptors. (5)

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