

M.B.B.S. [2nd Prof.]

BF/2009/05

Pharmacology - A

M.M. : 40

Time : 3 Hours

Note : Attempt all questions.

USE SEPARATE ANSWER SHEET FOR EACH PART.

PART - I

1. Discuss biotransformation of drugs. [6]

2. **Write short notes on:**
 - a. I.V. general anaesthetics. [2]
 - b. Non opioid antitussive drugs. [2]
 - c. H₂ receptor blockers. [2]

3. **Describe the pharmacological basis of the use of the following drugs with important adverse effects:**
 - a. Atenolol in Hypertension. [2]
 - b. Pralidoxime in Organophosphorus poisoning. [2]
 - c. COMT inhibitors in Parkinson's disease. [2]
 - d. Sodium Valproate in Seizures. [2]

PART - II

4. Classify nonsteroidal anti-inflammatory, analgesics and antipyretic drugs. Describe their important therapeutic uses and adverse effects. [6]

5. **Write an account of:**
 - a. Dantrolene Sod. [2]
 - b. Desferrioxamine. [2]
 - c. Leukotriene receptor antagonists. [2]
 - d. Prazosin. [2]

6. **Write short notes on the followings:**
 - a. Ondansetron. [2]
 - b. Atypical antipsychotics. [2]
 - c. Plasma half life. [2]
