

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

BF/20 1 4/05

Pharmacology -**m.m.:** 40

Time : 3 Hours

Note : Attempt all questions.

USE SEPARATE ANSWER SHEET FOR EACH PART.**PART - I**

1. What is drug antagonism? Explain with suitable examples, various types of drug antagonism. [6]
2. **Briefly discuss the following:-**
 - a. Balance anesthesia. [2]
 - b. Salbutamol. [2]
 - c. Pathological factors modifying the effects of a drug. [2]
3. **Discuss the significance of:-**
 - a. Allopurinol in tophaceous gout. [2]
 - b. d-Penicillamine in Wilson's disease. [2]
 - c. Sodium valproate in absence seizures. [2]
 - d. Dose dependent effects of dopamine. [2]

PART - II

4. Classify cholinergic drugs. Discuss the mechanism of action, therapeutic indications and adverse effects of Pilocarpine. [6]
5. **Explain why:-**
 - a. Adrenaline is combined with lignocaine in tooth-extraction. [2]
 - b. Anticholinergic agents in drug induced Parkinsonism. [2]
 - c. **a** - blocker in peripheral vascular disease. [2]
 - d. Stool softeners in constipation. [2]
6. Discuss **the pharmacotherapy of:-**
 - a. Pheochromocytoma. [2]
 - b. Organophosphorus poisoning. [2]
 - c. H-Pylori infection. [2]

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