

**M.B.B.S.- II Professional Examination 2003
Pharmacology and Therapeutics- I**

Max. Marks- 4

Time-3.00 Hours

Instructions: Attempt all questions. Write the answers of all the parts of a question at one place only.

Q 1. Briefly discuss the cardiac and non -cardiac uses, side effects and contraindications of beta blockers. (ANS) 8 marks

Q 2. Write briefly on :

- Half life of a drug ✓
 - Drug Protein binding and its clinical significance ✓
 - Teratogenic potential of drug
- 2 x 3 marks

Q 3. What is the rational for the use of :

- Vasodilators in the treatment of congestive heart failure
 - Low doses of aspirin in the management of myocardial infarction
- 3x2 marks

Q 4 . Write the rational for the drug therapy of

- Myasthenia gravis
 - Malathion poisoning
- 3x2 marks

Q 5. Discuss the pharmacological basis of the drugs used in Parkinsonism. Write the side effects and limitations of currently used drugs. 8 marks

Q 6. Write short notes on any *THREE* of the followings :

- Status of anti-inflammatory agents in bronchial asthma
 - Potassium sparing diuretics
 - Rationality of drug formulations of cough preparations
 - Pharmacological basis for the use of ADH in diabetes insipidus.
- 2x3 marks

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MBBS. 2nd Professional Examination (2003)

Time: 3 hrs.

M.M 40.

PHARMACOLOGY & THERAPEUTICS-II

Instruction: Attempt all questions. Write the answers of all the parts of the question at one place only.

- Q.1 MCQ's Separate Sheet attached. - 10 marks
- Q.2 List the drugs used in the treatment of tuberculosis. What is short term chemotherapy. Write its advantages and disadvantages. - 06 marks
- Q.3 Write the drug therapy of - 3X2 marks
- a) Chloroquine resistant *P. falciparum* malaria
 - b) Typhoid fever
- Q.4 List the drug used in the treatment of Diabetes Mellitus. Write the mechanism of action and adverse effects of sulfonylureas. - 06 marks
- Q.5 Write the pharmacological basis for the use of
- a) Cholecalciferol in osteomalacia ✓
 - b) Omeprazole in peptic ulcer - 3X2 marks
- Q.6 Write short notes on: - 2X3 marks
- a) Non-sedative anti-histaminic agents ✓
 - b) Low molecular weight heparin ✓
 - c) Vitamin -E

P.T.O.