

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[PHARMD 0424]

APRIL 2024

Sub. Code: 3810

**PHARM. 'D' DEGREE EXAMINATION
SECOND YEAR (2009-2010 Regulation)
PAPER IV – PHARMACOLOGY – I**

Q.P. Code: 383810

Time: Three hours

Answer ALL Questions

Maximum: 70 Marks

I. Elaborate on:

(4 x 10 = 40)

1. a) Classify Anti-Histaminergic agents.
b) Write the mechanism of action, Pharmacological actions and Therapeutic uses and adverse effects of First generation Anit-Histaminergic agents.
2. a) Classify antipsychotic agents.
b) Describe the mechanism of action, therapeutic uses and adverse effects of chlorpromazine.
3. a) Classify Anti-Parkinsonian agents.
b) Explain the mechanism of action and pharmacological actions of Levodopa.
c) Write the advantages of Levodopa and carbidopa combination.
4. a) Classify anti-asthmatic agents.
b) Write the mechanism of action, therapeutic uses and adverse effects Bronchodilators.

II. Write notes on:

(6 x 5 = 30)

1. Explain the different stages of general anaesthesia.
2. Elaborate on synthesis, storage and metabolism of 5-Hydroxytryptamine.
3. Discuss the mechanism of action, therapeutic uses and adverse effects of Propranolol.
4. Classify the drugs used in treatment of hyperthyroidism and write a note on Propylthio uracil.
5. Classify anti-arrhythmic drugs and mention the adverse effects of amiodarone.
6. Discuss the mechanism of action and therapeutic uses of Diazepam.
