

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

[PHARMD 1122]

**NOVEMBER 2022
(OCTOBER 2022 EXAM SESSION)**

Sub. Code: 3810

**PHARM. 'D' DEGREE EXAMINATION
SECOND YEAR (2009-2010 Regulation)
PAPER IV – PHARMACOLOGY - I
*Q.P. Code : 383810***

Time : Three hours

Maximum : 70 Marks

I. Elaborate on:

(4 x 10 = 40)

1. Write on the various modes of transport of drugs across biological membranes with special emphasis on active transport in detail.
2. Classify Anticholinesterases, describe their mechanism of action and therapeutic uses.
3. a) Classify antihistamines.
b) Write the pharmacological actions, adverse effects and therapeutic uses of Antihistamines.
4. Describe the mechanism of action, pharmacological actions, therapeutic uses and adverse effect of digoxin.

II. Write notes on:

(6 x 5 = 30)

1. Write the rationale for the combination of carbidopa and levodopa.
2. Classify anti-hypertensive drugs.
3. Write a note on local anaesthetics and their uses.
4. Mechanism of action, therapeutic uses and adverse effects of Propranolol.
5. Define cough and write briefly on drugs used in cough.
6. Oral contraceptives.
