

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

[PHARMD 1023]

OCTOBER 2023

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. Classify local anaesthetics. Discuss the Pharmacology and uses of lignocaine.
2. a) Classify Anti-anginal drugs.
b) Write the Mechanism of action, Pharmacological actions and Therapeutic uses of Nitrates.
3. a) Classify adrenergic drugs.
b) Write the pharmacological actions and therapeutic uses of adrenaline.
4. a) Brief on the steps involved in the synthesis of thyroid hormones.
b) Classify thyroid inhibitors and write the therapeutic uses of them.

II. Write notes on:

(6 x 5 = 30)

1. What are nasal decongestants? Classify them with examples.
2. Classify bronchodilators and add a note on allergens.
3. Define and classify receptors and add a note on G Protein coupled receptors.
4. Write the adverse effects, and uses of angiotensin converting enzyme inhibitors.
5. Write on Insulin analogues and their Pharmacological action and uses.
6. What is vasomotor reversal of Dale?
