

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

[LP 810]

OCTOBER 2019

Sub. Code: 3810

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

Q.P. Code: 383810

Time : Three hours

Maximum : 70 Marks

I. Elaborate on:

(4 x 10 = 40)

1. Classify cholinergic agonists. Explain, in detail, the pharmacology of cholinesters.
2. Define Asthma. Classify anti-asthmatic drugs and explain about Mast cell stabilizer.
3. What is angina? Classify antianginal agents. Explain, in detail, the pharmacology of nitrates.
4. Classify the drugs used in the treatment of various types of epilepsy according to their mechanism of action. Explain the pharmacological actions and adverse effects of phenytoin.

II. Write notes on:

(6 x 5 = 30)

1. Explain the various stages of general anaesthesia with a neat illustration.
2. What are the various types of insulin? List out the various marketed preparations of insulin.
3. Describe the structure, release, mechanism of action, physiological role and therapeutic uses of oxytocin.
4. Describe the mechanism of action and physiological role of oestrogens.
5. Classify histamine 2 receptor antagonists. List their therapeutic uses and adverse effects.
6. Define local anaesthesia and give examples. Explain the mechanism of action of local anaesthetics.
