

[LI 810] APRIL 2016 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 : $(4 \times 10 = 40)$

1. a) Classify Anti-anginal drugs.

- b) Write the Mechanism of action, Pharmacological actions and Therapeutic uses of Nitrates.
- 2. a) Classify Anti-depressants.
 - b) Write the Mechanism of action, Pharmacological actions and therapeutic uses of Tricyclic Anti-depressants.
- 3. Write the Biosynthesis, actions and Pathophysiological roles of Prostaglandins, Thromboxanes and Prostacyclin.
- 4. Classify Anticholinesterases, describe their mechanism of action and therapeutic uses.

II. Write notes on: $(6 \times 5 = 30)$

- 1. Write a note on Bronchodilators.
- 2. What are the factors influencing Drug Absorption.
- 3. Describe the manifestations and treatment of Atropine poisoning.
- 4. Classify and write the therapeutic uses of Antihistamines.
- 5. Explain the mechanism of action and therapeutic uses of Non-steroidal Anti-inflammatory agents.
- 6. Write on CNS stimulants and cognition enhancers.
