

[LC 810]

APRIL 2013

Sub. Code: 3810

DOCTOR OF PHARMACY (PHARM. D) DEGREE EXAMINATION
(2009-2010 Regulation)

SECOND YEAR

PAPER IV – PHARMACOLOGY – I

Q.P. Code: 383810

Time: Three Hours

Maximum: 100 marks

Answer All questions

I. Elaborate on:

(2 x 20 = 40)

1. a) Classify adrenergic drugs.
Discuss about adrenergic receptors types and its locations.
- b) Explain the pharmacological actions and therapeutic uses of catecholamine.
2. a) Classify sedative and hypnotics and write the mechanism of barbiturates.
- b) Explain the pharmacological actions, adverse effects and therapeutic uses of barbiturates.

II. Write notes on:

(10 x 6 = 60)

1. Classify β -adrenergic blocking agents and pharmacological action of propranolol.
2. Briefly discuss about the stages of general anaesthesia.
3. Write notes on microsomal enzyme induction.
4. Classify non-steroidal anti-inflammatory drugs.
5. Write the mode of action of digitalis.
6. What is angine pectoris and discuss briefly its type.
7. Classify anti-anxiety drugs.
8. Define epilepsy and write the mode of action of phenytoin.
9. Classify anti-cholinestrase and write its mechanism of action.
10. Write the reason for the combination of carbidopa and levodopa.
