

[LG 810]

APRIL 2015

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: 70 marks

Answer All questions

I. Elaborate on:

(4 x 10 = 40)

1. a) Classify drugs in Parkinson's disease.
b) Write the pharmacological actions of L-dopa on CNS.
c) Write the adverse effects of L-dopa at the initiation of therapy and after prolonged therapy.
2. Write with examples, biotransformation reactions involving microsomal and non-microsomal enzymes.
3. a) Classify antihistamines.
b) Write the pharmacological actions, adverse effects and therapeutic uses.
4. a) Brief on the steps involved in the synthesis of thyroid hormones.
b) Classify thyroid inhibitors and write its therapeutic uses.

II. Write notes on:

(6 x 5 = 30)

1. Write on different routes of drug administration.
2. Classify anti-hypertensive drugs.
3. Briefly discuss the therapeutic applications of local anesthetics.
4. Write the pharmacological actions and therapeutic uses of oxytocin.
5. What is vasomotor reversal of Dale?
6. Compare and contrast barbiturates and benzodiazepines.
