

[LH 813]

OCTOBER 2015

Sub. Code: 3813

PHARM. D DEGREE EXAMINATION
(2009-2010 Regulation)
THIRD YEAR
PAPER I – PHARMACOLOGY – II
Q.P. Code : 383813

Time : Three hours

Maximum : 70 marks

I. Elaborate on :

(4 x 10 = 40)

1. Explain gene transcription and various factors that regulate transcription.
2. Define cancer. Classify the anticancer drugs with example, write the Mechanism and therapeutic uses of antimetabolite.
3. Classify the immunosuppressant. Write the mechanism of action, adverse drug reaction, and therapeutic uses of mycophenolate mofetil.
4. Define diuretics. Classify the diuretic according to their site of action and brief the loop diuretics.

II. Write notes on:

(6 x 5 = 30)

1. Explain various mechanism of development of bacterial resistance to antibiotics.
2. Classify the anti TB Drugs. Write the treatment of TB as per DOTS.
3. Mutation.
4. Write note on Anticoagulants.
5. Define antidiuretic. Write receptor and clinical uses of vasopressin.
6. Brief the Nucleotide Reverse Transcriptase inhibitors.
