

[LM 813]

MAY 2018

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. Classify Anti-cancer drugs with suitable example. Write the mechanism and therapeutic uses of alkylating agents.
2. Explain the mechanism of action, spectrum of activity, therapeutic uses and adverse reaction of: a) Sulfamethoxazole b) Ciprofloxacin.
3. Discuss recombinant DNA technology and its pharmaceutical applications with examples.
4. What is RNA processing and write about Gene sequencing?

II. Write notes on:**(6 x 5 = 30)**

1. Acute toxicity studies.
2. Anti-amoebic drugs.
3. Potassium sparing diuretics.
4. Mechanism of action and drug interaction involving warfarin.
5. Biosensors.
6. MAP kinase pathway.
