

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[LP 813]

OCTOBER 2019

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. Explain about Alkylating agents.
2. Write the mechanism of action, spectrum of action, adverse effects and therapeutic use of Ciprofloxacin.
3. Discuss the recombinant DNA technology and its pharmaceutical applications.
4. What is Cell Signaling? Explain any two kinase signal transduction pathway.

II. Write notes on:

(6 x 5 = 30)

1. Write a note on potassium sparing diuretics.
2. Write a note on anti amoebic drugs.
3. State the mechanism of action and advantage of low molecular heparin.
4. Write a note on haematinics.
5. Write the MOA of Dapsone and its therapeutic effects.
6. MAP kinase pathway.
