

[LG 813]

APRIL 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. What is recombinant technology? Explain the principle, gene transfer technology and applications of the same.
2. Classify anticoagulants with examples and explain the pharmacology of heparin.
3. Classify anti-microbial agents with suitable examples and mechanism action of tetracycline antibiotics.
4. Explain the pharmacology of furosemide.

II. Write notes on :

(6 x 5 = 30)

1. Janus kinase pathway
2. Gene therapy targets
3. Write the therapeutic uses of ciprofloxacin
4. Explain the importance of preclinical toxicity studies
5. Write a note on co-trimoxazole
6. Write a note on anti amoebic drugs
