

[LD 342]

OCTOBER 2013
M.PHARM. DEGREE EXAMS
FIRST YEAR
BRANCH I – PHARMACEUTICS
PAPER III – BIOPHARMACEUTICS AND PHARMACOKINETICS
Q.P. Code : 262903

Sub. Code: 2903

Time : 3 hours

Maximum : 100 marks

I. Elaborate on :

(2x20=40)

1. Describe the mechanism of drug absorption and Biological factors influencing drug absorption.
2. What is clinical Pharmacokinetics? Write a detailed account on individualization of dosage regimen

II. Write notes on :

(10x6=60)

1. Kinetics of protein drug binding
2. Reductive Reactions
3. Entero Hepatic cycling
4. Factors contributing to drug interactions
5. Wagner Nelsen method
6. Bioavailability enhancement through enhancement of Solubility and Dissolution rate
7. Therapeutic Drug Monitoring
8. Drug food interactions
9. Absorption from non- oral routes
10. Michelis Menten equation
