

[LJ 827]

OCTOBER 2016

Sub. Code: 3827

PHARM. 'D' AND PHARM. 'D' (POST BACCALAUREATE)**EGREE EXAMINATION****(2009-2010 Regulation)****FIFTH YEAR****PAPER III – CLINICAL PHARMACOKINETICS & HARMACOTHERAPEUTIC
DRUG MONITORING***Q.P. Code : 383827***Time : Three hours****Maximum : 70 Marks****I. Elaborate on:****(4 x 10 = 40)**

1. Explain the pharmacokinetic changes and dose adjustment in Hepatic disease.
2. Enumerate the various methods of analyzing population pharmacokinetic data.
3. Explain the inhibition and induction of drug metabolism with example.
4. Explain the effect of Genetic Polymorphism in drug transport and drug target.

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

1. Write a note on dosing in Pediatric patient.
2. Brief about the inhibition of Biliary excretion.
3. Write the factors to be considered when designing a dosage regimen.
4. Brief about the measurement of Glomerular Filtration Rate.
5. Brief about therapeutic drug monitoring of two Cardio Vascular drugs.
6. CYP2C19.
