

[LF 827]

OCTOBER 2014

Sub. Code: 3827

PHARM. D/POST BACCALAUREATE DEGREE EXAMINATION
(2009-2010 Regulation)
FIFTH YEAR
PAPER III – CLINICAL PHARMACOKINETICS &
PHARMACOTHERAPEUTIC DRUG MONITORING

*Q.P. Code : 383827***Time : Three hours****Maximum : 70 marks****I. Elaborate on :****(4 x 10 = 40)**

1. Explain the effect of pharmacokinetics and dose adjustment in hepatic disease.
2. Enumerate the various Methods of analyzing population pharmacokinetic data.
3. What is pharmacodynamic interaction? Explain the consequences of direct pharmacodynamic interaction with examples.
4. Explain the effect of genetic polymorphism in drug transport and drug target with example.

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

1. Brief about the Inhibition of biliary excretion.
2. Write a note on dosing in obese patients.
3. Write the factors to be considered when designing dosage regimen.
4. Enumerate the dose adjustment on drug clearance.
5. Brief about therapeutic drug monitoring of seizure drugs.
6. Explain the dosing with feedback.
