

[LN 827]

OCTOBER 2018

Sub. Code: 3827

**PHARM. 'D' AND PHARM. 'D' (POST BACCALAUREATE)
EGREE 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 pharmacokinetic drug interactions with examples.
2. Genetic polymorphism in cytochrome P450 ISO enzymes.
3. Pharmacokinetic changes and dose adjustment in Hepatic disease.
4. Dose adjustment for renal failure and uremic patients.

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

1. Importance of Bayesian theory.
2. Write brief note on personalized medicine or therapy.
3. Drug dosing in paediatrics.
4. Nonlinear mixed effect model.
5. TDM of seizure drugs.
6. Dosing in obese patients.
