

[LO 827]

MAY 2019

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. Dose adjustment in renal disease.
2. Effect of genetic polymorphism in drug transport and drug target.
3. Methods of analyzing population pharmacokinetic data.
4. TDM of drugs related to cardiovascular, seizure, psychiatric and organ transplantation.

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

1. Extracorporeal removal of drugs.
2. Inhibition of biliary excretion.
3. Adaptive method for dosing.
4. Conversion of intravenous to oral dosing.
5. TDM indications.
6. Application of clinical pharmacokinetics.
