

[LL 827]

OCTOBER 2017

Sub. Code: 3827

**PHARM. 'D' AND 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. Bayes estimator and applications.
2. Dosage adjustment for uremic patients.
3. Determination of dose, dosing interval and route of administration.
4. Therapeutic drug monitoring indications and protocol.

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

1. Measurement of GFR and creatinine clearance.
2. Nonlinear mixed effect model.
3. Adverse reactions attributed to genetic difference.
4. Effect of food on drug disposition.
5. Application of clinical Pharmacokinetics.
6. Brief about extra corporeal removal of drugs.
