

[LH 827]

OCTOBER 2015

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

Answer ALL questions

I. Elaborate on :

(4 x 10 = 40)

1. Explain the determination of dose and dosing interval.
2. Enumerate the pharmacokinetic drug interactions with examples.
3. What is therapeutic drug monitoring? Add note on therapeutic drug monitoring of Psychiatric Drugs and Immunosuppressants.
4. Explain the Pharmacogenetic & Nongenetic influences on Variations in Drug Therapy.

II. Write notes on :

(6 x 5 = 30)

1. Brief about the dosage regimen based on population average.
2. Write the note on extra corporeal removal of the drug.
3. Discuss the adaptive method for dosing.
4. Brief the Genetic polymorphism in Drug Transport with example.
5. Describe the measurement of creatinine clearance.
6. Note on adverse drug reaction attributed to genetic differences.
