

[LI 827]

APRIL 2016

Sub. Code: 3827

**PHARM. 'D' AND PHARM. 'D' (POST BACCALAUREATE)**

**DEGREE EXAMINATION**

**(2009-2010 Regulation)**

**FIFTH YEAR**

**PAPER III – CLINICAL PHARMACOKINETICS & HARMACOTHERAPEUTIC  
DRUG MONITORING**

*Q.P. Code: 383827*

**Time : Three hours**

**Maximum : 70 marks**

**I. Elaborate on :**

**(4 x 10 = 40)**

1. How will you determine the renal impairment in patients and discuss the extracorporeal removal of drugs?
2. Explain the drug dosing in elderly and pediatrics patient.
3. Discuss the adaptive methods with feedback in population pharmacokinetic.
4. Explain in detail the drug dosage regimen for individual dosage.

**II. Write notes on :**

**(6 x 5 = 30)**

1. Dosing of drug in hepatic disease.
2. Effect of hepatic disease on pharmacokinetics.
3. What is TDM and its protocol?
4. Pharmacogenetics and Pharmacokinetics.
5. Write about the conversion of intravenous to oral dosing.
6. Pharmacokinetics drug interaction.

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