

[LH 361]

OCTOBER 2015

Sub. Code: 2922

**M.PHARM. DEGREE EXAMINATION
FIRST YEAR
BRANCH VII – PHARMACY PRACTICE
PAPER IV – CLINICAL PHARMACY**

Q.P. Code: 262922

Time : Three hours

Maximum : 100 marks

I. Elaborate on:

(2 x 20 = 40)

1. What is pharmaceutical care? Explain the essential component of pharmaceutical care. Discuss the role of clinical pharmacist in Pharmaceutical Care.
2. Enumerate the pharmacokinetics models and explain the determination of drug clearance and volume of distribution in one compartment open model - Intravenous administration.

II. Write notes on:

(10 x 6 = 60)

1. Discuss the stages of patient counseling.
2. Liver function test and its clinical significance.
3. Discuss the systemic approach in answering the drug queries.
4. Poison Information center organization and resources.
5. Brief about assessing causality, reporting of adverse drug reaction.
6. Write note on major intracellular electrolytes and its clinical significance.
7. Role of pharmacist in monitoring and auditing of clinical trials.
8. Calculation of loading dose.
9. Dose adjustment in paediatric patients.
10. Criteria for therapeutic drug monitoring.
