

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[LO 361]

MAY 2019

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. Describe adverse drug reaction with its classification risk factors and mechanism of adverse drug reaction with example.
2. Discuss the objectives, types and roles of clinical pharmacist ward rounds.

**II. Write notes on:**

**(10 x 6 = 60)**

1. Enumerate the steps of drug utilization and evaluation.
2. Types of pharmacokinetic models.
3. Write a note on determination of bioavailability.
4. Explain in detail about drug information resources.
5. Calculation of loading and maintenance dose.
6. Write a note on phases of clinical trial.
7. Poison management in drug dependence and drug abuse.
8. Volume of distribution and significance.
9. Discuss importance of medication history in therapeutic management of patient.
10. Dose adjustments in hepatic failure.

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