

[LG 361]

APRIL 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 therapeutic drug monitoring? Explain the indications and criteria for therapeutic drug monitoring. Discuss the individualization of drug therapy with help of therapeutic drug monitoring.
2. Define adverse drug reaction. Explain the classification, risk factors and mechanism of adverse drug reaction with examples.

II. Write notes on:

(10 x 6 = 60)

1. Discuss objectives and types of clinical pharmacist ward rounds.
2. Note on test for abnormal content of urine with clinical significance.
3. Explain the drug information resources with examples.
4. Enumerate the steps of drug utilization evaluation.
5. Write a note on total parenteral nutrition.
6. Discuss the various phases of clinical trials.
7. Enumerate the types of pharmacokinetics models.
8. Dose adjustment in renal failure patients.
9. Note on determination of bioavailability.
10. What is critical appraisal of literatures? Brief about critical appraisal of cohort studies.
