

PY - 805 (B)**B.Pharmacy VIII Semester**

Examination, December 2014

Clinical Research

(Elective-II)

*Time : Three Hours**Maximum Marks : 70*

Note: i) Solve any five questions out of the following.
ii) All questions carry equal marks.

1. Define clinical pharmacy and comment on its scope. Describe the role of a clinical pharmacist in formulation of drug prescribing guidelines. 4, 10
2. Explain with examples the use of case history in evaluation of drug therapy. Comment on case history formats. 8, 6
3. Describe in detail the process of detection, assessment and documentation of adverse drug reactions. Add a note on WHO-UMC causality algorithm. 10, 4
4. Give the composition and functions of Institutional Ethical Committee, and explain its role in the design of clinical trials. 5, 5, 4

[2]

5. What are clinical pharmacokinetic models? Explain the determination of drug clearance and volume of distribution using pharmacokinetic models. 4, 10
6. Explain the role of following laboratory tests in evaluation of disease state 5, 5, 4
 - a) Kidney function tests
 - b) Liver function tests
 - c) CBC
7. Write short notes on any four of the following: 3½ each
 - i) Patient charts
 - ii) Clinical Research Organizations in India.
 - iii) Various phases of clinical trials
 - iv) Drug information queries
 - v) Therapeutic drug monitoring
 - vi) Individualization of drug therapy
