QP Code: 3323 **Reg No:** .....

M Pharm Part I Degree Examinations - June 2012

(Pharmacy Practice)

Paper III - Clinical Toxicology and Pharmacokinetics

Time: 3hrs **Maximum Marks: 100**

- ***Answer all questions***
- ***Draw diagrams wherever necessary***

Essays: **(2x20 =40)**

1. Explain the importance of human ethics committee in clinical research and ICH guidelines for constitution of ethics committee and its functions.

2. Define and explain the process of therapeutic drug monitoring.

Short Essays: **(6x10=60)**

3. Descrioe the various phase of clinical trials.

4. Explain the dosage adjustment in patients with renal and hepatic dysfunction.

5. Discuss the application of parametric and non parametric tests in research.

6. Define cross-sectional study and mention its limitations.

7. Explain briefly about planning and execution of clinical trials.

8. Describe briefly toxicological management for organophosphorous compounds and pyrethroids.

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