

**QP Code:3284**

**Reg No: .....**

**M.Pharm Part I Degree Examinations - June 2012**

**(Pharmacology)**

**Paper IV – Clinical Pharmacology & Toxicology**

Time: 3hrs

**Maximum Marks: 100**

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

**Essays:**

**(2x20 =40)**

1. Discuss in detail aspects of clinical trials, monitoring and management of clinical trials
2. Discuss the types, methods and importance of :
  - Pharmacoeconomics
  - Rational drug use

**Short Essays:**

**(6x10=60)**

3. Discuss pathophysiology and pharmacotherapy of bronchial asthma and peptic ulcer.  
Explain mechanism of action of INH and its adverse effects and contraindications.
4. Explain mechanism of dose adjustments in hepatic and renal failure.
5. Discuss the following poison management. • Barbiturates • Organophosphorus compounds
6. Explain the pathophysiology and pharmacotherapy of liver cirrhosis.
7. Explain the estimation of serum concentration of theophylline and gentamycin.

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