

**Total No. of Pages : 01**

**M. Pharma (Sem.-2)**  
**PHARMACEUTICAL MEDICINE**  
**Subject Code : PHCOL-132**  
**Paper ID : [A2494]**

**Max. Marks : 80**

1. Attempt any FIVE questions out of SIX questions.
2. Each question carries SIXTEEN marks.

- Q1 Describe in detail various applications of Pharmacoeconomics and Pharmacoepidemiology.
- Q2 Write short notes on following :
- a) GATT
  - b) Patents
  - c) IPP
  - d) Copyright and trademark
- Q3
- a) Briefly describe the Good Laboratory Practice (GLP) guidelines.
  - b) Briefly describe the organization and functions of drug regulation authorities in India.
- Q4
- a) Discuss the advantages and disadvantages of parallel and cross-over trial designs.
  - b) Describe the various phases of clinical trials.
- Q5 Write short note on the following :
- a) Run-in period
  - b) Phantom foetus
  - c) NDA
  - d) Informed consent
- Q6 Write short note on the following :
- a) Acute and chronic toxicity studies.
  - b) Stages of drug discovery to development.