

**End Semester Examination 2020-21**  
**Final year B. Pharm Sem VIII (CBCS)**  
**CLINICAL PHARMACY**  
**Subject Code: BPH\_E\_807\_T**

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QI. Answer any **ONE** of the following:

1. Justify, Why Therapeutic drug monitoring (TDM) is required for Digoxin? Add a note on factors affecting interpretation of result of TDM.
2. Explain different methods of pharmacoeconomic evaluations.

QII. Answer any **FOUR** of the following:

1. Explain ANY FOUR predisposing factors leading to Adverse Drug Reactions. Add an example for each.
2. Define Informed consent. Write Principles of GCP in clinical trials.
3. Write a note on ANY TWO barriers to patient counselling and strategies to overcome these barriers.
4. Enlist ANY FOUR drugs and their associated risk on fetus if it is given to pregnant women. Add a note on practical aspects of prescribing medicines to pregnant women.
5. Discuss various phases of Clinical trials.

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QI. Answer any **ONE** of the following:

1. Write a short note on Drug-Food Interaction. Illustrate answer with suitable examples.
2. Explain various criteria involved in design of clinical trials.

QII. Answer any **FOUR** of the following:

1. Write a note on methods to detect patient compliance to therapy. Justify which method is the most accurate method
2. What are the indications of TDM? Add a note on role of Pharmacist in therapeutic drug monitoring.
3. Write a short note on Pharmacokinetic type of drug Interaction.
4. Define Pharmacovigilance. Write a note on bioavailability and bioequivalence Studies.
5. Define term pharmacoeconomic, costs and outcomes. Explain type of costs and outcomes used in pharmacoeconomic studies.

## **CLINICAL PHARMACY**

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QI. Answer any **ONE** of the following:

1. Write a short note on drugs causing following adverse drug reaction manifestations
  - a. Hepatotoxicity
  - b. Nephrotoxicity
2. Write ideal composition of Institutional Review Board (IRB). Discuss the roles and responsibilities of IRB.

QII. Answer any **FOUR** of the following:

1. Discuss various clinical practice opportunities for community pharmacists.
2. Why adverse drug reactions are more common in geriatric patients. Add a note on pharmacodynamic factors affecting drug treatment in geriatric patients.
3. Enlist reasons for patient noncompliance and discuss methods to improve patient compliance to therapy.
4. Define pharmacoepidemiology. Explain measurement of outcomes in pharmacoepidemiology.
5. Define Adverse Drug Reaction and give its classification with suitable examples