

Q.P. Code: 403326

Reg. no.:

**Fourth Year Pharm D Degree Regular/Supplementary Examinations
June 2023**

Clinical Pharmacy

Time: 3 Hours

Total Marks: 70

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay:

(3x10=30)

1. Discuss in detail the goals and procedure in medication chart review.
2. Explain the normal range and clinical significance of liver function tests.
3. Discuss the modified systematic approach to answering drug information queries.

Short notes:

(8x5=40)

4. Explain the types of drug utilization evaluation (DUE) studies.
5. Describe different types of anemia's based on hematological tests.
6. Discuss primary and tertiary poison information resources.
7. Explain pharmacist role in the prevention and management of adverse drug reactions.
8. Describe the barriers to patient counselling and how to overcome them.
9. Explain the dimensions of nonverbal communication.
10. Explain CORE pharmaceutical care plan.
11. Mention the different types of medication errors and explain any four of them.
