

Q.P. Code: 403326

Reg. no.:

**Fourth Year Pharm D Degree Special Supplementary Examinations
September 2024
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 various methods for quality assurance in clinical pharmacy services.
2. Explain the normal range and clinical significance of renal function tests.
3. Define Adverse Drug Reaction (ADR) and explain the mechanisms of type-A and type-B adverse drug reactions.

Short notes:

(8x5=40)

4. Explain medication chart review procedure.
5. Discuss ward round participation by clinical pharmacist.
6. Explain the normal range and clinical significance of any two biochemical tests for thyroid functions.
7. Write the benefits and drawbacks of primary and secondary drug information resources.
8. Describe any one method for assessing causality of adverse drug reactions.
9. Explain the various verbal communication skills required for pharmacists.
10. Explain the SOAP note used in the documentation of pharmaceutical care.
11. Explain how pharmacists can improve patient medication safety.
