

Q.P. Code: 403326

Reg. no.:

**Fourth Year Pharm D Degree Supplementary Examinations
December 2018**

Clinical Pharmacy

Time: 3 Hours

Total Marks: 70

- Answer all questions
- Draw diagrams wherever necessary

Essay:

(3x10=30)

1. Explain drug utilization evaluation (DUE) cycle.
2. Explain common biomarkers measured in cardiac disorders with their clinical significance.
3. Define and classify adverse drug reaction (ADR). Discuss the mechanisms of ADR

Short notes:

(8x5=40)

4. Scope of clinical pharmacy in India.
5. Medication order review.
6. Clinical significance of red cell distribution width (RDW).
7. Systematic approach in answering drug information queries.
8. Non-verbal communication skills required for effective pharmaceutical care services.
9. Clinical skills required for providing pharmaceutical care.
10. Classification of medication errors with suitable examples.
11. Author's background and funding information for judging quality of a publication
