



**Clinical Pharmacy Practice**

**(Revised Scheme 4)**

**Q.P. CODE: 9395**

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary.

**LONG ESSAY (Answer any TWO)**

**2 X 20 = 40 Marks**

1. What are the roles and responsibilities of a clinical pharmacist on day to day basis in a tertiary care hospital? Discuss in detail the protocol and importance of Drug utilization review programme of a hospital.
2. a) Explain. How would you assess acute myocardial infarction with the aid of laboratory investigations?  
b) Define anemia. Discuss the laboratory assessment of Anemia.
3. Describe the applications of various clinical pharmacokinetic models. Add a note on physiological determinants of drug clearance and volumes of distribution.

**SHORT ESSAY (Answer any FIVE)**

**5 X 10 = 50 Marks**

4. Discuss various clinical laboratory tests used to evaluate disease states in liver dysfunction.
5. Discuss briefly various guidelines for good clinical research practice and ethical requirements.
6. Discuss various steps involved in systematic approach of answering a Drug Information Query.
7. Write the importance of communication skills in clinical pharmacy practice.
8. Discuss the role of clinical pharmacist in adverse drug reaction (ADR) management.
9. Explain about Dose adjustment in hepatic failure and renal failure patients

**SHORT NOTES**

**2 X 5 = 10 Marks**

10. Calculation of loading and maintenance doses for narrow therapeutic index drugs
11. Various estimation methods and determinants of bioavailability in clinical pharmacokinetics

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