

[Time: 3 Hours]

[Max. Marks: 75]

Clinical Pharmacy Practice**Q.P. CODE: 5137**

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary.

LONG ESSAY (Answer any Three)**3 X 10 = 30 Marks**

1. What is spirometry? Explain how it is useful in evaluating pulmonary function.
2. Explain drug therapy review. Add a note on drug related problems.
3. Explain how the patient case structure is used in assessing and designing drug therapy for a patient with suitable example.
4. Give an account of selection of appropriate antimicrobial regimen based on microbial culture and sensitivity test results.

SHORT ESSAY (Answer any Nine)**9 X 5 = 45 Marks**

5. Write the systematic approach in answering poison information queries and examples of poison information resources.
6. Explain adverse events following immunization and their reporting.
7. Quality assurances in clinical pharmacy services
8. Explain the objectives and types of DUE studies.
9. How is urine analysis helpful to assess pathological abnormalities?
10. Give the tests to distinguish types of anemia.
11. What are abnormal serum electrolyte levels and give their significance?
12. Discuss communication skills in patient counseling.
13. Give the significance and normal values of :- a) Cardiac enzymes. b) Thyroid hormones.
14. Explain the concept of pharmaceutical care.

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