

# Question Paper

Exam Date & Time: 22-Nov-2023 (10:00 AM - 01:00 PM)



## MANIPAL ACADEMY OF HIGHER EDUCATION

Manipal Academy of Higher Education, Manipal MPharm Theory End-Semester Examinations.

**Clinical Pharmacy Practice [PPR-MPP101T - S2]**

**Marks: 75**

**Duration: 180 mins.**

### SECTION - A

**Answer all the questions.**

Answer the following (10 marks x 5 = 50 marks)

- 1) Explain in detail drug utilization evaluation program. (10)
- 2) Describe the methods to assess the quality assurance of clinical pharmacy service. (10)
- 3) Explain the clinical laboratory tests that are useful in investigating and evaluating kidney function. (10)
- 4) Explain the clinical significance of serum enzymes with their normal range and clinical significance. (10)
- 5) Explain modified systematic approach designed by Host and Kirkwood. (10)

### SECTION - B

**Answer all the questions.**

Answer the following (5 marks x 5 = 25 marks)

- 6) Explain the skills required for clinical pharmacist to provide pharmaceutical care. (5)
- 7) Describe the barriers to pharmacist's communication. (5)
- 8) Describe the importance of demographic information and social history in drug therapy management. (5)
- 9) Explain RBC indices with their normal range and clinical significance. (5)
- 10) Describe the process for drafting a written response to a request for drug information. (5)

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