

Exam Date & Time: 07-Mar-2022 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

Manipal Academy of Higher Education, Manipal MPharm Theory End-Semester Examinations March 2022

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 drug utilization evaluation program. (10)
- 2) Define quality assurance, outline the goals of quality assurance of clinical pharmacy, and explain performance evaluation and quality assurance programme evaluation. (10)
- 3) Explain the components of liver function tests with its normal range and clinical significance. (10)
- 4) Discuss various lung flow tests and lung volume tests with clinical significance and normal range. (10)
- 5) Enumerate the need for medication information service and explain a method to answer medication information questions. (10)

SECTION - B

Answer all the questions.

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

- 6) What are the components of pharmaceutical care? (5)
- 7) Explain the goals and procedure for medication order review. (5)
- 8) Write the importance of communication skills and explain non-verbal communication. (5)

9) Describe cardiac function tests with normal range and clinical significance. (5)

10) Explain the functions of poison information centre. (5)

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