

Question Paper

Exam Date & Time: 10-May-2024 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

IV Year Pharm D/ I Pharm D Post Baccalaureate
University Examination April 2023

Clinical Pharmacy [PPR 4.3T-S1]

Marks: 70

Duration: 180 mins.

A: Long Answer Questions

Answer all the questions.

Draw diagrams wherever necessary

- 1) Explain qualitative and quantitative drug utilization evaluation. (10)
- 2) Explain the steps involved in the modified systematic approach to answering drug information questions. (10)
- 3) What is meant by critical appraisal of biomedical literature? Describe why hypothesis and sample size must be clearly defined in a biomedical literature. (10)

B: Short Answer Questions

Answer all the questions.

- 4) Explain clinical laboratory tests used in the interpretation of Cardiac disorders. (5)
- 5) Explain the significance of Microbiological culture sensitivity tests. (5)
- 6) Explain the evaluation of drug therapy & importance of Medical Abbreviations in Clinical Practice. (5)
- 7) Explain briefly the quality assurance process followed in case a medication error occurs. (5)
- 8) Explain the concept of Pharmaceutical care and role of pharmacist in Pharmaceutical care plan. (5)
- 9) Explain the role of Pharmacist in early prevention of Adverse Drug Reactions (ADRs) (5)

C. Give Reasons for the Following

Answer all the questions.

- 10) Significance of maintaining Fluid and electrolyte balance. (2)
- 11) The components of a patient profile form with its clinical significance. (2)
- 12) Need of Pharmacovigilance in INDIA (2)
- 13) Clinical pharmacist interventions are often necessary in healthcare settings. (2)
- 14) A high concentration of CK-MB may be unrelated to cardiac disease. (2)

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