

# Question Paper

Exam Date & Time: 14-Jun-2023 (10:00 AM - 01:00 PM)



## MANIPAL ACADEMY OF HIGHER EDUCATION

Instructions: Answer ALL questions.

**Hospital Pharmacy [PPR 4.2T-S1]**

**Marks: 70**

**Duration: 180 mins.**

### Section A

**Answer all the questions.**

Long Answer Questions (3 x 10 marks = 30 marks)

- 1) Define Hospital Pharmacy? Draw the organization chart of the hospital pharmacy in a large hospital and explain the function of each division. (10)
- 2) Define Pharmacy Therapeutic Committee(PTC). Explain the role of PTC in drug safety and the preparation of an emergency drug list. (10)
- 3) Enumerate the unique characteristics of parenteral dosage forms and explain the vehicles and additives in the formulation of injections. (10)

### Section B

**Answer all the questions.**

Short Answer Questions (6 x 5 marks = 30 marks)

- 4) Explain various classifications of hospitals. (5)
- 5) What is the hospital formulary system? Explain the legal basis of the hospital formulary system. (5)
- 6) Explain the perpetual method of inventory control. (5)
- 7) What is a unit dose? Explain the procedure and advantages of the unit dose drug distribution system. (5)
- 8) Define the term 'powder'. Discuss the various dusting powders which are meant for external use. (5)
- 9) Describe the relationships that pharmacists have with the general public, patients, and employing institutions. (5)

### Section C

**Answer all the questions.**

Give Reasons for the Following (5 x 2 marks = 10 marks)

- 10) Stock of "V"- items must always be present in sufficient quantity in the hospital pharmacy. (2)
- 11) Individual prescription order system is not suitable for large hospitals. (2)
- 12) Chances of pilferage and deterioration of the drugs are more in a complete floor stock drug distribution system. (2)
- 13) Radiopharmaceuticals are used in diagnostic applications in very small doses. (2)
- 14) Pharmacists must be prepared for continuous learning. (2)

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