

Your Roll No.....

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**School of Pharmaceutical Education and Research**  
**M. Pharm. I Semester Examination (2023-24)**

Subject: Clinical Pharmacy Practice  
Paper Code: MPP-101T

Date: 08.03.2024

Maximum Marks: 75  
Time: Three hours

(Write your Roll No. on the top immediately on receipt of this question paper)

**Note:** This paper has two Sections; A and B.  
Attempt all the two sections.

**Section A:** Answer all the questions.

**Section B:** Answer any 4 out of 6 questions

**Abbreviations Used:**

CO- Course Outcome, PO- Program Outcome, BTL- Bloom Taxonomy Level: BT level 1-Remember; BT level 2- Understand; BT level 3- Apply; BT level 4- Analyze; BT level 5- Evaluate; BT level 6- Create.

**SECTION-A**

**Explain the following in brief (Attempt all questions)**

**5x3= 15 Marks**

| Q. No 1 | Question                               | BTL | CO | PO |
|---------|----------------------------------------|-----|----|----|
| (a)     | Verbal communication                   | 3   | 4  | 8  |
| (b)     | Poison control centre                  | 1   | 5  | 2  |
| (c)     | Literature review                      | 2   | 1  | 3  |
| (d)     | Fluid and electrolytes                 | 5   | 3  | 4  |
| (e)     | Quality assurance in pharmacy practice | 4   | 5  | 6  |

**SECTION B**

**Long type Questions (Attempt any 4 out of 6)**

**4x15= 60 Marks**

|         | Question                                                                                                                                                               | BTL | CO | PO |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|----|
| Q. No 2 | Write a note on preparation of verbal and written response in medicine information service.                                                                            | 4   | 1  | 3  |
| Q. No 3 | Elaborate poison information services. How can poison information services be established in a hospital. How does a clinical pharmacist help in establishing the same. | 6   | 5  | 2  |
| Q. No 4 | Explain the process of reporting an adverse event. What is the role of IPC in executing the same?                                                                      | 5   | 2  | 4  |
| Q. No 5 | a) Discuss various liver diseases and importance of biomarkers in each disease.<br>b) Write the clinically important values of biomarkers of cardiovascular diseases.  | 3   | 3  | 1  |
| Q. No 6 | Define adherence. Write down the process of patient counseling and how does these help in adhering to the treatment.                                                   | 4   | 4  | 9  |
| Q. No 7 | Describe drug utilization evaluation. How does these evaluations help in clinical practice and explain the role of clinical pharmacist in these studies?               | 3   | 1  | 4  |