

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**M.PHARM – SEMESTER -1- EXAMINATION –WINTER - 2018**

**Subject Code: MCP101T****Date: 01/01/2019****Subject Name: Clinical Pharmacy Practice- I****Time: 10:30 AM TO 01:30 PM****Total Marks: 80****Instructions:**

1. Attempt any five questions.
2. Make Suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

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|------|-----|---|----|
| Q.1  | (a) | Define clinical pharmacy. Explain development and scope of clinical pharmacy.                   | 06 |
|      | (b) | Discuss the importance of Liver and Renal biomarkers.   | 05 |
|      | (c) | Discuss the steps involved and importance of Medication History                                 | 05 |
| Q.2  | (a) | Define and classify drug induced diseases with example of each.                                 | 06 |
|      | (b) | Discuss about the various Hematological tests and its diagnostic importance.                    | 05 |
|      | (c) | Write a note on Medication chart review.  | 05 |
| Q.3  | (a) | Describe the importance of drug utilization evaluation.   | 06 |
|      | (b) | Depict the importance of quality assurance in clinical pharmacy practices.                      | 05 |
|      | (c) | What are the tests carried out to diagnose cardiac disorders.                                   | 05 |
| Q.4  | (a) | Describe the types of Pharmcoeconomic evaluations.  | 06 |
|      | (b) | Discuss the role of clinical pharmacist during ward round.                                      | 05 |
|      | (c) | Enlist the various microbial culture sensitivity tests and its importance.                      | 05 |
| Q.5  | (a) | Discuss the importance of rational and irrational use of drugs.                                 | 06 |
|      | (b) | Explain the role of pharmacist in prevention and minimization of ADR.                           | 05 |
|      | (c) | Write a note on Essential Drugs.  | 05 |
| Q. 6 | (a) | Compare the primary, secondary and tertiary biomedical literature available and its evaluation. | 06 |
|      | (b) | Discuss the applications of Pharmcoeconomic.  | 05 |
|      | (c) | How the clinical pharmacist help in minimizing drug interactions.                               | 05 |
| Q.7  | (a) | Describe the communication skills required for effective patient counseling.                    | 06 |
|      | (b) | Write a note on pharmaceutical care.  | 05 |
|      | (c) | Explain about case presentation.  | 05 |

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