

GUJARAT TECHNOLOGICAL UNIVERSITY**M. Pharm. – SEMESTER – I • EXAMINATION – SUMMER • 2015****Subject Code: 910106****Date: 21-05-2015****Subject Name: Clinical Pharmacy Practice****Time: 02:30 pm to 05:30 pm****Total Marks: 80****Instructions:**

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

- Q.1 (a)** Explain pharmaceutical care issues with example. **06**
(b) What is medication adherence? How will you assess medication non-adherence. **05**
(c) Write the competencies required by clinical pharmacist. **05**
- Q.2 (a)** Discuss goals and objectives for clinical pharmacist on ward rounds. **06**
(b) Describe the principles of effective communication of clinical pharmacist with patients. **05**
(c) What are different methods for causality assessment for Adverse drug reactions? Discuss anyone in detail. **05**
- Q.3 (a)** What are essential drugs? Write in brief about essential drug list. **06**
(b) Discuss irrational drug use with examples (at-least two). What are the dangers of irrational drug use? **05**
(c) Differentiate between adverse drug events and adverse drug reactions. **05**
- Q.4 (a)** Describe role of pharmacist in management of adverse drug reaction. **06**
(b) Write any three drug- drug interaction of clinical significance with suitable examples. **05**
(c) Define pharmacoeconomics and discuss types of economic evaluation. **05**
- Q.5 (a)** Discuss different patterns of abnormalities in indicators of liver function tests. **06**
(b) Write in detail about medication history interview. **05**
(c) Explain role of drug therapy review in patient care. **05**
- Q. 6 (a)** Describe the role of medication chart endorsement in drug therapy review. **06**
(b) Describe tests for monitoring antimicrobial therapy. **05**
(c) Define therapeutic drug monitoring (TDM) and describe common clinical applications of TDM. **05**
- Q.7 (a)** What are medication errors? List out medication errors with examples. **06**
(b) Describe important sources of information which are used to monitor therapeutic outcomes. **05**
(c) Discuss in brief the reasons and dangers of self medication. **05**
