

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**M. PHARM - SEMESTER-I • EXAMINATION – WINTER - 2016**

**Subject Code: 910106****Date: 02/01/2017****Subject Name: Clinical Pharmacy Practice****Time: 10.30 AM – 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.

<b>Q.1</b>	(a) Define clinical pharmacy. Explain development and scope of clinical pharmacy.	<b>06</b>
	(b) Explain participation of clinical pharmacist in ward round.	<b>05</b>
	(c) Define medication error. Enlist and explain types of medication error.	<b>05</b>
<b>Q.2</b>	(a) Discuss in brief various parameters of hematological test.	<b>06</b>
	(b) Write note on drug induced disease with suitable examples.	<b>05</b>
	(c) Define pharmacoeconomics. Explain needs of pharmacoeconomic evaluation.	<b>05</b>
<b>Q.3</b>	(a) Define pharmcovigilance. Explain role of clinical pharmacist in spontaneous ADR reporting.	<b>06</b>
	(b) Write note on: i] Cost minimization ii] Cost benefits	<b>05</b>
	(c) Describe pulmonary function test.	<b>05</b>
<b>Q.4</b>	(a) Define adverse drug reaction. Explain causality assesment for ADR.	<b>06</b>
	(b) Explain drug interaction with suitable examples. Discuss methods for minimizing clinical relevant drug interactions.	<b>05</b>
	(c) Write note on pharmaceutical care concept.	<b>05</b>
<b>Q.5</b>	(a) Explain test associated with cardiac disorders	<b>06</b>
	(b) Write note on patient counseling. Give its benefits.	<b>05</b>
	(c) Write note on case representation.	<b>05</b>
<b>Q. 6</b>	(a) What is patient compliance? Explain reasons of patient non compliance. Discuss methods for improving patient compliance.	<b>06</b>
	(b) Define rational used of drug. Explain factors underlying the irrational use of drugs.	<b>05</b>
	(c) Write note on critical evaluation of biomedical literature.	<b>05</b>
<b>Q.7</b>	(a) Write advantages and disadvantages of self medication.	<b>06</b>
	(b) Define essential medicines. Write note on essential drug list.	<b>05</b>
	(c) Write a note on medication chart review in drug therapy monitoring.	<b>05</b>

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