Seat No.: _____   Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
M. Pharm. - SEMESTER I - EXAMINATION – SUMMER 2018

Subject Code: 910106   **Date: 05/05/2018**
Subject Name: Clinical Pharmacy Practice
TIME: 02:30PM TO 05:30PM   **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)**	Discuss the reasons and dangers of self medication	**06**
	(b)	Enumerate different types of medication errors and the possible reasons for the errors.	**05**
	(c)	Discuss goals and objectives for clinical pharmacist on ward rounds.	**05**
Q.2	**(a)**	What is medication adherence. Discuss the role of pharmacist in improving medication adherence.	**06**
	(b)	Highlight the dangers of Irrational drug use with suitable examples.	**05**
	(c)	What is the role of pharmacist in ADR monitoring?	**05**
Q.3	**(a)**	Enlist the methods for causality assessment for ADR. Discuss anyone in detail.	**06**
	(b)	Write a note on essential drug list.	**05**
	(c)	Write in brief about pharmaceutical care.	**05**
Q.4	**(a)**	Explain in brief the different types pharmacoeconomic evaluations.	**06**
	(b)	Discuss direct and indirect cost.	**05**
	(c)	Distinguish between adverse drug events and adverse drug reactions, giving examples.	**05**
Q.5	**(a)**	Explain pharmacodynamic and pharmacokinetic drug interactions with suitable examples (atleast two examples each).	**06**
	(b)	Discuss various lab tests used for assessment of anemia.	**05**
	(c)	Classify ADR according to Rawlins and Thomson and discuss its limitations.	**05**
Q. 6	**(a)**	Give the normal range and significance of the following: (any three) 1. HbA1C 2. TSH 3. FEV_1 4. SGOT	**06**
	(b)	Write in brief about drug induced diseases with suitable examples.	**05**
	(c)	Discuss the role and responsibilities of a clinical pharmacist.	**05**
Q.7	**(a)**	Discuss reasons for medication non-adherence. How will you assess medication adherence.	**06**
	(b)	Discuss the communication skills needed by a clinical pharmacist	**05**
	(c)	Write in brief about drug therapy monitoring.	**05**

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