Seat No.:	Enrolment No.

## GUJARAT TECHNOLOGICAL UNIVERSITY B. Pharm. – SEMESTER – VIII • EXAMINATION – SUMMER 2013

•		ode: 280006 Date: 24-05-2013	
-		ame: Clinical Pharmacy-II	
Time Instru		30 am - 01.30 pm Total Marks: 80	
HISTT	1. A 2. N	S: Attempt any five questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks.	
Q.1	(a)	Write the significance of prescription monitoring. What is the role of clinical	06
	<b>(b)</b>	pharmacist in this process.  Explain the pathogenesis behind peptic ulcer disease. How gastric ulcer can be differentiated from duodenal ulcer?	05
	(c)	Write a note on thyroid function tests used to establish thyroid disorders.	05
Q.2	(a) (b)	Classify adverse drug reactions. Write a note on pharmacovigilance. What is open angle and close angle glaucoma? Which methods are used to diagnose glaucoma?	06 05
	(c)	Explain the pathogenesis of asthma. Write differences between Bronchial asthma and COPD.	05
Q.3	(a)	Define hepatitis. What are signs and symptoms of hepatitis. Mention the laboratory investigations which are used to diagnose hepatitis.	06
	<b>(b)</b>	Explain the need for pharmacoeconomics in Indian environment of pharmacy	05
	(c)	practice. Explain various types of pharmacoeconomic evaluations done.  Write a note on hormone replacement therapy for post menopausal women.	05
Q.4	(a) (b)	Mention the risk factors and preventive and treatment strategies of pneumonia. What is glycosylated hemoglobin? What are the recent developments in the treatment of diabetes mellitus?	06 05
	(c)	Write a note on stem cell transplantation	05
Q.5	(a)	How breast cancer can be detected and which factors have increased the risk of prevalence of breast cancer?	06
	<b>(b)</b>	•	05
	(c)	What are nosocomial infections? Give examples and methods to prevent their spread.	05
Q. 6	(a)	Explain differences between osteoporosis, Rheumatoid arthritis and gout and their management briefly.	06
	(b) (c)	Explain the pathogenesis and clinical manifestations of AIDS. Which risk factors promote the development of bed / pressure sores? What are the treatment options for same?	05 05
Q.7	(a) (b)	Discuss signs and symptoms and complications of urinary tract infections.  Discuss about pathogenesis of viral diseases spreading through chicken and	06 05
	(c)	pigs Write a note on leptospirosis.  **********************************	05