

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
B. Pharm. – SEMESTER – VI • EXAMINATION – SUMMER • 2014

Subject Code: 260005

Date: 30-05-2014

Subject Name: Clinical Pharmacy-I

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.**

Q.1	(a)	Explain pathophysiology of Hypertension and discuss its complications.	06
	(b)	Define Epilepsy. Discuss pathophysiology and management of Epilepsy.	05
	(c)	Define Clinical Pharmacy and discuss the role of a clinical pharmacist as a member of health care team.	05
Q.2	(a)	Discuss the pathophysiology of Angina Pectoris and explain the management of Chronic Stable Angina.	06
	(b)	Discuss the basic principles and goals of Geriatric drug therapy.	05
	(c)	Define patient counseling and explain the process of counseling.	05
Q.3	(a)	Discuss the etiology and pathophysiology of Parkinsonism. What complications develop due to prolonged use of Levodopa?	06
	(b)	Discuss the general principles of treatment of poisoning.	05
	(c)	Write a short note on – Renal Function Tests.	05
Q.4	(a)	Explain the pathophysiology of chronic renal failure and discuss its treatment.	06
	(b)	Write a short note on- Concept of Essential Drugs.	05
	(c)	Discuss laboratory tests for diagnosis of Cardiovascular diseases.	05
Q.5	(a)	Write briefly about etiology, clinical manifestations and therapy of Anemia.	06
	(b)	Define Therapeutic Drug Monitoring (TDM). Give its objectives and clinical applications.	05
	(c)	Write a short note on- Self Medication.	05
Q.6	(a)	Discuss factors affecting drug administration in paediatric patients by oral route giving suitable examples.	06
	(b)	Explain different aspects of non-pharmacological therapy of Hyperlipidemia and justify use of Statins in Hyperlipidemia.	05
	(c)	Discuss the management of following conditions during pregnancy- Anemia and Pregnancy Induced Hypertension (PIH).	05
Q.7	(a)	Define Thrombosis and give its etiology and clinical features.	06
	(b)	Define Schizophrenia. Write negative symptoms and give its prognosis.	05
	(c)	Discuss clinical signs and symptoms and treatment of Organophosphorous compound poisoning.	05
