Seat No.:	Enrolment No.
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Subject Code: 260005

Time: 02:30 pm - 05:30 pm

Subject Name: Clinical Pharmacy-I

GUJARAT TECHNOLOGICAL UNIVERSITY

B. Pharm. – SEMESTER – VI • EXAMINATION – WINTER • 2016

Date: 25-10-2016

Total Marks: 80

Instru	2. Ma	tempt any five questions. ake suitable assumptions wherever necessary. gures to the right indicate full marks.	
Q.1	(a) (b) (c)	Write causes, sign & symptoms, mechanisms of arrhythmia and discuss how class I(B) anti-arrhythmic drugs manage arrhythmia Discuss risk factors and pathophysiology of Alzheimer diseases Write sources, mechanism of toxicity, signs and symptoms, diagnosis and treatment of chronic Arsenic (as) poisoning	06 05 05
Q.2	(a) (b) (c)	Describe criteria for Therapeutic Drug Monitoring (TDM) and Immunological methods used for TDM with suitable examples Discuss detail pathophysiology and management of Parkinsonism Discuss on self medication and nonprescription drug usage	06 05 05
Q.3	(a) (b) (c)	Define rational use of medicines, give examples of the irrational use of medicines and discuss Pharmacist's role in promoting rational use of medicines Write how to perform initial evaluation of hypertensive patients and explain hypertensive crises: emergencies and urgencies Write short note on Pain and Migraine	06 05 05
Q.4	(a)(b)(c)	Explain the roll and responsibility of clinical pharmacist as a member of health care team Explain metabolic and systemic consequences of chronic kidney disease Explain pharmacokinetic differences in pediatric population	06 05 05
Q.5	(a) (b) (c)	Define laboratory test abnormalities and write its general principles and give detail of serum proteins tests Explain pathophysiology and management of stroke Discuss FDA pregnancy categories with suitable examples.	06 05 05
Q. 6	(a)(b)(c)	Discuss the medication related problems in geriatric patients and reasons for high frequencies of adverse drug reactions in the elderly Write detail Interpretation of blood urea nitrogen laboratory tests and their effect on drug therapy decisions. Discuss etiology, clinical presentation, diagnosis and treatment of megaloblastic anemias	06 05 05
Q.7	(a)	Define poison and write mechanism of action, signs & symptoms,	06
		Page 1	of 2

<i>a</i> >	diagnosis and management of Organophosphorus poisoning	
(b)	Explain the clinical pharmacist roll in improving patient compliance	05
	and providing patient counseling	
(c)		05
、 /	Discuss etiology, clinical presentation, diagnosis and therapeutic	
	plan for Thrombosis	
