Seat No.:	Enrolment No.

Subject code: 420002

GUJARAT TECHNOLOGICAL UNIVERSITY Diploma Pharmacy - 2nd Year Examination – OCTOBER 2012

Date: 27-10-2012

Time		ne: Pharmaceutical Chemistry- II pm – 5:30 pm Total Marks:	80
	2. Ma	tempt any five questions. The suitable assumptions wherever necessary. The suitable assumptions wherever necessary. The suitable assumptions wherever necessary.	
Q.1	(a)	Draw the structure and write medicinal uses of the followings. 1)Imipramine 2)Dapsone 3)Sulphadiazine 4)Diazepam 5)Propranolol 6)Chlorpropamide	06
	(b)	Classify Anti T.B drugs along with its examples. Discuss Isoniazid and PAS in detail.	05
	(c)	Define and Classify Adrenergic agents. Write detailed note on any ONE compound of each class.	05
Q.2	(a)	Define Diuretic. Write Chemical classification of Diuretics. Discuss Furosemide along with its structure.	06
	(b)	Write chemical classification of antihistaminic drugs with suitable examples. Discuss any one H ₁ Blockers in detail.	05
	(c)	What do you men by Non-steroidal anti-inflammatory Agents? Classify it. Discuss Aspirin in detail.	05
Q.3	(a)	Classify sulphonamides. Discuss Sulfaguanidine, Cotrimoxazole and Sulfacetamide in detail.	
	(b) (c)	Classify Hypoglycemic Agents. Discuss Biguanides in detail. Phenothiazine derivatives as a tranquillizer	05 05
Q.4		Write Chemical Classification along with suitable example and its use of followings.	
	(a) (b) (c)	General Anesthetics CNS stimulants Hypnotics & Sedatives	06 05 05
Q.5	(a) (b) (c)	Discuss SAR of Penicillin Describe life cycle of Plasmodium. Classify Cardiovascular Drugs. Discuss Nitrates and Clofibrate in detail	06 05 05
Q. 6	(a) (b) (c)	Discuss Diagnostic Agents in brief. Describe Antifungal agents OR Antiamoebic and Anthelmintic Drugs Write short note on Analeptic Drugs	
Q.7	(a)	Draw the structure and write medicinal uses of the followings. 1) Haloperidol 2) Atropine 3) Isoprenaline 4) Lignocaine 5) Ampicillin 6) Urea	06
	(b) (c)	Write short note on Local Anaesthetics Explain Antiulcer agents in detail.	05 05
