	GUJARAT TECHNOLOGICAL UNIVERSITY B. Pharm. – SEMESTER – VI • EXAMINATION – WINTER • 2016 Subject Code: 260004 Date: 24-10-2016			
	Su Ti	bject Name: Pharmaceutical Chemistry-VIII (Medicinal Chemistre me: 02.30 pm To 05.30 pm Total Marks: 80 structions: 1. Attempt any five questions. 2. Make suitable assumptions wherever necessary. 3. Figures to the right indicate full marks.	ry)	
Q.1	(a) (b) (c)	What is xenobiotics? Describe Phase-I of Xenobiotic metabolism. Describe factors affecting drug metabolism. Write in detail Drug receptor interaction.	06 05 05	
Q.2	(a) (b) (c)	Give synthesis of any two of the following 1) Neostigmine 2) Salbutamole 3) Dopamine Describe SAR of Parasympathomimetics in detail. Write a detail note on Antiparkinson's agents	06 05 05	
Q.3	(a) (b) (c)	What are antidepressant drugs? Classify them in detail. Write note on General anesthetics. Write detail SAR of Barbiturate derivatives.	06 05 05	
Q.4	(a) (b) (c)	What are Sedative and Hypnotics. Classify them in detail. What is Alzheimer's disease? Discuss its treatment Explain NSAIDs in detail.	06 05 05	
Q.5	(a) (b) (c)	Give structure and use of the following (1) Chlorpromazine 2) Paracetamole 3) Morphine 4) Diclofenac 5) carbamazepine 6) Mefenamic acid Discuss in detail about Sympatholytic agent. Write a note on Anticholinesterase.	06 05 05	
Q. 6	(a) (b) (c)	What are Opiod analgesics? Write mechanism of actions and Classification of Opiod analgesics. Write a note on Neuromuscular Blocking agents. Write detailed SAR of Parasympatholytics.	06 05 05	
Q.7	(a)	Give synthetic scheme of any 2 of the following 1) Lignocaine 2) Allopurinole 3) Adreanaline	06	
	(b) (c)	Classify Local Anesthetics in detail. Write a note on Antiepileptic agents.	05 05	

Enrolment No._____

Seat No.: _____
