Seat No.:	Enrolment No.
Seat No	Elifoliticiti No.

## **GUJARAT TECHNOLOGICAL UNIVERSITY**

B. Pharm. – SEMESTER – V • EXAMINATION – SUMMER • 2014

Subject Code: 250005		de: 250005	Date: 13-06-2014	
Subj	ect Na	me: Pharmacology - II		
Time: 10:30 am - 01:30 pm			Total Marks: 80	
Instru	uctions:			
		tempt any five questions.		
		ake suitable assumptions wherever neo gures to the right indicate full marks.	cessary.	
	J. 11	gures to the right mulcate run marks.		
Q.1	(a)	Classify anti anxiety agents. Explain the benzodiazepines	ne pharmacology of	06
	(b)	Give the classification of antiepileptic and Mechanism of action. Write a short not	=	05
	(c)	Write a note on dopamine as neurotran	smitter.	05
Q.2	(a)	Classify drugs used in the treatment of Parkinson's disease. Why Levo dopa is given with carbidopa		
	(b)	Explain the classification of anti depression moclobamide.	ssants. Write in brief about	05
	(c)	Explain the mechanism of action and the a. Clozapine b. Halothane	herapeutic uses of	05
Q.3	(a)	Write a short note on cardiotonics. Wh the treatment of CHF.	y ACE inhibitors are used in	06
	(b)	Give the mechanism of action, theraper of anti anginal drugs nitrates.	utic uses and adverse effects	05
	(c)	Classify anti arrhythmic drugs. Explair sodium channel blockers.	1 'Use dependence property of	05
Q.4	(a)	Give the classification of NSAIDS. Gi inhibitors.	ve the advantage of COX-2	06
	(b)	Explain the mechanism of action of natherapeutic uses of Naloxone.	rcotic analgesic. Give the	05
	(c)	Explain the pharmacology of Theophyl	lline	05
Q.5	(a)	Classify antihypertensive agents.		06
	(b)	Explain the mechanism of action and the a. Sprinolactone b. Atenolol	herapeutic uses of	05
	(c)	Give the classification of hypo-lipidem	nic agents	05
Q. 6	(a)	Classify diuretics. Give the mechanism uses of Thiazides.	of action and therapeutic	06
	(b)	Write a short not on erythropoietin.		05
	(c)	Explain the pharmacology of Warferin		05
Q. 7	(a)	Write a short note on gene therapy		06
	(b)	Write a short note on plasma expander	S.	05

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Write a short note on HMG CoA reductase inhibitors

(c)

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