Seat No.:	Enrolment No.	

## **GUJARAT TECHNOLOGICAL UNIVERSITY**

B.PHARM SEMESTER- VII • EXAMINATION - SUMMER-2016					
Subj	<b>Subject Code: 270006 Date: 13/05</b>				
•		ne: Pharmacology- III			
•	Time: 2:30 PM to 5:30 PM  Total Mark				
Instru					
		t any five questions.			
		uitable assumptions wherever necessary.			
3.	rigures	to the right indicate full marks.			
Q.1	(a)	Explain molecular mechanism of action of cell wall synthesis inhibition in detail.	06		
	(b)	Pharmacology of nitric oxide	05		
	(c)	Classify anti-ulcer drugs and give account on proton pump inhibitors	05		
Q.2	(a)	Classify antineoplastic agents and explain mechanism of action of alkylating agents.	06		
	(b)	Write short note on antithyroid drugs	05		
	(c)	Explain pathophysiology of bronchial asthma. Give brief note on	05		
		any one class of antiashtmatic drugs.			
Q.3	(a)	Classify antiviral drugs and explain HIV cycle	06		
	(b)	Give detailed note on insulin	05		
	(c)	Write down short note on emetics and anti-emetics	05		
<b>Q.4</b>	(a)	Write short note on cephalosporins	06		
	(b)	Explain pharmacology of mineralocorticoids	05		
	(c)	Write short note on immunosuprressive agents	05		
Q.5	(a)	Explain mechanism of action, antibacterial spectrum, pharmacokinetics, therapeutic use, adverse effects and repository preparation of Penicillin-G	06		
	(b)	Write short note on oralhypoglycemic agents	05		
	(c)	Classify antimotility drugs and explain any one in detail.	05		
Q. 6	(a)	Difference between tetracycline and chloramphenicol	06		
	(b)	Classify endocrine glands and their hormones	05		
	(c)	Classify sulfonamides and explain "co-trimoxazole" combination	05		

(c) Give detailed account on estrogens and antiestrogens

of

mechanism

**Q.7** 

(a)

(b)

malarial parasites

Explain

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pharmacokinetics, therapeutic use, adverse effects of streptomycin

Give detailed classification of antimalarial drugs with life cycle of

action,

antibacterial

06

**05** 

**05** 

spectrum,