Seat No.:	Enrolment No
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GUJARAT TECHNOLOGICAL UNIVERSITY DIPLOMA PHARMACY - SEMESTER-II • EXAMINATION-SUMMER • 2014

		DI LOMITIMAMICI SEMESIER II EMMINITOR SOMMER	201
_		ode: 420003 Date: 23-05-201	4
Subj	ect Na	ame: Pharmacology and Toxicology	
Time	: 10:3	30 am - 01:30 pm Total Marks: 8	80
Instru	ctions	:	
	1. A	ttempt any five questions.	
	2. N	Iake suitable assumptions wherever necessary.	
	3. F	igures to the right indicate full marks.	
Q.1	(a)	Enlist the various routes of drug administration. Write a note on	06
Φ. 1	(α)	parenteral route of drug administration.	vv
	(b)	Define Pharmacology. Explain various disciplines of Pharmacology.	05
	(c)	Write a note on enzyme induction and enzyme inhibition.	05
	(0)	write a note on only me induction and only me inmostron.	0.0
Q.2	(a)	Write in detail about mechanism of drug action.	06
	(b)	<u> </u>	
	(c)	Write a note on plasma protein binding of drugs	05
Q.3	(a)	Explain mechanism of action, pharmacological actions and therapeutic	06
		uses of Salicylates.	
	(b)	Classify anti-psychotic drugs and write a note on Chlorpromazine.	05
	(c)	Write pharmacology of morphine.	05
Q.4	(a)	Classify sympathomometics according to mechanism of action. Write	06
٠	(ω)	therapeutic uses of adrenaline.	00
	(b)	Classify diuretics. Write a note on thiazides.	05
	(c)	Classify aminoglycoside antibiotics. Write pharmacology of	05
	(-)	streptomycin.	
		1 7	
Q.5	(a)	Write a note on pharmacology of Digoxin.	06
	(b)	Write pharmacology of ACE inhibitors.	05
	(c)	Classify antianginal agents. Write pharmacology of nitrates.	05
Q. 6	(a)	Write a note on antacids.	06
	(b)	Write in detail about pharmacology of Penicillins.	05
	(c)	Write in detail about pharmacology of sulphonamides.	05
Q.7	(a)	Classify sympatholytics. Write therapeutic uses and adverse effects of	06
Q. 1	(a)	beta- blockers.	vu
	(b)	Define and classify chemotherapy.	05
	(c)	Comment on followings:	05
	(0)	I. Combination therapy is not required in the treatment of	
		tuberculosis.	

II. Amoxicillin is given in combination with clavulanic acid.