Enrolment No.\_\_\_\_\_

## **GUJARAT TECHNOLOGICAL UNIVERSITY** M. Pharm. – SEMESTER – I • EXAMINATION – SUMMER 2013

Subject Code: 910203 Date: 22-05-			
Subj	ect Nar	ne: Advances in Pharmacology	
Time: 10.30 am - 01.30 pm Total Marks: 80			
	uctions:	I I	
	1. Att	tempt any five questions.	
	2. Make suitable assumptions wherever necessary.		
	3. Fig	gures to the right indicate full marks.	
Q.1	(a)	Write a note on Anticholinesterase.	06
	(b)	Justify use of Adrenaline in different cardiac conditions.	05
	(c)	Write therapeutic uses of antimuscaranic agents.	05
Q.2	(a)	Write a note on Alpha-Adrenergic receptor blockers.	06
	(b)	Write about drugs of motion sickness.	05
	(c)	Classify and write pharmacological actions of Ganglion stimulants.	05
Q.3	(a)	Describe the pharmacological actions and therapeutic uses of non depolarizing skeletal muscle relaxants.	06
	(b)	Enlist therapeutic uses of drugs based on 5-HT receptor subtype.	05
	(c)	Describe significance of Polypeptides in pharmacotherapy.	05
	(0)	Deserve significance of rorypeptides in pharmacotherapy.	00
Q.4	(a)	Write about manifestations and advancement in treatment of AIDS.	06
	(b)	Explain pharmacology of Etoposide in treatment of Cancer.	05
	(c)	Describe significance of DOT in tuberculosis.	05
Q.5	(a)	Write mechanism, uses and adverse drug reactions of Sulphonamides.	06
	(b)	Describe treatment of Chloroquine resistant malaria.	05
	(c)	Discuss adverse effects of Tetracyclines.	05
Q. 6	(a)	Describe role of Hormones in Cancer chemotherapy.	06
	(b)	Classify antifungal drugs and write mechanism, kinetics and uses of	05
		Flucanazole.	
	(c)	Write a note on urinary antiseptics.	05
Q.7	(a)	Write a note on multidrug therapy of leprosy.	06
	(b)	Write a note on hypersensitivity reactions.	05
	(c)	Write advances in pharmacotherapy of Swine Flu.	05

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