

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

Subject Code: 910203**Date: 22-05-2013****Subject Name: Advances in Pharmacology****Time: 10.30 am - 01.30 pm****Total Marks: 80****Instructions:**

1. Attempt any five questions.
2. Make suitable assumptions wherever necessary.
3. Figures 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 antimuscarinic 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
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 Flucanazole.	05
	(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
