

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
B. Pharm. – SEMESTER – V • EXAMINATION – WINTER • 2014

Subject Code: 2250005

Date: 05-12-2014

Subject Name: Pharmacology and Pharmacotherapeutics - I

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) Detail on muscarinic receptor types and their M/A.	06
	(b) Discuss pathophysiological role of prostaglandins.	05
	(c) Explain Dale's vasomotor reversal phenomenon.	05
Q.2	(a) Classify sympathomimetics according to their M/A.	06
	(b) Enlist anticholinesterases and their uses.	05
	(c) Discuss organophosphorous poisoning symptoms and its treatment.	05
Q.3	(a) Differentiate between depolarizing and non-depolarising blockers.	06
	(b) Discuss therapeutic uses of propranolol.	05
	(c) Write etiology and management of GERD.	05
Q.4	(a) Discuss pharmacological actions of 5-HT antagonists.	06
	(b) Write etiology of IBD and its treatment.	05
	(c) Write different steps on neurochemical transmission.	05
Q.5	(a) Classify Parasympatholytics & write symptoms of atropine poisoning.	06
	(b) Detail on ganglion blockers.	05
	(c) Detail on emetics and antiemetics.	05
Q. 6	(a) Discuss pharmacotherapeutics of bronchial asthma.	06
	(b) Discuss pathogenesis of peptic ulcer disease.	05
	(c) Explain sympathetic transmission in brief.	05
Q. 7	(a) Discuss treatment of peptic ulcer disease.	06
	(b) Discuss pharmacology of antidiarrhoeal drugs.	05
	(c) Write pharmacological actions of histamine.	05
