

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.**

<b>Q.1</b>	(a) Detail on muscarinic receptor types and their M/A.	<b>06</b>
	(b) Discuss pathophysiological role of prostaglandins.	<b>05</b>
	(c) Explain Dale's vasomotor reversal phenomenon.	<b>05</b>
<b>Q.2</b>	(a) Classify sympathomimetics according to their M/A.	<b>06</b>
	(b) Enlist anticholinesterases and their uses.	<b>05</b>
	(c) Discuss organophosphorous poisoning symptoms and its treatment.	<b>05</b>
<b>Q.3</b>	(a) Differentiate between depolarizing and non-depolarising blockers.	<b>06</b>
	(b) Discuss therapeutic uses of propranolol.	<b>05</b>
	(c) Write etiology and management of GERD.	<b>05</b>
<b>Q.4</b>	(a) Discuss pharmacological actions of 5-HT antagonists.	<b>06</b>
	(b) Write etiology of IBD and its treatment.	<b>05</b>
	(c) Write different steps on neurochemical transmission.	<b>05</b>
<b>Q.5</b>	(a) Classify Parasympatholytics & write symptoms of atropine poisoning.	<b>06</b>
	(b) Detail on ganglion blockers.	<b>05</b>
	(c) Detail on emetics and antiemetics.	<b>05</b>
<b>Q. 6</b>	(a) Discuss pharmacotherapeutics of bronchial asthma.	<b>06</b>
	(b) Discuss pathogenesis of peptic ulcer disease.	<b>05</b>
	(c) Explain sympathetic transmission in brief.	<b>05</b>
<b>Q. 7</b>	(a) Discuss treatment of peptic ulcer disease.	<b>06</b>
	(b) Discuss pharmacology of antidiarrhoeal drugs.	<b>05</b>
	(c) Write pharmacological actions of histamine.	<b>05</b>

\*\*\*\*\*