

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
B. Pharm - SEMESTER-V • EXAMINATION – SUMMER-2018

Subject Code: 2250005**Date: 23/05/2018****Subject Name: Pharmacology & Pharmacotherapeutics-I****Time: 02:30PM TO 05:30PM****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)	Discuss epidemiology, pathophysiology and diagnosis of hepatitis.	06
	(b)	Classify cholinergic agents. Write the therapeutic uses of cholinergic blocking drugs.	05
	(c)	Write pharmacological actions of histamine.	05
Q.2	(a)	Write about organization of ANS along with synthesis and transmission of its neurotransmitters.	06
	(b)	Define and classify local anesthetics. Discuss its general characteristics and mechanism of action.	05
	(c)	Classify laxatives. Write in brief about osmotic and bulk laxatives.	05
Q.3	(a)	Classify parasympatholytics. Write symptoms of atropine poisoning.	06
	(b)	Discuss pathogenesis of peptic ulcer disease.	05
	(c)	Detail on emetics and anti-emetics.	05
Q.4	(a)	Classify Sympathomimetic by different ways. Explain their pharmacological actions.	06
	(b)	Classify Parasympathomimetic drugs. Explain their mechanism of action.	05
	(c)	Write about 5-HT antagonists.	05
Q.5	(a)	Write the difference between COPD and Asthma. Explain management of COPD based on GOLD guidelines.	06
	(b)	Write a short note on expectorants.	05
	(c)	Explain Dale's vasomotor reversal phenomenon.	05
Q.6	(a)	Differentiate between depolarizing and non-depolarizing blockers.	06
	(b)	Write about management and treatment of open-angle glaucoma.	05
	(c)	Discuss pharmacological actions and therapeutic uses of β -receptor blocking agents.	05
Q.7	(a)	Write pathophysiology, risk factors and diagnosis of Asthma.	06
	(b)	Discuss organophosphorous poisoning symptoms and its treatment.	05
	(c)	Write etiology and management of GERD.	05