

GUJARAT TECHNOLOGICAL UNIVERSITY
B.Ph. - SEMESTER- IV • EXAMINATION – WINTER -2022

Subject Code: BP404TP**Date: 29/12/2022****Subject Name: PHARMACOLOGY- 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) Define the term 'Drug'. Enlist various sources of drug.	06
	(b) Explain the pharmacological uses of Acetylcholine.	05
	(c) Describe the different stages of anesthesia.	05
Q.2	(a) Explain merits and demerits of oral route.	06
	(b) Describe the pharmacology of Ethyl alcohol.	05
	(c) Classify parasympathomimetic agents with example. Write a note on Atropine.	05
Q.3	(a) Differentiate between sympathetic and parasympathetic nervous system.	06
	(b) Classify Adverse drug reactions with examples.	05
	(c) Explain the neurotransmitter GABA and serotonin.	05
Q.4	(a) Describe various phases of clinical trial and its importance.	06
	(b) Write a note on drugs used for glaucoma	05
	(c) Write a note on anti-Parkinson drugs.	05
Q.5	(a) Enlist factors affecting parenteral route of drug absorption.	06
	(b) Describe anti-depressant agents.	05
	(c) Write a note on Pharmacovigilance.	05
Q.6	(a) What is receptor? Explain G-protein coupled receptors.	06
	(b) Classify types of epilepsy and antiepileptic drugs.	05
	(c) Explain the role of enzyme in metabolism.	05
Q.7	(a) Describe pharmacology of opioid analgesics.	06
	(b) Write a note on CNS stimulant agents.	05
	(c) What are preanesthetic agents? How they are useful?	05
