

GUJARAT TECHNOLOGICAL UNIVERSITY
B.Pharm - SEMESTER- VI • EXAMINATION – WINTER-2021

Subject Code: 2260005**Date: 01/12/2021****Subject Name: Pharmacology and Pharmacotherapeutics-II****Time: 02:30 PM TO 05:30 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) Explain Gamma amino butyric acid as CNS neurotransmitter.	06
	(b) Write a note on COX-II inhibitors.	05
	(c) Give pathophysiology and treatment of Anxiety.	05
Q.2	(a) Classify General anaesthetics and write about stages of anaesthesia.	06
	(b) Discuss in detail about Pre-anaesthetic medications.	05
	(c) Classify different types of Epilepsy stating their treatments.	05
Q.3	(a) Write a note on methyl alcohol poisoning and its treatment.	06
	(b) Describe pathophysiology of Parkinson's disease and justify the use of L-dopa & carbidopa combination for treatment.	05
	(c) Give pathophysiology and clinical signs & symptoms of Schizophrenia.	05
Q.4	(a) Classify NSAIDs. Explain pharmacological actions of Aspirin	06
	(b) Write a note on pathophysiology and treatment of Rheumatoid arthritis.	05
	(c) Classify CNS stimulants & write a note on Amphetamine.	05
Q.5	(a) Write etiology, clinical manifestations & treatment of Depression.	06
	(b) Discuss in detail about Opioid receptors & its antagonists.	05
	(c) Write a note on Hallucinogens.	05
Q.6	(a) Classify Opioid analgesics. Give pharmacological actions of Morphine.	06
	(b) Describe in detail about pathophysiology and treatment of Alzheimer's disease.	05
	(c) Explain in detail about excitatory neurotransmitter-Glutamate.	05
Q.7	(a) Write a short note on drug dependence & drug abuse.	06
	(b) Classify immunosuppressants and explain pharmacology of Cyclosporine.	05
	(c) Describe in detail about Mania.	05
