

GUJARAT TECHNOLOGICAL UNIVERSITY
B.Pharm - SEMESTER-VI • EXAMINATION – SUMMER -2023

Subject Code: 2260005**Date: 28/06/2023****Subject Name: Pharmacology and Pharmacotherapeutics-II****Time: 10:30 am to 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) | Classify general anesthetic drugs. Discuss the stages of general anesthesia. | 06 |
| | (b) | Describe the pharmacological actions of alcohol. | 05 |
| | (c) | Describe the etiology, pathogenesis and sign-symptoms of schizophrenia. | 05 |
| Q.2 | (a) | Classify opioid analgesics. Discuss about opioid antagonists with reference to opioid receptors. | 06 |
| | (b) | Enlist various types of epilepsy. Discuss the management of Grandmal epilepsy. | 05 |
| | (c) | Write a note on drug dependence and drug abuse. | 05 |
| Q.3 | (a) | Classify DMARDS. Discuss the management of Rheumatoid arthritis. | 06 |
| | (b) | Write a note on methyl alcohol poisoning and its management. | |
| | (c) | Discuss the mechanism and uses of disulfiram and flumazenil. | 05 |
| Q.4 | (a) | Describe the etiology, pathophysiology and management of gout. | 06 |
| | (b) | Classify CNS stimulants. Discuss the mechanism of action and uses of Amphetamine. | 05 |
| | (c) | Discuss the role of neurotransmitters in depression. | 05 |
| Q.5 | (a) | Classify immunosuppressants. Discuss the mechanism of action, uses and adverse effects of Tacrolimus. | 06 |
| | (b) | Write a note on BCG vaccine. | 05 |
| | (c) | Write a note on SSRI. | 05 |
| Q.6 | (a) | Classify NSAIDS. Discuss the mechanism of action, uses and adverse effects of Aspirin. | 06 |
| | (b) | Describe the pathophysiology and management of Alzheimer's disease. | 05 |
| | (c) | Describe the treatment of tobacco addiction. | 05 |
| Q.7 | (a) | Classify antiparkinsonism drugs. Why levodopa is given in combination with carbidopa? | 06 |
| | (b) | Write a note on selective COX-II inhibitors. | 05 |
| | (c) | Describe pharmacological actions of morphine. | 05 |
