

GUJARAT TECHNOLOGICAL UNIVERSITY
B.PHARM.-SEMESTER – 6 • EXAMINATION – SUMMER -2021

Subject Code: 2260005**Date:07/08/2021****Subject Name: Pharmacology & Pharmacotherapeutics-II****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) Write a note on Immunosuppressants. **06**
(b) Write down pathophysiology of depression & Explain about role of SSRI in depression. **05**
(c) Explain the pathophysiology, clinical features and tests for diagnosis of Alzheimer's disease. **05**
- Q.2** (a) Explain GABA as CNS neurotransmitter. **06**
(b) Classify NSAIDs with examples. Explain the pharmacological actions and therapeutic uses of Aspirin. **05**
(c) Write a short note on: Stages of anaesthesia. **05**
- Q.3** (a) Discuss pathophysiology and pharmacotherapeutic management of Schizophrenia. **06**
(b) Write a note on methyl alcohol poisoning and its treatment. **05**
(c) Write briefly on management and treatment of anxiety. **05**
- Q.4** (a) Classify NSAIDS. Explain Mechanism of action, therapeutic uses and adverse effects of Aspirin. **06**
(b) Write a note on Pre-anasthetic medications. **05**
(c) Describe pathophysiology of parkinsonism and justify the use of L-dopa and Carbidopa combination for treatment. **05**
- Q.5** (a) Describe in detail disease modifying anti rheumatic drugs for Rheumatoid Arthritis **06**
(b) Write a note on COX-II inhibitors. **05**
(c) Explain various types of Epilepsy along with its treatment. **05**
- Q.6** (a) Classify immunosuppressive agents. Write the adverse effects and uses of Methotrexate. **06**
(b) Write a short note on: Drug dependance and abuse. **05**
(c) Write a note on dopamine as a CNS neurotransmitter. **05**
- Q.7** (a) Classify CNS stimulant drugs. Explain mechanism of action and therapeutic uses of Amphetamine. **06**
(b) Classify opioid analgesics. Discuss about opioid antagonists with reference to opioid receptors. **05**
(c) Describe Pathogenesis and treatment of Gout. **05**
