

GUJARAT TECHNOLOGICAL UNIVERSITY
B.PHARM - SEMESTER- 6 EXAMINATION – WINTER -2024

Subject Code: 2260005**Date: 19-11-2024****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.

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| Q.1 | (a) Classify general anaesthetic drugs. Write a note on pre-anaesthetic medication. | 06 |
| | (b) Explain dopamine as neurotransmitter. | 05 |
| | (c) Explain various types of epilepsy with their management. | 05 |
| Q.2 | (a) Define Anxiety. Give its etiology and signs and symptoms. Explain the role of Benzodiazepines in treatment of anxiety. | 06 |
| | (b) Write a note on stages of general anaesthesia. | 05 |
| | (c) Describe the pharmacological actions of ethyl alcohol. | 05 |
| Q.3 | (a) Classify NSAIDs. Describe the pharmacology of aspirin. | 06 |
| | (b) Explain drug dependence and drug abuse. | 05 |
| | (c) Write a note on opioid antagonists. | 05 |
| Q.4 | (a) Classify CNS stimulants and explain pharmacology of any one class of it. | 06 |
| | (b) Discuss the positive and negative symptoms of Psychoses or Schizophrenia. | 05 |
| | (c) Write a note on selective COX-II inhibitors. | 05 |
| Q.5 | (a) Discuss pathophysiology, signs and symptoms of Parkinsonism. Why levodopa is given in combination with carbidopa in treatment of Parkinsonism? | 06 |
| | (b) Classify opioid analgesics and explain opioid receptors. | 05 |
| | (c) What is vaccine? Write a note on BCG vaccine. | 05 |
| Q. 6 | (a) Classify DMARDS. Discuss management of rheumatoid arthritis. | 06 |
| | (b) Explain the pathophysiology, clinical features and tests for diagnosis of Alzheimer's disease. | 05 |
| | (c) Discuss the sign-symptoms and treatment of methyl alcohol poisoning. | 05 |
| Q.7 | (a) Discuss the mechanism and uses of Flumazenil, Bupropion and Disulfiram. | 06 |
| | (b) Classify immunosuppressant drugs. Describe the pharmacology of tacrolimus. | 05 |
| | (c) Discuss the pathophysiology and management of gout. | 05 |
