

GUJARAT TECHNOLOGICAL UNIVERSITY
B.PHARM - SEMESTER- 6 EXAMINATION – SUMMER -2020

Subject Code: 2260005**Date:02-11-2020****Subject Name: Pharmacology and Pharmacotherapeutics–II****Time: 10:30 AM TO 1:30 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) Describe the phases of anesthesia. Classify General anesthetic agents. | 06 |
| | (b) Define Anxiety. Discuss about the diagnosis and treatment of anxiety. | 05 |
| | (c) Explain “Drug Dependence”. | 05 |
| Q.2 | (a) Discuss sign-symptoms and treatment of Methanol poisoning. | 06 |
| | (b) Define Immunomodulator. Discuss in detail about cyclosporine. | 05 |
| | (c) Define and classify Hallucinogens. Discuss the pharmacology of any one of it. | 05 |
| Q.3 | (a) Classify Antiepileptics. Discuss management of status epilepticus. | 06 |
| | (b) Discuss the pathophysiology and treatment of Parkinson’s disease. | 05 |
| | (c) What are opioids? Write a note on its pharmacological actions. | 05 |
| Q.4 | (a) Explain in detail Psychoses. Classify antipsychotic agents. | 06 |
| | (b) Write a note on “GABA- A neurotransmitter.” | 05 |
| | (c) Define Pain. Explain the theory of pain pathway. | 05 |
| Q.5 | (a) Classify NSAIDs. Write a note on Aspirin. | 06 |
| | (b) Write a note on CNS stimulants. | 05 |
| | (c) Discuss the pathophysiology, and treatment of Gout. | 05 |
| Q. 6 | (a) Write a note on COX-II inhibitors. | 06 |
| | (b) Discuss about the Alzheimer’s diseases. | 05 |
| | (c) Explain the management of Insomnia. | 05 |
| Q.7 | (a) Discuss about the management and pharmacological treatment of Rheumatoid Arthritis. | 06 |
| | (b) Explain the treatment of alcohol and tobacco addiction. | 05 |
| | (c) Write a note on Shizophrenia. | 05 |
