

Seat No.: \_\_\_\_\_

Enrolment No. \_\_\_\_\_

**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.

- 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 Schizophrenia. **05**

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