

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
B.HARM - SEMESTER– VI• EXAMINATION – WINTER -2022

Subject Code: 2260005

Date: 02/01/2023

Subject Name: Pharmacology and 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) Explain pathophysiology, symptoms and treatment of Rheumatoid arthritis. **06**
(b) Classify and explain different types of Epilepsy with their treatments. **05**
(c) Describe pathophysiology of parkinsonism and justify the use of L-dopa and Carbidopa combination for its treatment. **05**
- Q.2** (a) Classify General anaesthetics. Explain different stages of anesthesia. **06**
(b) Discuss the pharmacological actions and therapeutic uses of Aspirin. **05**
(c) Write a note on GABA (Inhibitory neurotransmitter). **05**
- Q.3** (a) What are opioids? Write a note on its pharmacological actions. **06**
(b) Describe methyl alcohol poisoning and its treatment. **05**
(c) Write a note on CNS stimulants. **05**
- Q.4** (a) Classify NSAIDs with examples. Write a short note on: Selective COX-II inhibitors. **06**
(b) Explain Dopamine as CNS neurotransmitter. **05**
(c) Write a short note on: Pre- anaesthetic medications. **05**
- Q.5** (a) Discuss pathophysiology and pharmacotherapeutic management of Depression. **06**
(b) Explain the pathophysiology and clinical features of Alzheimer's disease. **05**
(c) Write a note on Anxiety. **05**
- Q.6** (a) Classify immunosuppressants and explain pharmacology of Cyclosporine. **06**
(b) Write a short note on: Drug dependance and abuse. **05**
(c) Explain pathophysiology and clinical signs & symptoms of Schizophrenia. **05**
- Q.7** (a) Discuss about opioid receptors and opioid antagonists. **06**
(b) Explain pathophysiology and treatment of Gout. **05**
(c) Write a note on Vaccine and Sera. **05**
