

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
B. Pharm. – SEMESTER – VI • EXAMINATION – WINTER • 2016

Subject Code: 2260005

Date: 25-10-2016

Subject Name: Pharmacology and Pharmacotherapeutics-II

Time: 02:30 pm - 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.**

- Q.1** (a) Enlist inhibitory neurotransmitters in CNS. Write in detail about any one. **06**
(b) Explain in brief about various stages of general anaesthesia. **05**
(c) Write a note on CNS stimulants. **05**
- Q.2** (a) Classify NSAIDs with examples. Explain therapeutic uses of Aspirin. **06**
(b) Explain in brief about opioid antagonist. **05**
(c) Write a note on Glutamate as a central neurotransmitter. **05**
- Q.3** (a) Classify opioid analgesics. Describe pharmacology of Morphine in detail. **06**
(b) Write a note on methyl alcohol poisoning. Explain how ethyl alcohol is used in methyl alcohol poisoning. **05**
(c) Write a note on pathophysiology and treatment of Gout. **05**
- Q.4** (a) Enumerate affective disorders. Explain in brief about clinical manifestation, diagnosis and treatment of depression. **06**
(b) Discuss diagnosis and management of Rheumatoid arthritis **05**
(c) Write a note on immunostimulants. **05**
- Q.5** (a) Classify epilepsy. Mention drug of choice for each type. **06**
(b) Discuss etiology and pathophysiology of Parkinsonism in detail. **05**
(c) Write a note on treatment of insomnia. **05**
- Q.6** (a) Classify immunosuppressants. Write mechanism of action and adverse effects of ciclosporin. **06**
(b) Discuss types, symptoms and treatment of anxiety. **05**
(c) Write a short note on drug dependence and drug abuse. **05**
- Q.7** (a) Give comment on following: **06**
i. Levodopa and Carbidopa is used in combination for treatment of Parkinson's disease.
ii. Disulfiram is used as antabuse for alcohol.
iii. Atropine is used as preanaesthetic medication.
(b) Explain pathophysiology and treatment of schizophrenia. **05**
(c) Write in detail about symptoms, stages and new treatment trends in Alzheimer's disease. **05**
