

GUJARAT TECHNOLOGICAL UNIVERSITY
B.PHARM - SEMESTER- 4 EXAMINATION – SUMMER -2019

Subject Code: BP404TP**Date: 15-05-2019****Subject Name: Pharmacology I****Time: 10:30 AM TO 01:30 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) What is Epilepsy? Discuss classification of Anti-epileptic drugs. **06**
(b) Write about pre- anaesthetics medications in details. **05**
(c) Write down short note on Anti-Parkinson agents. **05**
- Q.2** (a) Define dependence. Write down factors involved in the development of drug dependence. **06**
(b) Write down factors affecting the absorptions of drugs. **05**
(c) Write a note on Neuromuscular blocking agents. **05**
- Q.3** (a) Write about various parenteral routes of administration. **06**
(b) Write down causes and treatments Alzheimer's disease. **05**
(c) Write down pharmacological actions of Morphine. **05**
- Q.4** (a) Define Local anaesthetics. Discuss the classification of local anaesthetics. **06**
(b) Write down classification of receptors. **05**
(c) Explain drug abuse and drug addiction in details. **05**
- Q.5** (a) Write cause of drug interactions. Discuss Pharmacodynamics drug interactions. **06**
(b) Define Drugs. Discuss sources of Drugs. **05**
(c) Discuss pharmacologic actions of Alcohols. Discuss treatment of Alcohol addiction. **05**
- Q. 6** (a) Classification of Sympathomimetics. Write therapeutic uses of Sympathomimetics. **06**
(b) Write about pharmacovigilance in details. **05**
(c) Explain dose response relationship and therapeutic index in briefs. **05**
- Q.7** (a) Write down pharmacology and therapeutic uses of Cholinergic drugs. **06**
(b) Write down various phases of clinical trials. **05**
(c) Discuss competitive and noncompetitive antagonism with suitable examples. **05**
