

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.

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|-------------|---|-----------|
| 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 |
