

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

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

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**B.PHARM - SEMESTER- 5 EXAMINATION – SUMMER -2019**

**Subject Code: 250005****Date: 06-06-2019****Subject Name: Pharmacology - II****Time: 02:30 PM TO 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) Classify antipsychotic agents. Why atypical antipsychotic agents are preferred over typical antipsychotic agents? **06**
- (b) Classify antiepileptic agents. Give therapeutic uses and adverse effects of Phenytoin. **05**
- (c) Write short note on morphine poisoning and its treatment. **05**
- Q.2** (a) Write a note on SSRIs. **06**
- (b) Explain different stages of general anaesthesia. **05**
- (c) Classify drugs used in Parkinsonism. Discuss the pharmacology of levodopa. **05**
- Q.3** (a) Classify hypnotics and sedatives. Write pharmacology of barbiturates. **06**
- (b) Classify NSAIDs. Write note on Aspirin **05**
- (c) Write a note on drug abuse & drug dependence. **05**
- Q.4** (a) Classify the antihypertensive agents. **06**
- (b) Give the mechanism of action, therapeutic uses and adverse effects of statins. **05**
- (c) Write a short note on potassium sparing diuretics. **05**
- Q.5** (a) Classify the Antiarrhythmic drugs. Describe the pharmacology of class I drugs. **06**
- (b) Give the mechanism of action, therapeutic uses and adverse effects of nitroglycerin. **05**
- (c) Describe the pharmacology of digoxin. **05**
- Q. 6** (a) Classify antiplatelet agents. Discuss about GP-IIb/IIIa receptor antagonist. **06**
- (b) Define haematinics. Write a short note on erythropoietin. **05**
- (c) Write a short note on plasma volume expanders. **05**
- Q.7** (a) Write a note on gene therapy. **06**
- (b) Write a note on CNS stimulants. **05**
- (c) Define neurotransmitters and write a short note on GABA. **05**

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