

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
B.PHARM – SEMESTER – 5- EXAMINATION –WINTER - 2018

Subject Code:250005**Date: 01/12/2018****Subject Name: Pharmacology - II****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) Write a short note on Glutamate neurotransmitter. | 06 |
| | (b) Explain different stages of general anesthesia. | 05 |
| | (c) Short note in pharmacology of ethyl alcohol. | 05 |
| Q.2 | (a) Classify sedatives and hypnotics and explain barbiturates. | 06 |
| | (b) Classify anti psychotics and explain pharmacology of any one class. | 05 |
| | (c) Classify anti epileptic drugs and give types of epilepsy. | 05 |
| Q.3 | (a) Write a short note on benzodiazopines. | 06 |
| | (b) Write pharmacology of levodopa. | 05 |
| | (c) Classify NSAIDS | 05 |
| Q.4 | (a) Give detailed account on opioid peptides. | 06 |
| | (b) Explain pharmacology of any one class from CNC stimulants. | 05 |
| | (c) Short note on drug abuse. | 05 |
| Q.5 | (a) Discuss pharmacology of cardiac glycosides. | 06 |
| | (b) Classify antihypertensive drugs. | 05 |
| | (c) Short note on nitrates used in angina. | 05 |
| Q. 6 | (a) Discuss plasma expanders. | 06 |
| | (b) Explain about thiazide diuretics. | 05 |
| | (c) Short note HMG CoA Reductase inhibitors. | 05 |
| Q.7 | (a) Short note on thrombosis. | 06 |
| | (b) Explain hematinics. | 05 |
| | (c) Short note on gene therapy. | 05 |
