

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

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

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**B.PHARM - SEMESTER- 6 EXAMINATION – SUMMER -2019**

**Subject Code: 2260005****Date: 16-05-2019****Subject Name: Pharmacology and Pharmacotherapeutics-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.

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|-------------|--|-----------|
| <b>Q.1</b>  | (a) Classify transmitters in CNS and explain about glutamate.                | <b>06</b> |
|             | (b) Write about stages of general anesthesia with diagram.                   | <b>05</b> |
|             | (c) Short note on methyl alcohol poisoning and treatment.                    | <b>05</b> |
| <b>Q.2</b>  | (a) Classify CNS stimulants and explain pharmacology of any one class of it. | <b>06</b> |
|             | (b) Classify NSAIDS and explain salicylates.                                 | <b>05</b> |
|             | (c) Classify opioid analgesics and explain opioid receptors.                 | <b>05</b> |
| <b>Q.3</b>  | (a) Write a short note on gout.  | <b>06</b> |
|             | (b) Give detailed account on GABA.   | <b>05</b> |
|             | (c) Write a short note on immunosuppressants.                                | <b>05</b> |
| <b>Q.4</b>  | (a) Explain rheumatoid arthritis.  | <b>06</b> |
|             | (b) Discuss about drug tolerance.  | <b>05</b> |
|             | (c) Describe pathophysiology and treatment of parkinsonism.                  | <b>05</b> |
| <b>Q.5</b>  | (a) Write a short note on epilepsy.  | <b>06</b> |
|             | (b) Explain drug abuse.  | <b>05</b> |
|             | (c) Discuss inhalation anesthetics.  | <b>05</b> |
| <b>Q. 6</b> | (a) Write synthesis and pharmacology of prostaglandins.                      | <b>06</b> |
|             | (b) Describe depression or mania.  | <b>05</b> |
|             | (c) Discuss anxiety.   | <b>05</b> |
| <b>Q.7</b>  | (a) Write a short note on pharmacology of COX-II inhibitors.                 | <b>06</b> |
|             | (b) Write a short note on immunostimulants.                                  | <b>05</b> |
|             | (c) Discuss pharmacology of Dopamine as neurotransmitter.                    | <b>05</b> |

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