

**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.

<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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