

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
B.Pharm - SEMESTER-VI • EXAMINATION-SUMMER-2017

Subject Code: 2260005

Date: 08/05/2017

Subject Name: Pharmacology & Pharmacotherapeutics-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.

Q.1	(a)	Classify General anesthetics and describe its stages and mechanism	06
	(b)	Discuss pharmacological actions of Alcohol	05
	(c)	Describe pharmacological actions and therapeutic uses of Morphine	05
Q.2	(a)	Classify NSAIDs and Discuss the pharmacology of Paracetamol	06
	(b)	Describe in detail pathophysiology of Rheumatoid Arthritis	05
	(c)	Discuss management of Epilepsy	05
Q.3	(a)	Describe etiology and pathophysiology of Alzheimer's disease	06
	(b)	Classify CNS Stimulants. Describe pharmacology of Caffeine	05
	(c)	Describe in detail various types of depression and outline its management	05
Q.4	(a)	Classify immunosuppressants and write a note on Cyclosporin	06
	(b)	Write a note on Hallucinogens	05
	(c)	Discuss etiology and management of Gout	05
Q.5	(a)	Discuss etiology, clinical manifestations and diagnosis of Psychosis	06
	(b)	Write a note on dopamine neurotransmitter	05
	(c)	Describe sign and symptoms and pathophysiology of Parkinsonism	05
Q.6	(a)	Write a note on bacterial vaccines	06
	(b)	Describe sign and symptoms of Mania and discuss Lithium in detail	05
	(c)	Write a note on alcohol and tobacco Addiction	05
Q.7	(a)	Describe in detail pharmacology of benzodiazepines.	06
	(b)	Describe etiology and management of Insomnia	05
	(c)	Discuss mechanism of tolerance development with examples	05
