

GUJARAT TECHNOLOGICAL UNIVERSITY

B.PHARM. - SEMESTER- V • EXAMINATION – SUMMER-2016

Subject Code: 250005

Date: 10/05/2016

Subject Name: Pharmacology - II

Time: 2:30 PM to 5:30 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 diuretic agents. Discuss in detail about thiazide diuretics.	06
	(b)	Define angina pectoris. Write the pharmacology of glyceryl trinitrate.	05
	(c)	Discuss rationale use of ethyl alcohol in methyl alcohol poisoning.	05
Q.2	(a)	Classify cardiotonic drugs. Describe the pharmacology of cardiac glycosides.	06
	(b)	Write a note on ACE inhibitors.	05
	(c)	Write in detail about SSRIs.	05
Q.3	(a)	Classify antiarrhythmic agents. Discuss the pharmacology of quinidine.	06
	(b)	Write a note on CCBs.	05
	(c)	Explain the mechanism of action and therapeutic uses of following: 1. Morphine 2. Naloxone	05
Q.4	(a)	Classify antiepileptic drugs. Write the pharmacology of phenytoin.	06
	(b)	Write a note on CNS stimulants.	05
	(c)	Define general anesthetics. Explain various stages of general anesthesia.	05
Q.5	(a)	Classify NSAIDs. Write the pharmacology of selective COX-2 inhibitors.	06
	(b)	Define parkinsonism. Describe briefly about levodopa.	05
	(c)	Discuss pharmacology of anti-platelets agents.	05
Q. 6	(a)	Write briefly on gene based therapy.	06
	(b)	Write a note on drug abuse.	05
	(c)	Classify neuroleptics agents. Discuss the pharmacology of chlorpromazine.	05
Q.7	(a)	Classify anticoagulants. Write pharmacology of oral anticoagulants.	06
	(b)	Write a note on Barbiturates.	05
	(c)	Write a note on Statins.	05
