

Enrollment No: _____

Exam Seat No: _____

C.U.SHAH UNIVERSITY

Summer Examination-2017

Subject Name: Pharmaceutical Chemistry – V (Medicinal Chemistry - II)

Subject Code: 4PS05PCH5

Branch: B.Pharm

Semester: 5

Date: 24/03/2017

Time: 02:30 To 05:30

Marks: 70

Instructions:

- (1) Use of Programmable calculator & any other electronic instrument is prohibited.
- (2) Instructions written on main answer book are strictly to be obeyed.
- (3) Draw neat diagrams and figures (if necessary) at right places.
- (4) Assume suitable data if needed.

Q-1	Attempt the following questions.	(14)
	a) Write two examples of cholinergic agonists.	1
	b) Write the structure of acetylcholine.	1
	c) Write the use of bethanicol.	1
	d) Define tranquilizers.	1
	e) Give two examples of Antiepileptic drugs.	1
	f) Give two examples of tricyclic antidepressants.	1
	g) Give two examples Neuromuscular blocking agents.	1
	h) Write the use of Salbutamol.	1
	i) Write the structure of Ephedrine.	1
	j) Write the structure of Diclofenac.	1
	k) Give two examples of Muscarinic agonists.	1
	l) Give two examples of hypnotics.	1
	m) Give two examples of acetyl cholinesterase inhibitors.	1
	n) Write the use of physostigmine.	1

Attempt any four questions from Q-2 to Q-8

Q-2	Attempt all questions	(14)
	A Classify Parasympathomimetics. Write the SAR of Parasympathomimetics.	7
	B Write the Synthesis of Neostigmine and Dicyclomine.	7
Q-3	Attempt all questions	(14)
	A Define Sympathomimetic. Write the SAR of β -Phenylethanolamines.	7
	B Write the Synthesis of Isoprenaline and Salbutamol.	7
Q-4	Attempt all questions	(14)
	A Write in detail about Alzheimer's disease and Cognition enhancers.	7
	B Write the Synthesis of Atenolol and Allopurinol.	7



