Enrollment 1	No:	Exam Seat No:	
		UNIVERSITY	
	Summer Ex	amination-2019	
Subject Nam	ne : Medicinal Chemistry I - Th	neory	
Subject Cod	e : BP402T	Branch: B.Pharm	
Semester: 4	Date: 18/04/2019	Time: 02:30 To 05:30	Marks: 75
(2) Instr (3) Draw	of Programmable calculator & ar uctions written on main answer by neat diagrams and figures (if needed.		rohibited.
Q-1	Attempt the following question	ns:	(20)
c) d) e) f) g) h) i)	Define NSAIDs Define epilepsy Define Hydrogen Bonding Define Bio isosterism. Name the cholinesterase reactiv Draw the structure of Dopamine Draw the structure of Atenolol Draw the structure of Terbutalin Draw the structure of Haloperic 2,4,6-trioxo hexahydro pyrimid following questions:	e ne	2 2 2 2 2 2 2 2 2 2 2 2
Q-2	Attempt any two of following	:	(20)
A	Give structure and use of the fo	llowing	10
D	Naphazoline, labetolol, bitolterol		10
В С	Define adrenergic blocker. Disc Explain physiochemical parame	cuss the SAR of B-blocker eter in relation to biological action	10 10

Q-2 Attempt any two of fo		Attempt any two of following:	(20)
•	$\mathbf{A}$	Give structure and use of the following	10
		Naphazoline,labetolol,bitolterol,Bethanechol,Indomethacin,	
	В	Define adrenergic blocker. Discuss the SAR of B-blocker	10
	C	Explain physiochemical parameter in relation to biological action	10
Q-3		Attempt any Seven of following:	(35)
_	$\mathbf{A}$	Explain biosynthesis of Acetylcholine	5
	В	Explain the SAR of Benzodiazepines.	5
	$\mathbf{C}$	Write down synthesis and use of salbutamol.	5
	D	Write down synthesis and use of phenylephrine.	5
	$\mathbf{E}$	Write a note on Solaneous alkaloids.	5
	$\mathbf{F}$	Write a note on Anticonvulsant	5
	G	Write a note on sedative & hypnotics.	5
	H	Explain Antipsychotics with its mechanism of action.	5
	I	Write a note on adrenergic receptor & their distribution	5

