



**SHREE H.N.SHUKLA INSTITUTE OF PHARMACEUTICAL
EDUCATION AND RESEARCH, RAJKOT**



B.PHARM SEMESTER-IV, INTERNAL EXAM (2023-24)

Subject code: BP402TP		Date: 17/05/2023
Sub: Medicinal chemistry-I		Total Marks: 20
Time: 10:30AM TO 11:30AM		Enroll. No:
Write in detail: (ATTEMPT ANY FOUR)		
Q.1	Explain in detail structure activity relationship of beta blockers.	(5)
Q.2	Explain biosynthesis & catabolism of catecholamines.	(5)
Q.3	Give synthesis of Salbutamol and Dicyclomine hydrochloride	(5)
Q.4	Write a breif note on Parasympatholytic agents.	(5)
Q.5	Discuss protein binding & hydrogen bonding along with its biological importance.	(5)