



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



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

Subject code: BP303TP		Date: 04/12/2023
Sub: Biochemistry		Total Marks: 20
Time: 10:30AM TO 11:30AM		Enroll. No:
Write in detail: (ATTEMPT ANY FOUR)		
Q.1	Define Carbohydrate. Discuss Classification and Biological roles of Carbohydrate	(5)
Q.2	Write about concept of free energy. Discuss endergonic and exergonic reaction	(5)
Q.3	Write about enzyme inhibitors with suitable examples	(5)
Q.4	Describe in detail transamination and deamination reactions for amino acids metabolism	(5)
Q.5	Write a note on HMP shunt and its significance	(5)