



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



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

| | | |
|---|---|-------------------------|
| Subject code: BP604TT | | Date: 13/03/2024 |
| Sub: Biopharmaceutics and pharmacokinetics | | Total Marks: 20 |
| Time: 10:00AM TO 11:00AM | | Enroll. No: |
| Write in detail: (ATTEMPT ANY FOUR) | | |
| Q.1 | Explain briefly about different mechanism of drug absorption. | (5) |
| Q.2 | Write a short note on IVIVC | (5) |
| Q.3 | Discuss clinical significance of protein binding of drug | (5) |
| Q.4 | Write a note on methods to enhance bioavailability through enhancement of dissolution rate | (5) |
| Q.5 | Explain in detail one compartment open model for I.V bolus administration | (5) |