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Assignment-9
B. Pharm 6th Semester
Subject: Biopharmaceutics and Pharmacokinetics (BP-604T)

Fill in the blank:

1. ----- is the mechanism of absorption of drug occurs along the concentration gradient.
2. ----- is the absorption of drugs takes from higher to lower concentration mediated with carriers.
3. ----- equation is used to explain kinetics of carrier mediated transport.
4. Electrolytes absorb by ----- transport.
5. Vesicular transport of drugs comprises of ----- and -----.

Short questions (2 marks)

Q1: Define dissolution. Enlist theories of dissolution.

Q2: Define pseudopolymorphism. Give example.

Q3: What is facilitated diffusion?

Q4: Enlist limitations of pH partition hypothesis.

Q5: Give two examples where complexation has been used to enhance drug bioavailability.