

Group-B
(Short Answer Type Questions)

5 x 7=35

2. Discuss in detail about protein binding and its significance. (5)
3. Explain various non-renal routes of excretion. (5)
4. Define bioavailability. Explain the objectives of bioavailability studies. (5)
5. With a neat diagram, describe the drug absorption through blood brain barrier. (5)
6. Describe in detail about various physico-chemical factors affecting drug absorption. (5)
7. Explain the apparent zero order kinetics. (5)

OR

8. Explain the parameters used in adjustment of dosage regimen. (5)
8. Explain the criteria for obtaining valid urinary excretion data. (5)

OR

- Correlate loading dose and maintenance dose. (5)

Group-C
(Long Answer Type Questions)

10 x 2=20

9. Explain the process of renal excretion of drugs. (10)
10. Explain the process, how bioavailability can be demonstrated in vitro. (10)

OR

- Explain the different methods for enhancing bio-availability of drugs. (10)

Pharmaceutical Technology