

- advantages and disadvantages of the compartment model. (7)
- Q-7** b. Discuss pharmacokinetic drug interactions in detail. (7)
- Attempt all questions** (14)
- a. Explain the term “renal clearance”. Describe graphical method for determination of renal clearance. (7)
- b. Discuss Wagner- Nelson and Loo-Riegelman method. (7)
- Q-8** **Attempt all questions** (14)
- a. Explain how one can detect nonlinear pharmacokinetics? Explain Michaelis Menten equation for capacity limited process. (7)
- b. Define Clinical Pharmacokinetics and describe its scope. (7)

