

35171 : Biopharmaceutics - II : T-6.5

P. Pages : 1

Time : Three Hours



AW - 2317

Max. Marks : 60

- Notes :
1. All question carry equal marks.
 2. Answer **any five** questions.
 3. Illustrate your answer necessary with the help of neat sketches.
 4. Use of pen Blue/Black ink/refill only for writing the answer book.

1. Discuss non – linear pharmacokinetics in details. 12
2. Give details of Area under curve and discuss methods of it's estimation. 12
3. What do you mean by multiple dose regimens. Add a note on drug accumulation in the body. 12
4. Which are the different factors affecting clinical response. 12
5. a) Discuss various drug interactions in absorption and distribution process. 6
b) Write about the estimation of elimination half life from urine data. 6
6. Describe one compartment open model for IV bolus injection. 12
7. Write short notes on **any two**. 12
 - a) Absorption rate constant.
 - b) Clearance.
 - c) Volume of distribution.
