

Roll No.

Total No. of Pages : 01

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M.Pharmacy (Pharmaceutics) (Sem.-2)

ADVANCED BIOPHARMACEUTICS & PHARMACOKINETICS

Subject Code : MPH-202T

M.Code : 74962

Date of Examination : 14-12-22

Time : 3 Hrs.

Max. Marks: 75

INSTRUCTIONS TO CANDIDATES :

1. Attempt any FIVE questions out of SIX questions.
2. Each question carries FIFTEEN marks.

1. Elaborate upon the factor affecting dissolution rate. Discuss Noyes Whitney equation for drug dissolution.
2.
 - a) Write a note on IVIVC.
 - b) Write a note on Suspension as a dosage form for gastrointestinal absorption.
3.
 - a) Discuss Michaelis Menten equation.
 - b) Effect of protein binding on drug dissolution in vivo.
4.
 - a) Write a note on BCS system.
 - b) What do you understand by cross over design?
5.
 - a) Write a note on biosimilar drug products.
 - b) What do you understand by bioequivalence studies?
6.
 - a) Discuss any targeted drug delivery system in detail.
 - b) Write a note on formulation of sustained release tablet.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.