Roll No. Total No. of Pages: 01

Total No. of Questions: 07

M.Sc. (Clinical Research) EL-II (2018 Batch) (Sem.-1)

PHARMACOKINETICS
Subject Code: MSCR-114-18

M.Code: 75614

Time: 2 Hrs. Max. Marks: 35

## **INSTRUCTIONS TO CANDIDATES:**

- 1. SECTION-A is COMPULSORY consisting of FIVE questions carrying ONE mark each.
- 2. SECTION-B contains THREE questions carrying FIVE marks each and students have to attempt any TWO questions.
- 3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

#### **SECTION-A**

# 1. Write briefly:

- a) Define Bioavailability.
- b. Define Zero Order Kinetics
- c) Write a Michales Menton's equation.
- d) Define Solubility.
- e) Define AUC.

## **SECTION-B**

- 2. Differentiate between absolute and relative bioavailability
- 3. Write a note on plasma protein binding of drug.
- 4. What are the various sites of drug metabolism in the body?

### **SECTION-C**

- 5. What are the various methods to assess bioavailability?
- 6. Discuss the various Pharmacokinetic parameters and their relevance.
- 7. Give possible reasons of non linearity in pharmacokinetics.

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.

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