

Examination: Master in Pharmacy First Year First Semester EXAM 2024
Subject: **Pharmacological and Toxicological Screening Methods - I**

Ref. No.: Ex/MPL103T/2024

Time: 03 hrs

Full Marks: 75

Answer all the questions

Section A (25 marks)

Q1) Explain the experimental procedure for detection of blood pressure using Condon's manometer. (12)

Q2) Explain the experimental procedure for detection of pro-arrhythmic potential of a drug using laboratory animals. (13)

Section B (25 marks)

Q3) Write down main objectives of drugs development. Illustrate the different phases of clinical trial. (10)

Q4) Write notes on (any one) (15)

a) Preclinical screening of anti-inflammatory and analgesic drugs.

b) Preclinical screening of hepato-protective drugs.

Section C (25 marks)

Q5) Explain briefly the principles of CPCSEA. (10)

Q6) Discuss briefly the objectives and functions of CPCSEA. (10)

Q7) Answer any one of the following: (5)

a) Describe briefly the functions of the IAEC.

OR

b) Discuss about the minimum qualification required for the members of IAEC.