

Examination: Master in Pharmacy First Year Second Semester EXAM 2024
Subject: PHARMACOLOGICAL AND TOXICOLOGICAL SCREENING METHODS II

Ref. No.: Ex/MPL202T/2024

Time: 03 hrs Full Marks: 75

GROUP – A (25 Marks)

- Q1)** a) Mention the 06 Step methods of EKG interpretation.
b) Explain how Heart Beat is calculated from ECG for Regular and Irregular Rhythm. (4+5=9)
- Q2)** What is value for Normal Axis of heart? Explain how LAD, RAD and Extreme Axis Deviation are determined from ECG (16)

GROUP – B (25 Marks)

- Q3)** Write down the main objectives of the preclinical screening. Briefly discuss about anti-diarrhoeal drug screening. (10)
- Q4)** Write down the Screening procedure of the following (*any two*): (15)
- a) Hepato-protective agents.
 - b) Anti-ulcer drug.
 - c) Anti-asthmatic drug.
 - d) Anti-diabetic agent.

GROUP – C (25 Marks)

Answer any one

- Q5)** Discuss the protocols related to determination of LD50. (25)
- Or
- Q6)** Discuss briefly about the key highlights of (*any two*): (2 x 12.5=25)
- a) GHS classification
 - b) OECD 423 guidelines
 - c) OECD 420 guidelines