

**Time - 3 Hour****MM-50**

The question paper contains one printed page. All questions compulsory although Q2 & Q4 have internal choices.

Section A
(25 Marks)

- Q. 1.** Briefly explain the various route of administration used for administering drugs. Cite relevant examples in support of your answer. **(10 marks)**
- Q2.** Write a note on **ANY THREE**. Support your answer with examples and labelled diagrams **(05 marks x 3= 15 marks).**
- A. Mechanism of action of caffeine
 - B. Mechanism of action of Opioid drugs
 - C. Antidepressant drugs
 - D. Antiparkinsonian drugs
 - E. Pharmacokinetics of drugs

Section B
(25 Marks)

- Q.3.** Describe about Arrhythmia and its management of with its classification and example. **(10 marks)**
- Q.4.** Describe about (any three): **(5 marks X 3 question= 15)**
- A. Management of Type-II diabetes mellitus
 - B. management of thyroid
 - C. Immunosuppressant drugs
 - D. Management of CHF
 - E. Classification of Antimicrobial drugs