

UNIT-IV: Multicompartment Models and Multiple Dosing

Elaborate on (10 Marks):

- Give brief summary on **kinetics of multiple dosing** [4].

Write Notes on (5 Marks):

- Explain **steady state drug level** [9, 10].
- Explain **two compartment model** [3, 9].
- Explain the **steady state drug levels and calculation of loading doses** [6].
- **Loading and maintenance doses** [7].

Short Answers on (2 Marks):

- **Loading dose** [2].
- **Multi dose** [12].
- **Two compartment model** [10].
- **Steady state concentration** [13].
- **Maintenance dose** [13].