**DPT 4th**

**Course Title: Pharmacology I**

**Student Name:**

**Student ID:**

**Note:**

* **Paper is divided into three questions**
* **Each question carry equal marks (10) with grand total of 30 marks**
* **Each question is composed of specific parts, pay attention to each part of question or otherwise it will lead to mark deduction**
* **Avoid copy paste from slides, your answer may got canceled if it found a total copy**

1. Define drug distribution, explain various factors on which drug distribution depends.
2. Enumerate various drug receptors families, explain the mechanism of receptor that activates inside the cell.
3. Define drug metabolism, explain the metabolism kinetics and its various phases.