**Sardar Bhagwan Singh University, Dehradun**

**School of Pharmaceutical Sciences & Technology**

**B.Pharm. 8th Semester (PHR805E)**

**Subject: Novel Drug Delivery System**

**Online Assignment 10**

**Total Marks: 30 Submission Time: 3rd June; 23:59 pm**

Instructions: Maintain a hardcopy of this assignment with you. It will be required to be submitted when classes will resume in the University.

**SHORT QUESTIONS (5 MARKS EACH)**

1. Describe super critical fluid methods for preparing nanoparticles.
2. Give vital components of targeted drug delivery systems.
3. What are different ideal characters which the carriers should possess for targeting of drugs?
4. Classify ligands and discuss some ligands for their use in active targeting of drugs?
5. Elaborate on the role of particle size in enhanced permeability and retention of nanoparticles.
6. Discuss some approaches of physical targeting of drugs.