**Sardar Bhagwan Singh University, Dehradun**

**School of Pharmaceutical Sciences & Technology**

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

**Subject: Novel Drug Delivery System**

**Online Assignment 8**

**Total Marks: 30 Submission Time: 20th May; 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. Give rationale for developing controlled drug delivery systems.
2. Enlist several advantages of pharmacosomes.
3. Describe in brief a polymer system, developed by Prof. Langer, that provided a slow and constant release of an anti-angiogenesis factor?.
4. Give a brief account on materials used in drug delivery and medical devices.
5. Discuss the role of externally controlled microchips for drug delivery.
6. Describe some pump systems for delivering drugs.