**Sardar Bhagwan Singh University**

**Balawala Dehradun**

**UK**

**Class:** B.Pharm, IInd yr, IVth Sem. **Sub:**Physical Pharmaceutics(BP403T)

**Paper –VI**

**1. Note:** Attempt **all** questions.

1. Visible and U.V rays of sunlight cause photolysis. True/false.
2. What is zero order reaction?
3. What is pseudo first order reaction?
4. Define dielectric constant.
5. Define stokes law.

2**. Short answer on the following**

1. Controlled flocculation
2. Discuss the stability of suspension.

**3.Long answer on the following**

1. Photolysis degradation and its prevention
2. Accelerated stability studies and determination of K25