**M. Pharm 1st Semester Examination**

**Subject- Advanced Medicinal Chemistry (MPCI03T)**

 **Full Marks- 75 Time – 3 hours**

 **Answer any five questions:**

**1. Describe the basic concept of prodrug. Give a brief description**

**on carrier linked prodrug. (15)**

**2. Discuss the SAR, mechanism of action of Anticonvulsant drugs with examples. (15)**

**3. Design a brief description on chemistry of Leukotrienes and Thromboxones. (15)**

**4. Explain drug discovery Discuss various stages of drug**

**discovery. (15)**

**5. Explain the effect of Enantiomers on drug absorption distribution, metabolism and elimination. (15)**

**6. Discuss SAR, Mechanism of action synthesis of H1 and H2 Receptor Antagonists. (15)**

**7. Explain therapeutic values of Peptidomimetics and write the chemistry of Prostaglandins. (15)**