**M. Pharm 1st Semester Examination**

**Subject- Industrial Pharmacognostical Technology (MPGI04T)**

**Full Marks- 75 Time – 3 hours**

**Answer any five questions:**

**1. Describe the general infrastructure of herbal drug industry involved in production of various dosage forms. Discuss the industrial production of herbal extracts. (15)**

**2. Discuss the general parameters of monographs of herbal drugs depicted in USP, British Herbal Pharmacopoeia and Ayurvedic Pharmacopoeia. (15)**

**3. Discuss the protocols of clinical laboratory testing of herbal medicines. (15)**

**4. Give a comparative study of Indian and International patent Laws. Discuss the proposed amendments of patent Laws applicable to herbal drugs and natural products. (15)**

**5. Write note on Followings. (7.5x2=15)**

**(a) Global marketing management of herbal drugs.**

**(b) Who guidelines in quality assessment of herbal drugs.**

**6. Write short-note on Followings. (5x3=15)**

**(a) TRIPS**

**(b) TQM**

**(c) GMP**

**7. Write a short-note on Followings. (5x3=15)**

**(a) Copyright**

**(b) Novelty**

**(c) Patent search and literature**