

**FACULTY OF PHARMACY**

**M. Pharmacy (Pharmacognosy) I – Semester (PCI) (Main & Backlog) Examination,  
February 2019**

**Subject: Industrial Pharmacognostical Technology**

**Time: 3 Hrs**

**Max.Marks: 75**

**Note: Answer any five questions. All questions carry equal marks.**

- 1 Describe the problems in standardization of herbal drugs. Explain the WHO guidelines in quality assessment of herbal drugs. 15
- 2 Give an informative note on: 7+8
  - a) EXIM policy
  - b) Stability testing of natural products
- 3
  - a) Describe the definition, objective and benefits of patent act. 5+10
  - b) Explain the process of patent filling in India.
- 4
  - a) Write the objective, advantages, and procedures of copyright act. 10+5
  - b) Give an informative note on Ayurvedic Pharmacopoeia.
- 5 Write a note on
  - a) Patent search and literature
  - b) TRIPS
  - c) Challenges in manufacturing of herbal drugs. 5+5+5
- 6 Explain the concepts of Quality assurance in herbal industry and describe the GLP aspects in herbal industry. 15
- 7
  - a) Write the monographs of Ergot.
  - b) Discuss the process of opposition and revocation of a patent. 10+5
- 8
  - a) Write abt the regulatory requirements for Herbal Industry.
  - b) Discuss the infrastructure requirements for the production and standardization of herbal tablets and Ointment. 5+10

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