

First Semester M.pharm Degree Examinations March 2019

M.Pharm (Pharmacognosy)

Paper IV - Industrial Pharmacognostical Technology (MPG 104T)

Time: 3 Hours

Total Marks: 75

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essays

(3x10=30)

1. What are different types of extracts used in herbal formulations. Give in detail methods involved in standardization of extracts
2. Discuss on total quality management (TQM) in herbal industry
3. Explain the quality assurance and safety standards of herbal products as per WHO guidelines

Short Notes

(9x5=45)

4. Compare the Ayurvedic pharmacopoeia and American herbal pharmacopoeia
5. Novelty and utility as applicable to subject matters of patents
6. Export and import policy of herbal products
7. Good laboratory practice (GLP)
8. Concept of ISO 9000 certification for an herbal drug industry
9. Trade related intellectual property rights (TRIPS)
10. Significance of stability studies
11. Patent laws and its significance
12. Procedure for patent filling in India
