

**First Semester M.Pharm Degree Regular/Supplementary Examinations**  
**June 2024**  
**M.Pharm (Pharmacognosy)**  
**Paper IV - Industrial Pharmacognostical Technology (MPG 104T)**  
**(Common for 2017 and 2019 Scheme)**

**Time: 3 Hours**

**Total Marks: 75**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

**Essays**

**(3x10=30)**

1. Explain entrepreneurship development with reference to herbal drug industry.
2. Discuss quality assurance in herbal drug products and add a note on TQM and GMP.
3. Discuss on Siddha, Unani and British herbal pharmacopoeia

**Short Notes**

**(9x5=45)**

4. Production of standardized extracts.
5. Patentable subject matters.
6. Procedure for Indian patent filing.
7. Opposition and revocation of patents.
8. WHO guidelines in quality assessment of herbal drugs.
9. Export – import (EXIM) policy.
10. GLP.
11. Infrastructure of herbal drug industry.
12. Global herbal drug marketing management

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