

M. Pharm. F.Y. (Pharmacognosy) CBCS Pattern Semester-I  
**MPG104T - Industrial Pharmacognostical Technology**

P. Pages : 1

Time : Three Hours



**GUG/W/24/14161**

Max. Marks : 75

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- Notes :
1. Diagrams and Chemical equation should be given wherever necessary.
  2. Illustrate your answers wherever necessary with the help of neat sketches.
  3. All questions are compulsory.

- 1. Short note Answer any ten. 10x2  
=20**
- a) Note on project report.
  - b) Advantages and disadvantages of case study.
  - c) Salient features of patent law.
  - d) Objective of EXIM policy.
  - e) Define TQM along with its elements.
  - f) Objective of ISO 9000.
  - g) Enlist the steps in ISO 9000 registration process.
  - h) Describe the format/content of monograph as per Ayurvedic Pharmacopoeia.
  - i) Explain the role of markers.
  - j) Explain the need of patent search.
  - k) Note on botanical parameters.
- 2. Short Essay Answer any five. 5x7  
=35**
- a) Patent search and literature.
  - b) Explain pilot plant scale-up techniques.
  - c) Challenges in manufacturing of herbal drugs.
  - d) Opposition and revocation of patents.
  - e) Explain the importance of stability and stability studies.
  - f) Informative note on Good storage practices.
  - g) Give an informative note on Indian Pharmacopoeia.
- 3. Long Essay Answer any two. 2x10  
=20**
- a) Explain the stages of patent filling, processing and grant of patent.
  - b) Write the challenges in standardization and manufacturing of herbal drugs.
  - c) Write the objective, advantages, and procedures of copyright act.

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