

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

P. Pages : 1

Time : Three Hours



GUG/W/22/14161

Max. Marks : 75

- 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 entrepreneurship development.
 - b) Note on Capital Venture.
 - c) Define TQM along with its elements.
 - d) Define GLP along with its general provision.
 - e) Describe the format/content of monograph as per IP Pharmacopoeia.
 - f) Note on pharmacological parameter in quality assessment of herbal drugs.
 - g) Explain the role of markers.
 - h) Explain the need of patent search.
 - i) Copyrights.
 - j) Challenges in manufacturing of herbal drugs.
 - k) Benefits of medicinal plant.
- 2. Short essay answer any five. 5x7
=35**
- a) Explain the aspects to be considered for selecting project on herbal drug research.
 - b) Explain pilot plant scale-up techniques.
 - c) Write the concepts of ISO 9000.
 - d) Define IPR. Give its types and significance.
 - e) Give note on WHO guidelines on quality assessment of herbal drug.
 - f) Explain “Geographical indication” and its importance.
 - g) Explain the role of Controllers of patent.
- 3. Long essay answer any two. 2x10
=20**
- a) Explain EXIM policy in India.
 - b) Elaborate in detail about general parameters of monographs of herbal drugs.
 - c) Elaborate in detail about definition, objective and procedure of patent filling in India.
