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Total No. of Pages : 01

Total No. of Questions : 06

M.Pharmacy (Pharmacognosy) (Sem.-1)
INDUSTRIAL PHARMACOGNOSTICAL TECHNOLOGY

Subject Code : MPG-104T

M.Code : 74672

Date of Examination : 21-01-23

Time : 3 Hrs.

Max. Marks: 75

INSTRUCTIONS TO CANDIDATES :

1. **Attempt any FIVE questions out of SIX questions.**
2. **Each question carries FIFTEEN marks.**
1. a) Write a detailed note on stability testing of natural products.
 b) What do you understand by opposition and revocation of patents? Explain taking suitable examples of cases of patents.
2. Describe Indian and International Patent Laws applicable on herbal Drugs.
3. **Write short notes on:**
 - a) Capital venture
 - b) Clinical laboratory testing
 - c) Concept of TQM
 - d) Patentable subject matters
 - e) Geographical indication.
4. a) Write a descriptive note on Export Import policy of natural products.
 b) Describe pilot plant scale up techniques for natural products.
 c) Explain the procedure of filing Indian patent.
5. a) Describe WHO guidelines in quality assessment of herbal drugs.
 b) Compare parameters of monographs mentioned in IP, USP and Ayurvedic Pharmacopoeia.
6. a) What are the infrastructural requirements of herbal drug industry involved in production of standardized extracts?
 b) Discuss the current challenges in upgrading and modernization of herbal formulations.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.