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Total No. of Pages : 02

Total No. of Questions : 06

M.Pharmacy (Pharmacognosy) (2017 & Onwards) (Sem.-I)
INDUSTRIAL PHARMACOGNOSTICAL TECHNOLOGY

Subject Code : MPG-104T

M.Code : 74672

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) What are the requirements to develop infrastructure of herbal drug industry involved in production of standardized extracts? (8)

b) What do you understand by Entrepreneurship development? Describe various steps involved in development of project report of herbal drug industry. (7)
2. a) Describe the concepts of GMP and GLP in herbal drug industry. (8)

b) Write a note on quality assurance of herbal drug products. (7)
3. a) Compare general parameters of monographs of herbal drugs mentioned in IP and American Herbal Pharmacopoeia. (8)

b) Discuss challenges in stability testing of natural products. (7)
4. Write short notes on :

a) TRIPS (4)

b) Case studies of herbal extracts (4)

c) Safety assessment of herbal drugs (4)

d) Analytical methods used to analyse herbal drugs (3)

5. a) Discuss Indian patent laws as applicable on herbal drugs. (8)
- b) Explain steps involved in filing, processing and granting of patents. (7)
6. Write notes on :
- a) Copyright (5)
- b) Formulation management of herbals (5)
- c) Clinical laboratory testing (5)

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.