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Total Number of Pages : 01

M.Pharm
MPG104T

1st Semester Regular Examination 2019-20
INDUSTRIAL PHARMACOGNOSTICAL TECHNOLOGY
BRANCH : PHARMACOGNOSY

Max Marks: 75

Time : 3 Hours

Q.CODE : HR784

Answer Question No.1 (Part-A) and 02 (Part-B) which are compulsory and any TWO from Part-C.
The figures in the right hand margin indicate marks.

Part-A

Q1 Only Short Answer Type Questions (Answer All-10) (2 x 10)

- a) Copyright
- b) ISO-9000
- c) Indian Patent law
- d) Pilot scale-up techniques
- e) Entrepreneurship
- f) SOP
- g) Patentable invention
- h) TRIPS
- i) Good Laboratory Practices
- j) Capital Venture

Part-B

Q2 Only Focused-Short Answer Type Questions- (Answer Any SEVEN out of NINE) (7 x 5)

- a) Explain the Protocol for stability testing of natural product.
- b) Describe the types and roles of entrepreneurs in economic development.
- c) Elaborate the concepts of TQM.
- d) What are the infrastructure facilities of herbal drug industry for production of various dosage forms?
- e) Write a note about the inventions those cannot be patented?
- f) Describe the clinical laboratory testing of herbal drugs.
- g) Describe the geographical indication for Indian patent filing.
- h) Describe the export and import policies for herbal drugs.
- i) List out the comparative study of herbal monographs in different Pharmacopoeias

Part-C

Only Long Answer Type Questions (Answer Any TWO out of FOUR)

- Q3 Write a descriptive note on WHO guidelines in quality assessment of herbal drugs. (10)**
- Q4 What is a Patent? Describe the procedure for filling and grant of a patent. (10)**
- Q5 Write an explanatory note on GMP for production of natural product. (10)**
- Q6 What is project selection? Discuss the steps for the selection of a project. (10)**