

# Question Paper

Exam Date & Time: 04-May-2019 (02:00 PM - 05:00 PM)



## MANIPAL ACADEMY OF HIGHER EDUCATION

Manipal Academy of Higher Education, Manipal MPharm Theory End-Semester Examinations.  
MPharm - PHARMACOGNOSY Specialization  
MPharm Semester 2-End-Semester Examination - May 2019  
Date : 04/05/2019

### Advanced Pharmacognosy II [PCO-MPG202T]

Marks: 75

Duration: 180 mins.

#### SECTION - A

Answer all the questions.

Answer the following (10 marks x 5 = 50 marks)

- 1) Briefly describe the efficacy of herbal medicine with an example. (10)
- 2) Describe the outcomes, role of ethnobotanists in herbal medicine. (10)  
Add a note on comprehensive bioprospecting policy.
- 3) What are the common diseases/disorders that induce liver damage? Briefly explain the in vitro and in vivo methods for evaluation of natural drugs for the same (10)
- 4) Give the analytical profiles of Amla and Psoralea (10)
- 5) How do you determine foreign organic matter, and pesticide residues in herbs and their formulations? (10)

#### SECTION - B

Answer all the questions.

Answer the following (5 marks x 5 = 25 marks)

- 6) Write a note on pharmacodynamic interactions of herbal drugs with an example. (5)
- 7) Briefly describe the reverse pharmacology approach in India (5)
- 8) Describe any two methods for in vivo evaluation of anticancer agents (5)
- 9) What are diuretics? Give any two methods for the screening of diuretic activity. (5)
- 10) Give an overview of DNA finger printing and their application in medicinal plants (5)

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