

Question Paper

Exam Date & Time: 05-May-2018 (02:00 PM - 05:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

MANIPAL COLLEGE OF PHARMACEUTICAL SCIENCES
END SEMESTER THEORY EXAMINATIONS- MAY 2018
PROGRAM: MPHARM SEMESTER 2 (PHARMACOGNOSY)

DATE: 05/05/2018

TIME: 2:00 PM - 5:00 PM

Advanced Pharmacognosy II [PCO-MPG202T]

Marks: 50

Duration: 180 mins.

a

Answer all the questions.

Answer the following (5 marks x 8 = 40 marks)

- 1) What does validation of herbal therapy mean? Explain with suitable examples (5)
- 2) Write an essay on determination of microbial contamination in herbal raw materials and give limits for certain common organisms (5)
- 3) Give an account of impact of ethnobotany on modern medicine. (5)
- 4) Discuss the analytical profile of Coleus (5)
- 5) Write a note on bio-prospecting tools for drug discovery. (5)
- 6) Define and classify diabetes? Give any two models for screening of antidiabetic agents (5)
- 7) Give an account of causes and measures of adulteration. (5)
- 8) Give the in vitro tests for the evaluation of anticancer drugs (5)

b

Answer all the questions.

Answer the following with specific answers (2 marks x 5 = 10 marks)

- 9) Define pharmacodynamics and pharmacokinetics (2)
 - A) (2)
 - B) Define and explain foreign matter (2)
 - C) Define drug discovery and drug development (2)
 - D) (2)

- E) Give botanical source, chemical constituents and uses of Shallaki (2)
Define acute and sub-acute toxicity as per OECD guidelines

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