

Question Paper

Exam Date & Time: 09-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 (PHARMACEUTICAL ANALYSIS)

DATE: 09/05/2018

TIME: 2:00 PM - 5:00 PM

Herbal and Cosmetic Analysis [PCH-MPA204T]

Marks: 50

Duration: 180 mins.

a

Answer all the questions.

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

- 1) Mention WHO guidelines in quality assessment of herbal drugs. (5)
- 2) How do you evaluate cosmetic products? (5)
- 3) Explain the WHO guidelines for herbal drug standardization. (5)
- 4) What are the main sources of adulteration of herbal drugs? (5)
- 5) What are the specifications for testing skin care products as per BIS? (5)
- 6) Explain the protocol for stability testing of natural products. (5)
- 7) Explain the significance of ash value determination. (5)
- 8) What are the challenges in monitoring the safety of herbal medicines? (5)

b

Answer all the questions.

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

- 9) What is the difference between Siddha and Unani medicine? (2)
 - A)
 - B) What are personal hygiene preparations? (2)
 - C) Define peroxide value. Give its importance. (2)
 - D) Give the importance of monograph analysis. (2)

E) Write two methods for the determination of foreign matter.

(2)

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