

Question Paper

Exam Date & Time: 18-May-2023 (02:00 PM - 05:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

Manipal Academy of Higher Education, Manipal MPharm Theory End-Semester Examinations.

Herbal Cosmetics [PCO-MPG204T -S3]

Marks: 75

Duration: 180 mins.

SECTION - A

Answer all the questions.

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

- 1) Give a detailed account of the following with respect to herbal cosmetics; (10)
A. Procedure for the import of cosmetics
B. Companies involved in import and export of cosmetics
C. Offences and Penalties
- 2) Discuss herbal cosmetics under the following heads; (10)
A. Pre-formulation aspects
B. Compatibility studies
C. Design of a formulation
- 3) Discuss on different types of cosmetics used in oral care with a brief note on standardization and evaluation of tooth paste. (10)
- 4) Explain techniques for the analysis of volatile and non-volatile constituents of herbal cosmetics. (10)
- 5) Write the ideal characteristics of shampoos with their general ingredients. Add a note on hair conditioner. (10)

SECTION - B

Answer all the questions.

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

- 6) Regulatory aspects of herbal cosmetics in India. (5)
- 7) Explain the sun protection factor and In-vivo skin hydration studies for cosmetics. (5)
- 8) Preparation and standardization of Bleaches with selection. (5)
- 9) In vitro drug release and skin permeation studies of cosmetics. (5)
- 10) Anti-sunburn preparation with its ideal characteristics. (5)

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