

Exam Date & Time: 20-Jul-2022 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

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

HERBAL COSMETICS [PCO-MPG204T-S1]

Marks: 75

Duration: 180 mins.

SECTION - A

Answer all the questions.

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

- 1) Discuss on GMP aspects of herbal cosmetics. (10)
- 2) Explain the formulation study of herbal cosmetics under the following heads; A. Pre-formulation aspects (10)
B. Interaction between chemicals and herbs
- 3) Define, classify and give the advantages of herbal cosmetics. Give a detailed note on dentifrices as oral care cosmetics using a suitable example. (10)
- 4) Discuss the role of Gas chromatography and HPLC in the analysis of cosmetics. (10)
- 5) Define and give the characters of fairness formulations. Explain the preparation and uses of foundation, sunscreen and moisturizing creams with an example for each (10)

SECTION - B

Answer all the questions.

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

- 6) Define and give the classification of herbal cosmetics. (5)
- 7) Explain the sun protection factor and patch test for cosmetics. (5)
- 8) With the help of neat labeled diagram, explain the physiology of nail. (5)
- 9) Offences and penalties with respect to manufacture/import of cosmetics. (5)
- 10) Define shampoo with its ideal characteristics including the general ingredients. (5)

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