

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.

**Cosmetic and Cosmeceuticals [PCE-MPH204T]**

**Marks: 75**

**Duration: 180 mins.**

### SECTION - A

**Answer all the questions.**

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

- 1) Describe the pathogenesis and therapeutic treatment of acne. (10)
- 2) Describe the building blocks of cosmetic formulations. (10)
- 3) Define and classify sunscreens with a formulation. Explain SPF (10)
- 4) Define cosmetic products as per Indian regulation. Discuss the regulatory requirements which needs to be followed for the import of cosmetics. (10)
- 5) Explain the COSMOS guidelines with respect to herbal cosmetics (10)

### SECTION - B

**Answer all the questions.**

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

- 6) Differentiate between Spurious drugs and Misbranded drugs. (5)
- 7) Cosmeceuticals address pigmentation and wrinkles. Explain (5)
- 8) Explain the phases of the hair growth cycle. (5)
- 9) What are the factors affecting microbial preservative efficacy? (5)
- 10) What is skin aging? Write the mechanism of antiaging products. (5)

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