

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[LP 938]

NOVEMBER 2019

Sub. Code: 2938

M.PHARM. DEGREE EXAMINATION
(PCI New regulations 2016)
SEMESTER-II
BRANCH-I – PHARMACEUTICS – MPH
PAPER IV – COSMETIC AND COSMECEUTICALS

Q.P. Code : 262938

Time : Three hours

Maximum : 75 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Write a note on structure of hair and hair growth cycle. Discuss the formulation and evaluation of shampoos.
2. Discuss the building blocks for the formulation of moisturizing, vanishing and cold cream. Add a note on the factors affecting the microbial preservative efficacy.

II. Write notes on:

(7 x 5 = 35)

1. Perfume ingredients listed as allergens in EU regulations.
2. Common problems associated with oral cavities.
3. Challenges in formulating herbal cosmetics.
4. Cosmeceutical Products used for body and under arm.
5. Structure of skin relating to problems like dry skin and acne.
6. Classification of surfactants and their applications in cosmetics.
7. Herbal ingredients used in skin and oral care.
