

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

[M.PHARM 0922]

**SEPTEMBER 2022
(APRIL 2022 EXAM SESSION)**

Sub. Code: 2938

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

Q.P. Code : 262938

Time : Three hours

Answer ALL Questions

Maximum : 75 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Discuss the formulation Building blocks for cosmetics. Describe about the formulation of soaps.
2. Guidelines for herbal cosmetics by private bodies like cosmos with respect to preservatives, foaming agents and rheology modifiers.

II. Write notes on:

(7 x 5 = 35)

1. Regulatory requirements for labelling of cosmetics.
2. Formulations for acne and sun-protection.
3. Formulations for mouth odor and sensitive teeth.
4. Surfactants – Classification and application.
5. Design of cosmeceutical products on sun protection.
6. Cleansing and care needs for the scalp and neck.
7. Structure of hair and hair growth cycle.
