



PAPER ID-411227

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Subject Code: MPH204T

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**MPHARM**  
**(SEM II) THEORY EXAMINATION 2023-24**  
**COSMETIC & COSMECEUTICALS**

**TIME: 3 HRS****M.MARKS: 75**

**Note:** 1. Attempt all Sections. If require any missing data; then choose suitably.

**SECTION A**

**1. Attempt all questions in brief.****10 x 2 = 20**

a.	Define the term 'cosmetic'.
b.	Discuss misbranded cosmetics.
c.	Describe the causes of dry skin.
d.	Define acne.
e.	Explain the applications of preservative.
f.	Discuss the formulation of cold cream.
g.	Classify sunscreens.
h.	Discuss the major ingredients of toothpaste.
i.	Write a short note on soap.
j.	Explain the significance of COSMOS.

**SECTION B**

**2. Attempt any two parts of the following:****2 x 10 = 20**

a.	Write a brief note on the design of cosmetic products to treat dry skin and wrinkles.
b.	Explain surfactant and give its classification and applications.
c.	Classify rheological additives along with their applications with suitable examples in cosmetic formulations.

**SECTION C**

**3. Attempt any five parts of the following:****5 x 7 = 35**

a.	Explain regulatory requirements for manufacturing of cosmetics.
b.	Discuss the requirements for import of cosmetics.
c.	Explain formulation considerations and evaluation of moisturizing cream.
d.	Discuss the formulation of shampoo.
e.	Explain in detail about herbal hair care agent.
f.	Write a brief note on perfume, its ingredients along with evaluation parameters.
g.	Illustrate COSMOS guidelines for herbal cosmetics with special emphasis on preservatives, emulsifiers and rheology modifiers.