

SUPPLEMENTARY
MASTER OF PHARMACY (M. PHARM.) (CBCS-2019 COURSE)
M.Pharm. Sem-II PHARMACEUTICS :SUMMER- 2022
SUBJECT : COSMETIC & COSMECEUTICALS

Day : Wednesday

Time : 10:00 AM-01:00 PM

Date : 21-09-2022

S-20796-2022

Max. Marks : 75

N.B.:

- 1) **Q. No.1 and Q. No.5 are COMPULSORY.** Out of remaining questions answer **ANY TWO** from each section.
 - 2) Answers to both sections should be written in **SEPARATE** answer books.
 - 3) Figures to the right indicate **FULL** marks.
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SECTION-I

- Q.1** Explain the requirements of factory premises for manufacture of cosmetics. **(08)**
- Q.2** Discuss in detail structure, function, types of hair along with hair growth cycle. **(15)**
- Q.3** Explain in detail formulations of various skin care products. **(15)**
- Q.4** Write notes on **ANY TWO** of the following: **(15)**
- a) Factor affecting microbial preservative efficacy
 - b) Classification of surfactants
 - c) Rheological modifiers

SECTION-II

- Q.5** Explain the building blocks for the formulation of tooth paste. **(08)**
- Q.6** Discuss in detail about sunscreens and its regulatory aspects in cosmetic formulation. **(15)**
- Q.7** Discuss in detail about design of cosmeceuticals products for pigmentation, prickly heat and wrinkles. **(15)**
- Q.8** Write notes on **ANY TWO** of the following: **(15)**
- a) Herbal ingredients used in Hair care products
 - b) Mouth wash and deodorant
 - c) Scope and new trends for herbal cosmetics

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