

M. PHARM. (PHARMACEUTICS) SEM. – II (CBCS – 2019 COURSE):

Winter-2021

SUBJECT: COSMETIC & COSMECEUTICALS

Day : Thursday
Date : 02-12-2021

Time : 02:00 PM-05:00 PM
Max. Marks: 75

W-20796-2021

N.B.

- 1) Q.1 and Q.5 are **COMPULSORY**. Out of the remaining questions answer any **TWO** from each section.
- 2) Figures to the right indicate **FULL** marks.
- 3) Answer to both the section should be written in **SEPARATE** answer book.

SECTION – I

- Q.1** Describe the regulatory provisions relating to manufacture of cosmetics. (08)
- Q.2** Classify preservatives. Explain Antimicrobial Efficacy Test for preservatives. Add a note on factors affecting microbial preservative efficacy. (15)
- Q.3** Discuss about design of cosmeceutical formulation addressing dry skin, acne and pigmentation. (15)
- Q.4** Write notes on **ANY TWO** of the following: (15)
- a) Building blocks of vanishing cream
 - b) Rheological additives in cosmetics
 - c) Regulatory provision relating to import of cosmetics

SECTION – II

- Q.5** Classify sunscreen cosmeceuticals with examples. Explain the different guidelines and regulations with respect of sunscreen cosmeceuticals. (07)
- Q.6** Define and compare between cosmetics, pharmaceuticals and cosmeceuticals. Support this with suitable examples. (15)
- Q.7** Answer the following: (15)
- a) Explain designing of oral care cosmetics.
 - b) Describe manufacturing and evaluation of cold creams.
 - c) Classification of perfumes used in cosmetics.
- Q.8** Write notes on **ANY TWO** of the following: (15)
- a) Foaming agents and emulsifiers
 - b) Design of anti-acne formulation
 - c) Preservatives used in cosmetics

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