

Roll No:

| | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

MPHARM
(SEM II) THEORY EXAMINATION 2024-25
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. | State the key features of misbranded and spurious cosmetics. |
| b. | Mention the Indian regulatory requirements for labeling cosmetics. |
| c. | Enlist the common problems associated with the oral cavity. |
| d. | State the cleansing and care needs for the human scalp and neck. |
| e. | Define and classify rheological additives with suitable |
| f. | Classify perfumes with suitable examples. |
| g. | State the mechanism of the sunscreen effect. |
| h. | Name two cosmeceutical formulations used to address mouth odor and sensitive teeth. |
| i. | Name two herbal ingredients used in hair care and mention their specific uses. |
| j. | Classify foaming agents along with their specific uses. |

SECTION B

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

| | |
|----|--|
| a. | State and explain the regulatory provisions relating to the manufacture of cosmetics. |
| b. | Describe the merits, demerits, and applications of the antimicrobials used as preservatives, and explain the role of the actors affecting microbial preservative efficacy. |
| c. | Report, in brief, the review of guidelines for herbal cosmetics by private bodies for emulsifiers and rheology modifiers. |

SECTION C

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

| | |
|----|--|
| a. | State the offenses and penalties as per the cosmetic's regulatory guidelines. |
| b. | Draw the labeled schematic structure of hair and represent the hair growth cycle. |
| c. | State the common problems associated with the oral cavity and design formulation approaches to solve those. |
| d. | Elaborate on the building blocks and formulation approaches of soaps and syndet bars. |
| e. | Explain the controversial roles of parabens, formaldehyde liberators, and dioxane. |
| f. | Classify sunscreens and explain their regulatory aspects. |
| g. | State and explain the challenges in formulating herbal cosmetics and suggest the formulation approaches to overcome those. |