Printed Pages: 01 **Sub Code: BOP243**

Paper Id: 150208 **Roll No.** | | | | | | | | | | |

B PHARM
(SEM-IV) THEORY EXAMINATION 2018-19
PHARMACEUTICS-V (COSMETIC TECHNOLOGY)

Time: 3 Hours ***Total Marks: 100***

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

SECTION A

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

a. Define depilatory cream.
b. What is lake color? Give two examples of it.
c. Define KOHL.
d. Discuss the difference b/w Cold cream and vanishing cream.
e. Give the name of two natural antioxidants.
f. Define plasticizer with example.
g. Give the difference between cream and gel.
h. Give the name of two natural hair colors.
i. Define Humectants.
j. Give examples of depigmentation agents.

SECTION B

2. Attempt any *three* of the following: **10x3=30**

a. Define cosmetics. Discuss detail classification of cosmetics with examples.
b. Discuss exfoliating agents with examples.
c. Discuss the role of anti-ageing agents used in the cosmetic preparation.
d. Discuss formulation and preparation of lipsticks.
e. Discuss structure of skin and also discuss percutaneous absorption.

SECTION C

3. Attempt any *one* part of the following: **10x1=10**

a. Discuss formulation and preparation of antidandruff shampoo.
b. Write a short note on Antiperspirants and deodorants.

4. Attempt any *one* part of the following: **10x1=10**

a. Discuss a detailed note on Baby care Products.
b. Explain the stability studies in finished products.

5. Attempt any *one* part of the following: **10x1=10**

a. Explain corrosiveness, skin irritation, and photo induced toxicity.
b. Discuss formulation and preparation of nail lacquer.

6. Attempt any *one* part of the following: **10x1=10**

a. Give the formulation of herbal face pack.
b. Give the formulation of toothpaste.

7. Attempt any *one* part of the following: **10x1=10**

a. Discuss the formulation of herbal shampoo and lip balm.
b. Write a note on SPF.

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