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Paper Name: Chemistry of Cosmetics & Perfumes
Paper Code: BCH-SEC04

Time: 1.5 hours

Maximum Marks: 37

Note: This paper has 3 sections A, B, and C, Attempt all the three sections

Section A: Answer all the questions; **Section B:** Answer any 2 out of 4; **Section C:** Answer all the questions, each question has an internal choice

Abbreviations Used

CLO- Course Learning Outcome, PLO- Program learning Outcome, BTL- Bloom Taxonomy Level: BT level 1-Remember; BT level 2-Understand; BT level 3-Apply; BT level 4-Analyse; BT level 5-Evaluate, BT level 6-Create

SECTION A

Very Short Type Questions (Attempt all questions)

(7x1=7Marks)

Q. No	Question	BTL	CLO	PLO
A1.	Write the chemical formula of talc	2	2/3	2
A2.	What is the role of ZnO in Face cream	1	2/3	2
A3.	Is Lipstick belonging to cosmeceuticals or fashion? Why?	1	3/4	1
A4.	Give two examples of mordant dyes	1	3/4	1
A5.	Main components of nail paint removers.	2	3/5	3
A6.	Use of mica in cosmeceutical	2	2/3	3
A7.	Natural color of hair is due to _____.	2	1/2/3	4

SECTION B

Long Type questions (Attempt any two out four)

(2x7.5=15 marks)

Q. No	Question	BTL	CLO	PLO
B1.	Explain the procedure for the preparation of Face powder, and importance of each component used for the preparation of face powder.	4/5	5/6	5
B2.	How hair dye and Hair color are different from each, explain the mechanism for	5/4	2/5	5

B3.	What are the roles of a) jasmone; b) civetone; c) Geraniol; and d) Eugenol in cosmetic chemistry	5/6	2/4	4
B4.	Explain the preparation of (a) face cream and (b) nail polish.	6	2/3	3

SECTION C

Short Type questions (**Attempt all questions**)

(5x3=15 marks)

Q. No	Question	BTL	CLO	PLO
C1.	What are the ideal Characteristics of Good Lipstics. OR What are the ideal Characteristics of Cold Cream	5/6	3/6	2
C2.	Differentiate between Dye and Pigment OR Differentiate between Soap and Shampoo. Briefly explain the key components in both	5/6	5	2
C3.	What id the mechanism of Azo-group based dyes are used for the preparation of hair Color OR Explain the role of a) White bee wax; b) Eucalyptus Oil; c) SiO ₂ in cosmeceuticals	5/6	4	5
C4.	Explain the role of a) Surfactant; b) Vitamin and c) Fatty acid in cosmeceutical OR What are intrinsic and extrinsic parameters of cosmetic materials that affect their stability and packaging.	2/3	1,2	4
C5.	Differentiate between nail polish and nail polish remover OR Explain the components used in face creams for anti-aging and anti-oxidant effect	3/4	4/5/6	5

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