



[Time: 3 Hours]

[Max. Marks: 75]

**Cosmetics and Cosmeceuticals**

**Q.P. CODE: 5172**

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary.

**LONG ESSAY (Answer any Three)**

**3 X 10 = 30 Marks**

1. Describe the condition of pigmentation and prickly heat for skin. How these conditions are addressed with cosmetic products.
2. Define and classify preservatives used in cosmetic products with their advantages and disadvantages. Explain the factors influencing preservative efficacy.
3. Describe different cosmetic products used to address problems associated with oral cavity.
4. Describe herbal ingredients used in cosmetic products for hair care. Give an example of one herbal hair care formulation.

**SHORT ESSAY (Answer any Nine)**

**9 X 5 = 45 Marks**

5. Explain formulation of soaps for personal use.
6. Classify the surfactants used in cosmetic products.
7. Write briefly on formaldehyde liberators.
8. What are sunscreen preparations? Write a note on regulatory guidelines for sunscreens.
9. Explain the labeling requirements of cosmetic products.
10. Explain the formulation of cosmetic products for addressing wrinkles.
11. What are the challenges in formulation of baby care preparations? Add a note on different products.
12. Explain cleansing and care need of nail and eye lids.
13. What are perfumes? Write briefly on allergenic listing of perfumes in EU regulation.
14. What are emollients? Explain the role of emollients in cosmetic products.

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