



[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. Define cosmeceuticals. Discuss most commonly used building blocks in the formulation of cosmetic products.
2. What are the merits and demerits of antimicrobials used as preservatives? Discuss in detail various factors affecting the effectiveness of preservatives.
3. What are different hair care products? Discuss in detail the formulation of shampoos.
4. What are common problems associated with oral cavity? Describe various toothpaste formulations for anti-cavity and sensitive teeth.

SHORT ESSAY (Answer any Nine)

9 X 5 = 45 Marks

5. Discuss the challenges in formulating herbal cosmetics.
6. Discuss basic components used in the formulation of creams.
7. Describe various chemicals used as sunscreen agents in developing sunscreen formulations.
8. Write a note on wrinkles and how to address them.
9. Explain various ingredients used in the formulation of mouth washes.
10. Describe salient features of cosmetic safety data base developed by private body (cosmos).
11. Discuss controversial ingredients used in cosmetics.
12. Write a note on cosmetic formulations used for body odour.
13. Classify perfumes. Enumerate perfume ingredients listed as allergens in EU regulation.
14. Write a note on after shave formulation.
