

QP Code : 21769

(3 Hours)

[Total Marks : 70

- N.B.** (1) All questions are **compulsory**.
(2) Figures to the right indicate full marks.

1. a) State functions of skin and name layers of epidermis. 2
b) What are the causes and treatment of Acne condition? 3
c) Enlist various manicure preparations. 2
d) Explain hair waving action on structure of hair. 2
e) Write a note on After shave formulations. 3
f) Elaborate on Bath Salts. 3
2. a) Discuss safety evaluation of cosmetics. 4
b) Give an account of cleansing preparations. 3

OR

Describe large scale manufacturing of creams.
c) What are quality evaluation tests to be performed on shampoos? 4
3. a) Give an account of lather shaving creams. 4
b) Elaborate on eye shadows. 3
c) Write a short note on (**any one**) : 4
(i) Waxes and Oils
(ii) Preservatives
4. a) Give an account of quality control tests for compact face powders. 3

OR

Give an account of manufacturing of rouges.
b) Classify and explain various hair colourants. 4
c) Discuss abrasives used in dentrifices. Write a note on performance evaluation of abrasives. 4
5. a) Elaborate on formulation of depilatories. 3
b) A mixture of colours is used in lipsticks. Justify. 4

OR

Enumerate the various QC tests for lipsticks.
c) What are the causes of microbial contamination and suggest suitable remedial measures. 4
6. a) Discuss formulation of baby shampoo. 3

OR

What are the ideal attributes of deodorants? Give two examples.
b) Give an account of raw materials used in the formulation of nail lacquers 4
c) What are the various in-vitro and in-vivo tests for sunscreens? 4