

Time: 2 Hours

Total Marks: 40

Please check whether you have got the right question paper.

N.B.: 1. All questions are compulsory.

2. Figures to the right indicates full marks.

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| 1 | Answer the following (Any five) | 10 |
| | (a) Define a cosmetic and classify cosmetic products | 2 |
| | (b) Give an account of baby shampoos. | 2 |
| | (c) What are the types of shaving products? Give the formulation of any one product | 2 |
| | (d) Enlist the quality control tests for lipsticks alongwith their limits | 2 |
| | (e) What are the ideal properties for shampoos | 2 |
| | (f) Write a note on mouthwashes. | 2 |
| 2 | Answer any two | 6 |
| | (a) Give an account of anti-wrinkle formulations | 3 |
| | (b) Write a note on preservatives used in the formulation of cosmetics | 3 |
| | (c) Enlist types of nail specialty products and elaborate on any one type | 3 |
| 3 | Answer any two | 6 |
| | (a) Enlist various Eye make-up products and describe any one. | 3 |
| | (b) Write a note on hair grooming products | 3 |
| | (c) Write a detailed description on types of sunscreen products | 3 |
| 4 | Answer any two | 6 |
| | (a) Give an account of Large scale manufacturing of Face powder. Mention equipment used in each step. | 3 |
| | (b) Elaborate on formulation of Lather Shaving Cream | 3 |
| | (c) Write a note on therapeutic agents used in Toothpaste | 3 |
| 5 | (a) During sensorial evaluation of cosmetics, how is the data obtained and analysed | 3 |
| | (b) Enlist various irritation and sensitization reactions. Write a note on sensitivity testing of hair dyes. | 3 |
| 6 | (a) Give examples of oils fats and waxes used in cosmetics. Name the products in which each is used | 2 |
| | (b) Classify sensorial evaluation tests | 2 |
| | (c) Write the ideal properties of depilatories containing thioglycollates | 2 |

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