

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 <b>any five</b>   | <b>10</b> |
|   | (a) Give the Schedule M (II) requirements for nail lacquers.   | 2         |
|   | (b) Enlist and justify the need for baby cosmetics   | 2         |
|   | (c) Write a brief note on foaming shave products   | 2         |
|   | (d) Elaborate on the oils and waxes used in lipsticks  | 2         |
|   | (e) Elaborate on raw materials used in formulating shampoos  | 2         |
|   | (f) Write a brief note on denture cleansers  | 2         |
| 2 | Answer <b>any two</b>  | <b>6</b>  |
|   | (a) Differentiate between vanishing and cold creams with respect to their formulation and properties         | 3         |
|   | (b) Write a note on antioxidants used in the formulation of cosmetics  | 3         |
|   | (c) Discuss quality control tests with BIS specification for nail polish.                                    | 3         |
| 3 | Answer <b>any two</b>  | <b>6</b>  |
|   | (a) Enlist various Eye make-up products and describe any one.  | 3         |
|   | (b) Elaborate on hair waving products  | 3         |
|   | (c) Write a note on Sunscreen products   | 3         |
| 4 | Answer <b>any two</b>  | <b>6</b>  |
|   | (a) Give an account of Large scale manufacturing of Compact FacePowder. Mention equipment used in each step. | 3         |
|   | (b) Write a note on After Shave products   | 3         |
|   | (c) Discuss raw materials used in a toothpaste formulation   | 3         |
| 5 | (a) Write in detail on Sensorial Evaluation of cosmetics   | 3         |
|   | (b) Discuss Safety evaluation of cosmetics   | 3         |
| 6 | (a) Classify surfactants. Give examples of cosmetics in which surfactants are used.                          | 2         |
|   | (b) What are the steps to be followed during sensorial evaluation of cosmetics?                              | 2         |
|   | (c) Write a formula of depilatory product with role of each ingredient                                       | 2         |

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