

8/5/19

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[This question paper contains 3 printed pages]

Your Roll No. :

Sl. No. of Q. Paper : **2436** **IC**

Unique Paper Code : 32173910

Name of the Course : **B.Sc. (Prog.) : SEC**

Name of the Paper : Chemistry of Cosmetics
and Perfumes

Semester : VI

Time : 2 Hours

Maximum Marks : 38

Instructions for Candidates :

- (a) Write your Roll No. on the top immediately on receipt of this question paper.
 - (b) Attempt **four** questions in **all**.
 - (c) Question **NO.1** is compulsory.
 - (d) Attempt any **three** other questions.
1. (a) Define the term "cosmetic". Give the classification of cosmetics on the basis of area of application. 3
- (b) Give the role of alkalizing and oxidizing agents in the preparation of permanent hair dye. 3

P.T.O.

- (c) Bromo mixtures are used in which cosmetic product ? Define the cosmetic product. 2
- (d) List the ingredients in the preparation of face powder. 2
- (e) What are emulsifiers ? Give an example. 2
- (f) List the characteristics of an ideal chemical hair remover. 2
2. (a) List the raw materials required in the preparation of shampoo and explain their roles. 4
- (b) What are temporary and semi permanent hair dyes ? Explain. 4
3. (a) What are the common ways to reduce body odour ? Differentiate between antiperspirants and deodorants. 4
- (b) Describe the method for preparation of sunscreen lotion and discuss its advantages. 4

4. (a) Differentiate between vanishing cream and cold cream. Give their preparation. 4
- (b) List the various raw materials used in nail polish preparation and give their roles. 4
5. Write short notes (any **two**) : 2×4=8
- (a) Rose oil and sandalwood oil
- (b) Hair spray
- (c) Artificial flavours