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Roll No. ....

Sr No. of Question Paper :

Unique Paper Code : 32173910

Name of the Paper : SEC: Chemistry of Cosmetics and Perfumes

Name of the Course : B.Sc. Prog. and B.Sc. (H) Chemistry

Semester : VI

Duration : 1 hour

Maximum Marks: 38

**Instruction for Candidates**

1. Write your Roll No. on top of the question paper immediately.
2. Attempt any **two** questions in all.

**Q1.** (7, 6, 6)

(a) Fill in the blanks (Attempt **any seven**)

- (i) ----- is used for antiseptic properties in talcum powder.
- (ii) SPF stands for -----
- (iii) A sunscreen can be labeled as ----- if it provides UV protection across both the UV-B and UV-A wavelength ranges.
- (iv) ----- is used as oxidizing agent in hair dyes.
- (v) ----- is the common primary surfactant used in making shampoo.
- (vi) ----- is the essential oil occurs in cinnamon.
- (vii) ----- is the example of pigment used in nail lacquers.
- (viii) ----- is an organic compound, which is a volatile portion of the oil from jasmine flowers.
- (ix) ..... is the wool derived fat which is used in the formation of skin cream.

(b) What are the ideal characteristics of Nail lacquers?

(c) Define SPF. What does SPF 30 signify?

**Q2.** (7, 6, 6)

(a) Discuss the cosmetic properties and uses of Eucalyptus oil and Rose oil.

(b) List the parameters considered for the designing of hair spray.

(c) What are the various creams used for skin preparation. Explain.

**Q4.** Write short notes on **any three**: (7, 6, 6)

- (i) Deodorants and antiperspirants
- (ii) Shampoo
- (iii) Lipstick