

[ 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 indicate full marks.

- Q.1 Answer the following: (10)
- a) Give the regulatory requirements for manufacture of eye makeup products.
  - b) What are the factors governing formulation of baby products?
  - c) Enlist Nail speciality products
  - d) What are pearlescent pigments? Give examples.
  - e) What is the mechanism of working of hair conditioners?
  - f) Distinguish between antiperspirants and deodorants.
- Q.2 Answer any two (6)
- a) Vanishing creams are pearlescent and have a slightly acidic pH . Justify .
  - b) Elaborate on colours used in cosmetics
  - c) Describe any two quality control tests on nail lacquers.
- Q.3 Answer any two (6)
- a) Describe the packaging of lipsticks.
  - b) Write a note on insect repellants .
  - c) Classify surfactants used in shampoos with examples
- Q.4 Answer any two (6)
- a) Write on large scale manufacturing of loose face powder.
  - b) Enlist various types of shaving products and elaborate on any one.
  - c) Give an account of raw materials used in toothpastes.
- Q.5 a) Elaborate on methods used for sensorial evaluation of cosmetics (3)
- b) Write 2 in-vitro tests for skin irritation. Discuss sensitivity testing of cosmetic products done on animals. (3)
- Q.6 a) Enlists various methods of processing of plant materials used in cosmetics. Explain any one process . (2)
- b) Illustrate the significance of sensorial evaluation for cosmetics. (2)
- c) Give the classification of different depilatory agents. (2)