

[Time: 3 Hours]

[Marks:70]

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**
- Write in short schedule M II requirements for nail lacquer **2**
 - What are the desired properties of bleach preparations **3**
 - What is the role of strengthner in manicure? **2**
 - Explain the mechanism of action of hair waving products **2**
 - Discuss formulation of after shave preparations. **3**
 - Elaborate on bath salts. **3**
- Q.2**
- Explain patch test for volatile substances **4**
 - Write a note on face pack **3**
- OR**
- Explain role of stearic acid in vanishing cream
- Discuss raw materials used in shampoo. **4**
- Q.3**
- Write a note on shaving products **4**
 - Elaborate on eye shadow **3**
 - Write short notes on any one:- **4**
 - Colours used in cosmetics
 - Antioxidants used in cosmetics
- Q.4**
- Write the functional attributes of face powders? Give examples of suitable ingredients used to fulfil them. **3**
- OR**
- Discuss the formulation of foundation lotion.
- Write short note on hair colourants. **4**
 - Give an account of large scale manufacturing of tooth paste **4**
- Q.5**
- Write a short note on depilatories **3**
 - Describe colors and waxes used in lipsticks **4**
- OR**
- Enumerate the quality control tests for lipsticks.
- What are the causes of microbial contamination during manufacture of cosmetics? Suggest remedial measures for the same **4**
- Q.6**
- Give an account of Deodorants. **3**
- OR**
- Enlist various baby cosmetics. Discuss the formulation of baby powders. **3**
- Explain raw materials used in Nail lacquer formulation along with the properties it imparts **4**
 - Classify Sunscreen products, state their mechanism of action and enlist QC tests performed on them **4**