

AU-894

**Faculty of Cosmetic Technology**  
**M.Tech. (Cosmetic Technology) Semester—II (New) Examination**  
**ADVANCED COSMETIC TECHNOLOGY-II**

**Paper—2-T-2**

Time : Three Hours]

[Maximum Marks : 80

**INSTRUCTIONS TO CANDIDATES**

- (1) All questions carry equal marks.
  - (2) Answer all FIVE questions.
  - (3) Diagrams and Chemical equations should be given wherever necessary.
  - (4) Illustrate your answers wherever necessary with the help of neat sketches.
  - (5) Use pen of Blue/Black ink/refill only for writing the answer book.
1. Explain in detail formulation development of hair softeners (Shaving Creams and Gels) and add a note on its quality control test. 16
  2. Explain in detail about various nail cosmetics and add a note on its quality control tests. 16
  3. (i) Describe in detail structure and chemistry of hair shaft. 8  
(ii) Explain in detail about hair growth stimulators. 8
  4. Define and classify shampoo. Explain in detail formulation development of hair cleanser shampoo and cream shampoo. 16
  5. Write notes on (any two) :
    - (i) Neosomes
    - (ii) Hair straighteners
    - (iii) Organogels.
- OR**
- (i) Absorption theory
  - (ii) Hair Grooming Preparation
  - (iii) Preparations of Liposomes by various methods. 16