

AQ-581

Faculty of Cosmetic Technology
M.Tech. (Cosmetic Technology) Semester-II
Examination
ADVANCED COSMETIC TECHNOLOGY-I
Paper-2-T-1

Time : Three Hours]

[Maximum Marks : 80

INSTRUCTIONS TO CANDIDATES

- (1) All questions carry equal marks.
- (2) Answer all **FIVE** questions.
- (3) Use pen of Blue/Black ink/refill only for writing the answer book.

1. Discuss in detail compaction and molding as unit operations with emphasis on various equipments involved in it and add a note on emulsification as limit operation. 16
2. Discuss in detail formulations development and manufacturing considerations for Lipsticks and coloured make up preparations. 16
3. Explain the applications of microencapsulation techniques in cosmetics with suitable examples and add a note on evaluation of microcapsules. 16

4. (i) Explain in detail various antioxidants used in cosmetic preparations with emphasis on choice and attributes. 8
- (ii) Discuss about formulation and development of bath oils and bath salts. 8
5. Write notes on (any **TWO**) :
- (i) Microspheres
- (ii) Evaluation of eye cosmetics
- (iii) Derivatives of cyclodextrin. 16

OR

Discuss in detail various oils, fats and waxes to prepare different cosmetic preparations. 16