AQ-578A

Faculty of Cosmetic Technology M.Tech. (Cosmetics Technology) Semester-I (New) Examination PRODUCT DEVELOPMENT AND FORMULATION (Common for all Branches) Paper—1-T-3

Time : Three Hours] [Maximum Marks : 80

INSTRUCTIONS TO CANDIDATES

- (1) All questions carry equal marks.
- (2) Answer FIVE questions.
- (3) Illustrate your answers wherever necessary with the help of neat sketches.
- (4) Use pen of Blue/Black ink/refill only for writing the answer book.
- Discuss the physico chemical properties of substances with reference to their effect on formation of product. 16
- Discuss the formulation and development of denitrifices,
 Write in brief the raw-materials employed in formulation of dentifrices. Discuss the formulation of tooth gels. 16

OR

www.sgbauonline.com

Describe the formulation and development of	f cosmetic
suspension. Discuss industrial processing of	"Calamine
lotion" with its master formula.	16

- Write in detail the steps involved in development of new cosmetics. Add a note on limitations of screening procedures in cosmetics.
- 4. How do you scale up a product from laboratory scale to large scale?
- 5. Write notes on:
 - (a) Aerosol formulation and development.
 - (b) Raw materials used to develop shampoo. 16

OR

Describe in detail:

- (a) Controlled released cosmetics.
- (b) Use of nano-technology in development of new cosmetics.