Contents

Preface	υ
 1. Cosmetic and Cosmeceutical Products 1.1 Classification of Cosmetic and Cosmeceutical Products 2 1.2 Cosmetic Excipients 5 1.2.1 Surfactants 5 1.2.2 Rheology Modifiers 9 1.2.3 Humectants 10 1.2.4 Emollients 11 1.2.5 Preservatives 13 1.3 Skin 16 1.4 Hair 21 1.5 Oral Cavity 25 	1
2. Principles of Formulation and Building Blocks of Skin,	
 Hair and Oral Care Products 2.1 Skin Care Products 30 2.1.1 Face Wash 31 2.1.2 Moisturizing Cream 34 2.1.3 Cold Cream 38 2.1.4 Vanishing Cream 41 2.2 Hair Care Products 43 2.2.1 Conditioning Shampoo 46 2.2.2 Hair Conditioners 49 2.2.3 Antidandruff Shampoo 52 2.2.4 Hair Oils 57 2.2.5 Hair Dye or Hair Coloring 60 2.3 Oral Care Products 63 2.3.1 Toothpaste 63 2.3.2 Mouthwash 67 	30
 3. Sun Protection Cosmetics and Analytical Methods 3.1 Classification of Sunscreens and SPF 68 3.1.1 Classification of Sunscreens 68 3.1.2 Classification of SPF (Sunscreen Protection Factor) 69 3.2 Role of Herbals in Cosmetics 70 3.2.1 Skin Care Herbal Cosmetics 71 3.2.2 Hair Care Herbal Cosmetics 75 3.2.3 Oral Care Herbal Cosmetics 79 3.3 Analytical Cosmetics 84 3.3.1 Analytical Method for Shampoo 84 3.3.2 Analytical Method for Skin Cream 86 3.3 Analytical Method for Toothpaste 86 	68

 4. Cosmetics: Definition, Evolution and Measurement 4.1 Definition of Cosmetics 88 4.1.2 Definition of Cosmetics as per Indian Legislations 88 4.1.2 Definition of Cosmetics as per EU (Europe) Regulations 88 4.1.3 Cosmetics as Quasi and OTC Drugs 89 4.2 Evolution of Cosmeceuticals from Cosmetics 91 4.2.1 History 94 4.2.2 Principle of Cosmeceutical Evaluation—Sebumeter 94 4.3. Principle of Cosmeceutical Evaluation—Corneometer 94 4.3. Principle of Cosmeceutical Evaluation—Corneometer 94 4.3 Measurement of Cosmeceutical From Cosmetics 94 4.3.1 TEWL 95 4.3.2 Skin Color Measurements 96 4.3.3 Hair Tensile Strength Measurements 98 4.3.4 Hair Combing Properties 99 4.3.5 Soaps and Syndet Bars 103 4.4 Evolution and Skin Benefits 105 5. Cosmetic Problems Associated with Skin and Hair and Scalp 5.1 Basic Understanding of Skin 108 5.1.1 Dry Skin 110 5.1.2 Skin Moisturisation 111 5.1.3 Oily Skin 112 5.1.4 Cosmetic Problems Associated with Skin 112 5.2 Detail Study of Some Important Terms 114 5.2.3 Blemishes 117 5.2.4 Wrinkles 118 5.2.5 Acne 121 5.2.6 Prickly Heat 125 5.2.7 Body Odor 126 5.3 Cosmetic Problems Associated with Hair and Scalp 129 5.4 Antiperspirants and Deodorants—Activities and Mechanism of Action 134	88
Bibliography	137
Index	140

X