

GUJARAT TECHNOLOGICAL UNIVERSITY
B.PHARM - SEMESTER-8 EXAMINATION – WINTER -2023

Subject Code: BP809TT
Subject Name: Cosmetic Science
Time:02.30 p.m. to 5.30 p.m.

Date: 06/12/2023
Total Marks: 80

Instructions:

1. Attempt any five questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

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| Q.1 | (a) Write a note on Cosmetic excipients. | 06 |
| | (b) Explain in brief common problem associated with teeth and gums. | 05 |
| | (c) Discuss on hair growth cycle. | 05 |
| Q.2 | (a) Write a note on basic structure and function of skin. | 06 |
| | (b) Define Vanishing cream and Cold cream, Give advantages and disadvantages of cold cream. | 05 |
| | (c) Classify different types of Shampoo. Write a note on conditioning Shampoo. | 05 |
| Q.3 | (a) Write a note on Hair Oils. | 06 |
| | (b) Write about chemistry and formulation of Para-phenylene diamine based hair dye. | 05 |
| | (c) Discuss classification of sunscreens and SPF. | 05 |
| Q.4 | (a) Write about role of Neem and Clove in oral care products. | 06 |
| | (b) Discuss BIS specification and analytical methods for skin cream. | 05 |
| | (c) Give difference between Antiperspirants and Deodorants. Discuss in brief actives & mechanism of action of deodorants. | 05 |
| Q.5 | (a) Write a note on isoelectrical point, Hydrophilic power and shine properties of hair. | 06 |
| | (b) Write details on principles of sebumeter. | 05 |
| | (c) Write a detail about soap and syndet bars. | 05 |
| Q.6 | (a) How will you measure TEWL? Explain different methods for TEWL measurements. | 06 |
| | (b) Explain the term comedogenicity and dermatitis. | 05 |
| | (c) Discuss in detail various types of skin. | 05 |
| Q.7 | (a) What are the various causes of Hair loss? | 06 |
| | (b) Explain cosmetics as quasi and OTC drugs. | 05 |
| | (c) Explain formulation consideration for tooth paste. | 05 |
