

Enrollment No./Seat No.:

GUJARAT TECHNOLOGICAL UNIVERSITY
B.Pharm - SEMESTER - VIII EXAMINATION - WINTER 2025

Subject Code: BP809TT

Date: 17-11-2025

Subject Name: Cosmetic Science

Time: 02:30 PM TO 05:30 PM

Total Marks: 80

Instructions

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

	Marks
Q.1 (a) Define Cosmetics as per Indian regulations and discuss about cosmeceuticals in detail.	06
(b) Discuss cosmetics as quasi and OTC drugs.	05
(c) Explain basic structure and functions of skin.	05
Q.2 (a) Discuss the common problems associated with teeth and gums.	06
(b) Write about chemistry and formulation of Para-phenylene diamine based hair dye.	05
(c) Give the classification of types of Shampoo. Discuss conditioning Shampoo.	05
Q.3 (a) What is the role of Neem and Clove in tooth care products?	06
(b) Give the classification of Sunscreens and explain SPF in sunscreen formulations.	05
(c) Discuss the principles of formulation of Face wash.	05
Q.4 (a) What are the BIS specification and analytical methods for skin cream?	06
(b) Write a note on Hair Oils.	05
(c) Explain Antiperspirant and Deodorant.	05
Q.5 (a) Discuss Hair tensile strength and principles of sebumeter and corneometer.	06
(b) Discuss problems associated with Hair fall and Blemishes.	05
(c) What are the different methods for TEWL measurements? How will you measure TEWL by closed chamber method?	05
Q.6 (a) Define the terms: Emollients, Herbal cosmetics, Sun protection, Surfactants, Wrinkles, Dermatitis and Dandruff, .	06
(b) Explain the basic understanding of the term Comedogenic and blemishes.	05
(c) Discuss problems associated with prickly heat and body odor.	05
Q.7 (a) Define conditioning shampoo. Explain in brief formulation of anti-dandruff shampoo.	06
(b) Discuss in detail about soap and syndet bars.	05
(c) What are the various types of skin? Give methods to manage dermatitis.	05
