



SNS COLLEGE OF PHARMACY AND HEALTH SCIENCES

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Unit I Puzzles B.Pharm IV year/ VIII sem – COSMETIC SCIENCE

Case 1: The Overwashed Face Mystery

A student washes her face 6 times a day to get “extra fairness.” Instead, her skin becomes dry, itchy, and acne-prone.

☞ **Which skin structure was damaged, and why did overwashing backfire cosmetically?**

Case 2: The Shiny vs Dry Skin Confusion

Two friends use the same moisturizer. One looks oily within an hour, the other still feels dry and flaky.

☞ **Which skin glands explain this difference, and how do they influence cosmetic formulation?**

Case 3: The Sunscreen That Didn't Save the Wrinkles

A person never gets sunburn but develops wrinkles early—even with occasional sunscreen use.

☞ **Which UV rays are responsible, and which skin layer is silently aging?**

Case 4: The Hair That Snapped Midway

A girl complains her hair breaks in the middle, not from the root or tip—especially after coloring.

☞ **Which part of the hair shaft is weakened, and which cosmetic process caused the damage?**

Case 5: The Curly Hair in Humid Weather Puzzle

Straight hair turns curly on rainy days without any styling product.

☞ **Which type of chemical bond in hair is affected by moisture, and why does humidity act like a “free stylist”?**

Case 6: The Anti-Dandruff Shampoo That Failed

A man uses anti-dandruff shampoo daily, but flakes worsen instead of reducing.

☞ **Which scalp condition could be mistaken for dandruff, and why can cosmetics sometimes make it worse?**

Case 7: The Toothpaste Burn Incident

A new “extra-strong whitening toothpaste” causes burning sensation and ulcers after regular use.

☞ **Which oral cavity tissue is affected, and which type of ingredient likely caused irritation?**

Case 8: The Mouthwash That Killed the Good Guys

After long-term mouthwash use, a patient develops bad breath and oral infections.

☞ **Which beneficial oral microorganisms were disrupted, and what cosmetic mistake caused this imbalance?**

Case 9: The Lip Balm Addiction Puzzle

A person applies lip balm every hour but feels lips become drier without it.

☞ **Which skin feature of lips makes them vulnerable, and how can cosmetic dependency occur?**

Case 10: The “All-in-One” Cosmetic Disaster

A cosmetic claims to whiten skin, stop hair fall, cure dandruff, and remove bad breath—instantly.

☞ **Which basic cosmetic science principle is violated, and why is this claim scientifically funny?**