



**SNS COLLEGE OF PHARMACY AND HEALTH SCIENCES**

Sathy Main Road, SNS Kalvi Nagar,  
Saravanampatti Post, Coimbatore - 641 035,  
Tamil Nadu.



**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?**