

Manmohan Technical University  
Office of the Controller of Examinations  
**Exam Year: 2083, Ashar (Model Question)**

**Exam Roll:** .....  
**Exam Roll in words:** .....

School: SOMAHS	Level: Bachelor	Invigilator's Sign: .....
Program: B. Pharmacy	Year/Part: III/II	Superintendent's Sign: .....
<b>Subject: Cosmetology (BP 607 ELE)</b>		Code No. ....

**Multiple Choice Questions (1X10=10)**

- Which of the following is commonly used as a humectant in cosmetics?  
A. Talc    B. Zinc oxide    C. Glycerin    D. Kaolin
- A major challenge in formulating herbal cosmetics is:  
A. Low consumer acceptance    B. Lack of color options  
C. Excessive foaming    D. Standardization of herbal ingredients
- Which controversial ingredient may be released from certain preservatives?  
A. Glycerol    B. Formaldehyde    C. Lanolin    D. Sorbitol
- The active growth phase of hair is called:  
A. Catagen    B. Telogen    C. Anagen    D. Exogen
- Acne primarily affects:  
A. Sebaceous glands    B. Sweat glands    C. Hair shafts    D. Nails
- Titanium dioxide is an active ingredient in which type of sunscreen  
A. Organic sunscreen    B. Chemical Sunscreen  
C. Mineral Sunscreen    D. None of the above
- Hair conditioners mainly function to:  
A. Bleach hair    B. Increase hair dryness  
C. Remove pigments    D. Improve manageability and smoothness
- Deodorants are used to:  
A. Remove hair    B. Reduce body odor    C. Cure acne    D. Moisturize skin
- Bath Preparations include::  
A. Liquid Sopa    B. Shower Gel    C. Shampoo    D. Bath Oil
- Environment-friendly packaging aims to:  
A. Reduce environmental impact    B. Increase product weight  
C. Increase production cost    D. Enhance fragrance

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**Exam Year: 2083, Ashar**

School: SOMAHS	Level: Bachelor	Time: 3 Hours
Program: B.Pharmacy (M Odel Questions)	Year/Part: III/II	Full Marks: 50
<b>Subject: : Cosmetology (BP 607 ELE)</b>		

- ✓ Candidates are required to give their answers in their own words as far as practicable.
- ✓ The figures in the margin indicate **Full Marks**.
- ✓ Assume suitable data if necessary.

**GROUP A** (Multiple-Choice Questions are provided on separate sheet)

[10\*1=10]

**GROUP B** (Problem Based Question)

[1\*10=10]

1. A cosmetic company launches a herbal hair dye claiming:

- "100% natural"
- "Prevents hair graying permanently"
- "No preservatives added"

Upon laboratory testing, parabens are detected in the formulation and no scientific evidence supports the prevention of hair graying claim.

- a. Identify the regulatory issues associated with this product. [2]
  - b. Would this product be considered misbranded or spurious? Justify. [1]
  - c. What quality control measures should have been implemented before marketing? [2]
2. A consumer complains that a newly launched shampoo produces very little foam and leaves the hair dry and rough after washing. The manufacturer finds that the formulation contains a high amount of detergent.
1. Explain the reason for poor hair condition after use .[2]
  2. What role do conditioning agents play in shampoos? [1]
  3. Suggest modifications to improve the formulation. [2]

[4×5=20]

**GROUP C** (Long Answer Questions – Attempt Any four Questions)

1. Explain herbal cosmetics. Discuss their advantages, limitations, and challenges in formulation.

2. Explain the regulatory requirements for production, import/export and sales of cosmetic products. Discuss the concept of misbranded and spurious cosmetics.
3. Describe the anatomy and physiology of skin. Explain common skin disorders such as acne, prickly heat, and body odor.
4. Classify skin cleansing and moisturizing products. Discuss formulation components, functions, and evaluation of shampoo and sunscreen.
5. Discuss cosmetics used for hair care, oral hygiene and nail care. Include formulation principles and applications of conditioners, toothpastes and deodorants.

**GROUP D (Short Answer Questions -Attempt any Five )**

**[5\*2 = 10]**

1. Differentiate between decorative cosmetology and medicinal cosmetology.
2. Discuss the role of surfactants and humectants in cosmetic formulations.
3. Explain the hair growth cycle with suitable diagrams.
4. Write the composition and functions of an ideal lipstick.
5. Differentiate between soap and syndate .
6. Discuss the importance of packaging in improving patient/user compliance.

\*\*\*\*\* All the Best \*\*\*\*\*