

(6 pages)

Reg. No. : .....

Code No. : 20625 E Sub. Code : ESCH 22

B.Sc. (CBCS) DEGREE EXAMINATION, APRIL 2025.

Second Semester

Chemistry

Skill Enhancement Course — COSMETICS AND  
PERSONAL GROOMING

(For those who joined in July 2023 onwards)

Time : Three hours Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer :

1. What is the primary purpose of a sunscreen formulation?  
(a) Exfoliation  
(b) Moisturization  
(c) Protection from UV radiation  
(d) Skin lightening

2. What is the primary purpose of a moisturizing lotion?  
(a) Oil control (b) UV protection  
(c) Hydration (d) Skin exfoliation
3. Which ingredient is commonly found in shampoos for oily hair to remove excess oil and dirt?  
(a) Glycerin  
(b) Argan oil  
(c) Sodium lauryl sulfate  
(d) Panthenol
4. Which ingredient is commonly found in conditioners to smooth the hair cuticle and reduce frizz?  
(a) Dimethicone (b) Parabens  
(c) Sulfates (d) Alcohol
5. What is the primary function of foundation in makeup?  
(a) Moisturizing the skin  
(b) Providing color to the skin  
(c) Creating a smooth base for makeup application  
(d) Setting the makeup in place

6. Which ingredient provides the creamy texture in lipstick formulations?
- (a) Beeswax                      (b) Lanolin  
(c) Talc                              (d) Castor oil
7. What is the chief constituent of perfumes derived from natural plant sources?
- (a) Esters                          (b) Alcohols  
(c) Essential oils                  (d) Aldehydes
8. Which substance is obtained from the whale and used in perfumery?
- (a) Ambergris                      (b) Civetone  
(c) Musk                              (d) Sandalwood
9. What is the advantage of using a hydrating mask during a facial treatment?
- (a) Tightening pores  
(b) Drawing out impurities  
(c) Providing moisture to the skin  
(d) Exfoliating dead skin cells

10. What is the primary advantage of waxing for hair removal?
- (a) Temporary results  
(b) Minimal discomfort  
(c) Long-lasting smoothness  
(d) No risk of skin irritation

PART B — (5 × 5 = 25 marks)

Answer ALL questions, choosing either (a) or (b).

Each answer should not exceed 250 words.

11. (a) Write a note on skin care.  
Or  
(b) Discuss the key ingredients in skin tonics.
12. (a) Give the ingredients in hair conditioners.  
Or  
(b) What is mouth wash? What is its use?
13. (a) Discuss the role of pigments, binders, and preservatives in formulating rouge.  
Or  
(b) Explain the ingredients of lipstick and how its formulation affects its texture and finish.

14. (a) Write a note on civet one and musk.

Or

(b) Explain the role of esters in perfume formulations.

15. (a) Discuss the process of hair coloring and dyeing in beauty treatments.

Or

(b) Explain the process of manicure in beauty treatments. Discuss the benefits and potential risks of manicure for nail care.

PART C — (5 × 8 = 40 marks)

Answer ALL questions, choosing either (a) or (b).

Each answer should not exceed 600 words.

16. (a) Write a note on the nutrition of the skin.

Or

(b) Discuss astringents and skin tonics.

17. (a) Discuss the different types of shampoos.

Or

(b) Give the different ingredients in toothpaste and explain their role.

Page 5 Code No. : 20625 E

18. (a) Describe the types of foundation and their key differences. Explain the ingredients commonly found in foundation formulations.

Or

(b) Explain the purpose of using different types of eyeliner formulations (e.g., pencil, liquid, gel) and how their ingredients affect their performance.

19. (a) Describe the classification of perfumes based on their origin. Provide examples of plant-derived perfumes, including the parts of the plant used and their chief constituents.

Or

(b) Describe the classification of perfumes based on synthetic compounds. Explain the characteristics of each compound and their role.

20. (a) Describe the different types of facials commonly offered in beauty treatments. Explain the advantages and disadvantages of each type.

Or

(b) Discuss the different types of waxing techniques used in beauty treatments. Explain the benefits and potential risks of waxing for hair removal.

Page 6 Code No. : 20625 E