

(6 pages)

Reg. No. :

Code No. : 20385 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. Which ingredient is commonly found in gels for its ability to provide a cooling sensation?
(a) Salicylic acid (b) Jojoba oil
(c) Menthol (d) Retinol
2. What is the purpose of face powder in skincare?
(a) Hydration (b) Sun protection
(c) Oil protection (d) Skin exfoliation
3. What is the purpose of fluoride in toothpaste?
(a) Whitening the teeth
(b) Preventing cavities and strengthening tooth enamel
(c) Freshening breath
(d) Removing plaque
4. Which type of mouthwash is designed to kill bacteria and freshen breath without containing alcohol?
(a) Antiseptic mouthwash
(b) Fluoride mouthwash
(c) Cosmetic mouthwash
(d) Natural mouthwash
5. What type of foundation is best suited for oily skin?
(a) Powder foundation
(b) Cream foundation
(c) Stick foundation
(d) Liquid foundation

6. What is the purpose of using a concealer in makeup?

- (a) To highlight the cheekbones
- (b) To contour the nose
- (c) To cover blemishes, dark circles, and imperfections
- (d) To add color to the lips

7. What is civetone derived from?

- (a) Civet cat (b) Musk deer
- (c) Sandalwood tree (d) Jasmine flower

8. Which part of the plant is commonly used in the extraction of natural perfumes?

- (a) Flowers (b) Leaves
- (c) Roots (d) All the above

9. Which type of face mask is known for its ability to draw out impurities and excess oil from the skin?

- (a) Hydrating mask (b) Clay mask
- (c) Sheet mask (d) Gel mask

10. Which beauty treatment involves exfoliating and moisturizing the feet?

- (a) Manicure (b) pedicure
- (c) Bleaching (d) Face mask

PART B — (5 × 5 = 25 marks)

Answer ALL questions, by choosing either (a) or (b).
Each answer should not exceed 250 words.

11. (a) Write a note on face powder.

Or

(b) Discuss the formulation and advantages of gels.

12. (a) Write a note on powder shampoo.

Or

(b) What are mouth wash?

13. (a) Discuss the role of emollients, humectants, and occlusives in formulating moisturizing lipsticks, and how they help prevent dryness and chapping.

Or

(b) Explain how concealers work to conceal imperfections such as dark circles, blemishes, and redness.

14. (a) Give some flowers from which perfumes are obtained and the chemical components present in them.

Or

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

15. (a) Describe the process in pedicure in beauty treatments. Discuss the advantages and disadvantages of pedicure for foot care.

Or

(b) Discuss the process of shaping the eyebrows in beauty treatments.

PART C — (5 × 8 = 40 marks)

Answer ALL questions, by choosing either (a) or (b).
Each answer should not exceed 600 words.

16. (a) Write a note on sun screens.

Or

(b) What are moisturizers? Discuss their role in skin care.

17. (a) Discuss the role of shampoo in hair cleansing.

Or

(b) Write a note on toothpaste.

18. (a) Explain the different types of foundations and their ingredients.

Or

(b) Describe the ingredients commonly found in eyeshadow and mascara formulations and their functions.

19. (a) Describe the classification of perfumes based on their origin and write a note on animal-derived perfumes.

Or

(b) Write a note on synthetic perfumes and explain the characteristics of each compound and their role.

20. (a) Describe the different types of bleach used in beauty treatments. Explain the advantages and disadvantages of bleach for skin lightening.

Or

(b) Describe the different types of facials and their effects in maintaining beauty.