



**2020/TDC(CBCS)/ODD/SEM/
CHMSEC-501T/297**

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**TDC (CBCS) Odd Semester Exam., 2020
held in March, 2021**

CHEMISTRY

(5th Semester)

Course No. : CHMSEC-501T

(Cosmetics and Perfumes)

Full Marks : 50

Pass Marks : 20

Time : 3 hours

*The figures in the margin indicate full marks
for the questions*

SECTION—A

Answer any *fifteen* questions : $1 \times 15 = 15$

1. Give any one suitable example of herbal hair dye.
2. What is the use of hair spray?
3. What are the safest sunscreen ingredients?

4. What is shampoo?
5. Write the name of the elements mainly found in talc.
6. What are the uses of face powder?
7. What is cold cream used for?
8. What is vanishing cream used for?
9. Does shaving cream contain alcohol?
10. Give an example of artificial flavour.
11. What is antiperspirant?
12. Which metal and its compounds are widely used as active antiperspirant?
13. Give an example of monoterpenoid essential oils.
14. Write the molecular structure of eugenol.
15. Write the molecular structure of geraniol.



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16. Write the name of an essential oil that has sweet rose floral odour.
17. Write the name of the flowers from which rose oil is generally extracted.
18. Write the name of the main odorous constituents of civet oil.
19. Write the name of the compound used in face powders to make it adhere to skin.
20. What is the primary function of shampoo?
21. Give an example of thickening agent used in shampoo.
22. Write the name of primary film former agent of a nail enamel.
23. Write the name of an active solvent used in nail enamel.
24. State the main components of hair remover cream.

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25. Write the name of an oxidizing agent used in bleaching cream.
26. Write the name of a bleaching agent used in bleaching cream.
27. What is the role of chalk in face powder?
28. Write the name of the solvents used in nail polish remover.
29. Which types of compounds are used as secondary film former in nail enamel?
30. What is rouge?

SECTION—B

Answer any *five* questions :

2×5=10

31. Give the name of harmful ingredients of hair spray.
32. Describe briefly the composition of sunscreen lotion.
33. Why is borax used in cold cream?
34. What is the difference between cold cream and vanishing cream?



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35. State the composition of good perfume.
36. What is the role of solvent in perfume?
37. What is the function of plasticizers used in nail enamel?
38. How can you make hair removal cream at home?
39. What is the primary function of sunburn lotion?
40. What is the primary function of cold cream?

SECTION—C

Answer any *five* questions : 5×5=25

41. Describe briefly the preparation of talcum powder.
42. State the method of preparation for nail enamel.
43. Describe briefly the raw materials and their source used in shaving cream.

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44. What is flavour? Describe briefly the role of flavour in cosmetic industry.
45. Describe a suitable method for the extraction of essential oil from plant source.
46. Describe briefly the use and purpose of 2-phenylethyl alcohol in the cosmetic products.
47. Describe briefly about the epilatory hair remover.
48. Write the method of preparation for shampoo.
49. What are the types of face creams? Also mention the function of each type.
50. Describe in brief about the method of preparation of hair dye.
