



Date:

Registration number:

ST. JOSEPH'S COLLEGE (AUTONOMOUS), BENGALURU-27
UG-IV SEMESTER (OPEN ELECTIVE)
SEMESTER EXAMINATION: APRIL 2022
(Examination conducted in July 2022)

CHOE 4118 – Cosmetic Chemistry

Time- 1 ½ hr

Max Marks-35

Note: This question paper contains **FOUR** printed pages and **35** questions

Answer all 35 Questions

[1 X 35=35]

1. Which of the following is not a cosmetic brand?
a) Gillette b) Johnson's c) Unilever d) Nestle
2. EDTA is incorporated in shampoos as
a) preservative
b) clarifying agent
c) sequestering agent
d) conditioner
3. Which of the following is not a quality control test for shampoo?
a) dirt dispersion b) eye-irritancy test c) streaking d) pH
4. Why are rabbits used in the procedure of Draize tests?
a) They are small and gentle
b) They are relatively cheap to maintain
c) They breed fast
d) They have no tear ducts
5. The antidandruff agent in shampoo is
a) Coal tar b) Zinc pyritione c) Selenium sulphide d) b & c
6. Name the organism that feeds on oils on the scalps of most adults and causes dandruff.
a) malassezia
b) E.coli
c) retrovirus
d) pseudomonas
7. Name the protein pigment that protects us from ultraviolet radiation.
a) melanin b) keratin c) casein d) carmine
8. Bleaching of hair is _____ reaction.
a) oxidation b) reduction c) redox d) photochemical

9. The nail paint remover among the following is
a) acetone b) mica c) resin d) ethyl acetate
10. The UV stabiliser in nail polish is
a) benzophenone
b) formaldehyde
c) acetates
d) Camphor
11. Cochineal bugs were crushed to make which colour pigment for lipsticks?
a) red b) purple c) pink d) peach
12. Polyparaben is _____ agent used in lipsticks.
a) coloring b) antifungal c) antibacterial d) thickening
13. The type of hair dye which penetrates only the outermost layer of the hair shaft is
a) permanent hair dye
b) pseudo permanent hair dye
c) semi permanent hair dye
d) temporary hair dye
14. The toxic ingredient in lipstick among the following is
a) Red 22 b) bee wax c) sodium benzoate d) iron oxide
15. Which among these is not a feature of lipstick?
a) High retention of colour
b) Should have pleasant odour and flavour
c) Smooth and easy to apply
d) Should melt at body temperature
16. The process of applying hydrogen peroxide solution to whiten discoloured and stained tooth is known as
a) scaling
b) bleaching
c) cleansing
d) endodontics
17. Toothpaste containing _____ should be used to prevent dental caries.
a) boric acid
b) sodium fluoride
c) potassium chloride
d) aluminium hydroxide
18. The abrasive used in toothpaste is
a) hydrated silicon dioxide b) sorbitol c) sodium fluoride d) ethanol

19. The holes that damage the structure of teeth is termed as
- cavities
 - gingivitis
 - periodontitis
 - halitosis
20. Which part of the clove plant is used to extract clove oil?
- leaves
 - flower bud
 - roots
 - seeds
21. Essential oils are usually obtained using
- solvent extraction
 - steam distillation
 - leaching
 - extractive distillation
22. The composition of an essential oil from a plant source depends on
- species
 - region grown
 - age of tree
 - all of these
23. The essential oil that contributes to the musk odour is
- civetone
 - muscone
 - ambergris
 - eugenol
24. Which of the following statement is true?
- Soaps and detergents both are used only in hard water
 - Soaps and detergents both are used only in soft water
 - Soap is used only in soft water while detergent can be used in soft as well as hard water
 - Detergent is used only in soft water while soap is used in soft and hard water both
25. The word "perfume" originally comes from "per fumare", which means?
- for women
 - through smoke
 - fragrance
 - for nose
26. The perfume capital of India is
- Lahore
 - Kannauj
 - Kashmir
 - Hyderabad
27. Bath soap is a mixture of :
- potassium salts of higher fatty acids
 - sodium and calcium salts of higher fatty acids
 - potassium palmitate and sodium stearate
 - sodium salts of higher fatty acids
28. The hydrophobic end of the soap dissolves in
- oil
 - ice
 - hot water
 - cold water

- 29.** Which of the following is a herbal bath powder?
- a) Sandalwood powder
 - b) Talcum powder
 - c) Silica
 - d) China clay
- 30.** The main constituent in soaps and detergents responsible for the cleansing action is
- a) plasticizers
 - b) dyes
 - c) surfactants
 - d) lather enhancers
- 31.** The ideal range of pH for scalp is
- a) Above 6.5
 - b) Between 5.5 and 6.5
 - c) Below 5.5
 - d) Between 4.5 and 5.5
- 32.** The light and dark shades of skin differs by the
- a) number of epidermal cells
 - b) amount of melanin
 - c) number of melanocytes
 - d) number of nerve endings
- 33.** What are emollients?
- a) moisturizers
 - b) cleansers
 - c) Face wash
 - d) scrubs
- 34.** Which type of UV ray is primary cause of sunburn?
- a) UVA
 - b) UVB
 - c) UVC
 - d) All of these
- 35.** What does SPF stands for?
- a) Sun protection formulae
 - b) Skin protection factor
 - c) Sun protection factor
 - d) Skin protection formulae