

GIARRANO-SENIOR COSMETOLOGY- OFF-SITE LEARNING PACKET DAY 7

DIRECTIONS:

1. IF YOUR PACKET BEGINS WITH A SUMMARY AND REVIEW PLEASE READ THOSE PAGES FIRST
2. COMPLETE THE WORK SHEETS AND VOCABULARY WHERE IF INCLUDED. YOU MAY GOOGLE AND REFERENCE THE MILADY WEB SITE FOR VOCABULARY WORDS. NOT ALL ASSIGNMENTS CONTAIN VOCABULARY, OR WORK SHEETS. THEY MAY BE SLIGHTLY DIFFERENT.
3. COMPLETE THE PRACTICE TESTS TO THE BEST OF YOUR ABILITY.
4. YOU MAY USE YOUR MILADY OR COURSEMATE ONLINE PROGRAM TO ASSIST YOU IN ANY WAY.
5. PLEASE PUT YOUR NAME ON EVERY PAGE YOU HAVE COMPLETED.

NAME: _____ DATE: _____

✓ TEST — CHAPTER 11 — PROPERTIES OF THE HAIR AND SCALP

- The study of hair is known as _____.
 - histology
 - trichology
 - bacteriology
 - dermatology
- A mature strand of human hair is divided into two principal parts known as the _____.
 - follicle and cuticle
 - hair root and follicle
 - hair shaft and follicle
 - hair root and hair shaft
- What structure in the skin or scalp encases a hair root?
 - Hair follicle
 - Hair bulb
 - Dermal papilla
 - Arrector pili
- What is the lowest part of the hair strand?
 - hair follicle
 - hair bulb
 - dermal papilla
 - arrector pili
- What structure is described as a small, cone-shaped elevation located at the bottom of the hair follicle?
 - lower follicle
 - hair bulb
 - dermal papilla
 - arrector pili
- What small involuntary muscle is attached to the underside of a hair follicle?
 - arrector pili
 - hair bulb
 - dermal papilla
 - hair strand
- Oil glands of the skin, connected to the hair follicles, are known as _____.
 - sudoriferous glands
 - endocrine glands
 - lymph glands
 - sebaceous glands
- Of the 20 amino acids that make up hair, a person must obtain _____ of the essential amino acids from daily diet.
 - seven
 - nine
 - eleven
 - thirteen
- The three main layers of the hair shaft are the _____.
 - outer, inner, and central
 - cuticle, cortex, and medulla
 - cuticle, inner root, and medulla
 - cortex, medulla, and dermis
- What substance in the cortex gives natural color to the hair?
 - Protein
 - Melanin
 - Sebum
 - Tissue
- As newly formed cells mature, they fill up with a fibrous _____, then move upward, lose their nucleus, and die. This process is called keratinization.
 - protein
 - melanin
 - sebum
 - tissue

12. Normal hair contains _____ percent of the element carbon.
- 6
 - 17
 - 21
 - 51
13. Normal hair contains _____ percent of the element oxygen.
- 6
 - 17
 - 21
 - 51
14. In the makeup of normal human hair, what COHNS element is present in the lowest percentage?
- Nitrogen
 - Sulfur
 - Hydrogen
 - Oxygen
15. The chemical bond that joins amino acids to each other is called a _____.
- peptide bond
 - nucleotide bond
 - COHNS bond
 - cystine bond
16. In the cortex, a side bond that is easily broken by strong alkaline or acidic solutions is a called a _____ bond.
- hydrogen
 - disulfide
 - salt
 - keratin
17. The cortex contains coloring matter in the form of minute grains of _____, or pigment.
- medulla
 - albino
 - melanin
 - marrow
18. Pheomelanin provides natural hair colors from _____ to yellow and blond tones.
- platinum and silver
 - brown and maroon
 - brown and black
 - red and ginger
19. The shape of a hair strand, described as straight, wavy, curly, or extremely curly, is known as its _____.
- texture
 - density
 - porosity
 - wave pattern
20. Short, fine, downy, unpigmented hair is known as _____ hair.
- terminal
 - dense
 - vellus
 - dry
21. What place on the body would normally include vellus hair?
- eyelids
 - palms of the hands
 - soles of the feet
 - armpits
22. Long, coarse, pigmented hair found on the scalp, legs, arms, and body is known as _____.
- vellus hair
 - lanugo hair
 - terminal hair
 - stationary hair
23. All hair follicles have the same structure and cycle through the same three phases, which are _____.
- androgen (growing), catagen (transitional), and teratogen (resting)
 - anagen (growing), mutagen (transitional), and telogen (resting)
 - androgen (growing), catagen (transitional), and teratogen (resting)
 - anagen (growing), catagen (transitional), and telogen (resting)

24. The loss of hair in round or irregular patches without inflammation is known as _____.
- androgenetic alopecia
 - telogen effluvium
 - alopecia areata
 - traumatic alopecia
25. What treatment has been scientifically proven to increase hair growth and is approved for that purpose by the Food and Drug Administration (FDA)?
- Minoxidil
 - Scalp massage
 - Selenium sulfide
 - Ketoconazole
26. *Canities* is the technical term for _____.
- straight hair
 - ringed hair
 - abnormal hair growth
 - gray hair
27. What type of hair is caused by the absence of melanin?
- Gray hair
 - Curly hair
 - Porous hair
 - Terminal hair
28. The technical term for split ends is _____.
- hypertrichosis
 - ringed hair
 - trichoptilosis
 - canities
29. The technical term for hair that is in a dry, brittle condition with nodular swellings along the hair shaft is _____.
- trichoptilosis
 - trichorrhexis nodosa
 - hypertrichosis nodosa
 - monilethrix
30. Monilethrix is the technical term for _____.
- beaded hair
 - ring worm
 - crusty scalp
 - severe dandruff
31. A scalp condition characterized by red papules or spots at the opening of hair follicles is _____.
- tinea capitis
 - tinea favosa
 - pediculosis capitis
 - scabies
32. When a client exhibits signs of _____, salon service should be limited to referring the client to a physician for medical treatment.
- acquired canities
 - hypertrichosis
 - fragilitas crinium
 - scabies
33. What contagious condition is caused by head lice?
- tinea capitis
 - tinea favosa
 - pediculosis capitis
 - scabies
34. What is the technical term for a boil – an acute, localized bacterial infection of the hair follicle that produces constant pain?
- carbuncle
 - tinea
 - scabies
 - furuncle

35. What term refers to an infection of the hair follicles frequently caused by staphylococcus or other bacteria?
- a. dermatitis
 - b. folliculitis
 - c. tinea capitis
 - d. pityriasis
36. Hair texture refers to the _____ of the hair.
- a. thickness or diameter
 - b. thickness or softness
 - c. length and thickness
 - d. density and fineness
37. The number of individual hair strands on one square inch of the scalp indicates hair _____.
- a. texture
 - b. density
 - c. porosity
 - d. elasticity
38. Hair with low porosity is considered _____.
- a. elastic
 - b. overprocessed
 - c. saturated
 - d. resistant
39. The strength of the side bonds that hold the hair's individual fibers in place is indicated by hair _____.
- a. texture
 - b. porosity
 - c. wiriness
 - d. elasticity
40. Hair that forms a circular pattern is called a _____.
- a. hair stream
 - b. cowlick
 - c. whorl
 - d. rotary