

REEDY-SENIOR COSMETOLOGY- OFF-SITE LEARNING PACKET DAY 9

1. PLEASE READ THE SUMMARY AND QUESTIONS PAGE FIRST
2. COMPLETE THE WORK SHEETS AND VOCABULARY WHERE IT PERTAINS. 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: _____ Class: _____ Date: _____

ID: A

Nail Structure and Growth

Multiple Choice

Identify the choice that best completes the statement or answers the question.

- _____ 1. The natural nail is part of what system?
- Muscular
 - Integumentary
 - Skeletal
 - Protective
- _____ 2. The natural nail is composed mainly of a hard, fiber-shaped _____.
- protein
 - adipose tissue
 - matrix
 - eponychium
- _____ 3. Which statement is true of the nail plate?
- It requires oxygen.
 - It is made of living cells.
 - It is more porous than normal skin of equal thickness.
 - It is rigid and impermeable.
- _____ 4. As it grows, the _____ slides across the nail bed.
- cuticle
 - nail plate
 - nail grooves
 - mantle
- _____ 5. The nail plate is formed by the _____.
- matrix cells
 - cuticle
 - mantle
 - grooves
- _____ 6. Which of the following may appear to be one solid piece, but is actually constructed of about 100 layers of nail cells?
- Lunula
 - Nail bed
 - Nail folds
 - Nail plate
- _____ 7. The part of the nail plate that extends over the tip of the finger or toe is called the _____.
- cuticle area
 - nail body
 - free edge
 - extension

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- _____ 8. The portion of living skin that supports the nail plate is the nail _____.
a. root
b. bed
c. groove
d. matrix
- _____ 9. Which part of the nail unit is richly supplied with blood vessels and with nerves?
a. Lunula
b. Nail bed
c. Nail folds
d. Nail plate
- _____ 10. The nail bed contains many nerves and is attached to the nail plate with a thin layer of tissue called the _____.
a. bed eponychium
b. bed lunula
c. nail mantle
d. bed epithelium
- _____ 11. Karen is very nervous at her first job interview. Her hands are sweating so much that she thinks her fingernails are sweating. In reality, from which part of the nail unit is the sweat most likely arising?
a. Lunula
b. Nail bed
c. Nail folds
d. Nail plate
- _____ 12. Nail polish is applied to the _____.
a. lunula
b. nail bed
c. nail folds
d. nail plate
- _____ 13. The area of the nail where the nail plate cells are formed is the _____.
a. extension
b. matrix
c. lunula
d. free edge
- _____ 14. The lighter color of the _____ shows the true color of the matrix.
a. lunula
b. nail bed
c. nail folds
d. nail plate
- _____ 15. The dead, colorless tissue attached to the natural nail plate is the _____.
a. ligament
b. eponychium
c. cuticle
d. lunula

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- _____ 16. The living skin at the base of the nail plate is the _____.
a. eponychium
b. hyponychium
c. free edge
d. bed epithelium
- _____ 17. The slightly thickened layer of skin that lies between the fingertip and the free edge of the natural nail plate is the _____.
a. eponychium
b. mantle
c. hyponychium
d. matrix
- _____ 18. When clipping his own nails, Jose accidentally (and painfully) clips the skin under the nail between the fingertip and the free edge. What has he clipped?
a. Ligament
b. Hyponychium
c. Nail groove
d. Eponychium
- _____ 19. The tough band of fibrous tissue that connects bones is the _____.
a. bed epithelium
b. ligament
c. open muscle
d. nail tendon
- _____ 20. The nail bed and matrix bed are attached to the underlying bone by _____.
a. ligaments
b. nail folds
c. nail grooves
d. eponychium cells
- _____ 21. The skin that overlaps the side of the nail is called the _____.
a. lateral matrix
b. sidewall
c. nail wall
d. eponychium
- _____ 22. Normal, healthy nails grow in a variety of shapes, depending upon the shape of the _____.
a. fingers
b. eponychium
c. matrix
d. free edge
- _____ 23. A longer nail matrix produces a _____ nail plate.
a. longer
b. shorter
c. thicker
d. thinner

Name: _____

- _____ 24. Nail growth rates increase dramatically during _____.
- winter
 - old age
 - the last trimester of pregnancy
 - after pregnancy and the delivery of a baby
- _____ 25. As a person ages, parts of the nail matrix begin to permanently slow down production, causing _____.
- nails to fall off with even slight injuries
 - death of the nail bed and cessation of nail growth
 - the development of nail ridges that should be filed away
 - the plate to develop a series of narrow grooves running down the length of the plate