

# Milady Chapter 9 Final Exam Study Guide and Milady Chapter 9(Actual Exam with Complete Solution

1. The natural nail is part of what system? - ANSWER Integumentary
2. The natural nail is composed mainly of a hard, fiber-shaped \_\_\_\_\_. - ANSWER Protein
3. What is true of the nail plate? - ANSWER It is more porous than normal skin of equal thickness.
4. As it grows, the \_\_\_\_\_ slides across the nail bed. - ANSWER Nail plate
5. The nail plate is formed by \_\_\_\_\_. - ANSWER Matrix cells
6. What may appear to be one solid piece, but is actually constructed of about 100 layers of nail cells? - ANSWER Nail plate
5. The part of the nail plate that extends over the tip of the finger or toe is called the \_\_\_\_\_. - ANSWER Free edge
8. The portion of living skin that supports the nail plate is the nail \_\_\_\_\_. - ANSWER Bed
9. Which part of the nail unit is richly supplied with blood vessels and with nerves? - ANSWER Nail bed
10. The nail bed contains many nerves and is attached to the nail plate with a thin layer of tissue called the \_\_\_\_\_. - ANSWER 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 is the sweat most likely arising? - ANSWER Nail folds
12. Nail polish is applied to the \_\_\_\_\_. - ANSWER Nail plate
13. The are of the nail where the nail plate cells were formed is the \_\_\_\_\_. - ANSWER Matrix
14. The lighter color of the \_\_\_\_\_ shows the true color of the matrix. - ANSWER Lunula

# Milady Chapter 18 Study Guide

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$\omega$  represents the frequency of a sine wave when we write it this way  $\sin \omega t$  if  $\omega = 1$  the sin completes one cycle in  $2\pi$  seconds if  $\omega = 2\pi$  the sin completes one cycle sooner every 1 second for  $f = 1$  if  $\omega = 2\pi f$  the sin completes one cycle even faster every  $1/f$  seconds or equivalently sin completes  $f$  cycles in 1 second

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