

Forensics Study Guide – Chapters 3 & 4

Hair, Fiber, and Textiles Analysis

1. Study any Quizlets made for chapters 3 and 4.
2. Be able to match fibers with their source.
3. Can hair ever be considered individual evidence?
4. How are synthetic and natural fibers different?
5. How can an animal hair be distinguished from a human hair?
6. How fast does human hair grow?
7. How many types of hair are found on a human body? Which ones are typically found at crime scenes?
8. What are the five medulla patterns?
9. Why do mammals have hair?
10. Why is hair analysis helpful in solving crimes? Be thorough!
11. Why is it important to collect fibers as soon as possible in a crime scene? Be specific.
12. Know/Apply the following terms:
 - anagen
 - catagen
 - cellulose
 - class evidence
 - coronal
 - cortex
 - cuticle
 - hair follicle
 - hair shaft
 - imbricate
 - infrared spectroscopy
 - medulla
 - medullary index
 - natural fibers
 - plain weave
 - polarizing light microscopy
 - secondary transfer
 - spinous
 - synthetic fibers
 - telogen
 - thread count