

Sharyland ISD Study Guide

Forensics Semester 1



Student Name: _____

Student ID: _____

Name: _____ Class: _____ Date: _____

Forensics CBA- Part 1 Study-guide

1. List the duties of a forensic scientist.
2. Know about the different agencies that maintain their own crime Lab such as: DEA, FBI, and ATF.
3. Know when the Daubert vs. Merell Dow court case happened and why.
4. Know about the significance of the Ronald Cotton Case.
5. Know examples of physical evidence.
6. Be able to distinguish between class evidence and individual evidence and know examples for each.
7. Know the significance of the Helle Craft case.
8. What is considered the crime scene? What steps are used in approaching the crime scene?
9. Crime scene sketches consist of what?
10. What is the chain of custody in entering the crime scene?
11. Know what trace evidence is and some examples.
12. Know the difference between natural fibers and synthetic. Also be able to name examples for each.
13. The fiber burn test lab activity helps identify some characteristics of fibers. What does wool smell like when burned?
14. How do you determine hair from animal or human?
15. What are the characteristics of human hair and what is the difference between hairs from different races?
16. Where can nuclear DNA be found?
17. What are the four stages of complete metamorphosis of an insect?
18. What are sutures? Sutures help determine what about the victim?
19. How do you determine gender of an unknown skeleton?
20. The human race can be divided into three major skull categories. What are the three and what kinds of race make up each one?
21. Describe the three types of fingerprints. What is the most common print? The least common?
22. Know the difference between latent, plastic, and visible prints. Know an example of each.
23. What are some examples of long bones in the human body?
24. What is a fingerprint composed mostly of?
25. Know some ways in obtaining fingerprints if on paper, cardboard, glass, hard surface?
26. Where can ridge characteristics be found on the human body?
27. What are the characteristics of glass? How can it be used in solving criminal cases?

Vocabulary to define and study.

-Algor Mortis -Livor Mortis -Rigor Mortis

-Anthropology -Serology -Entomology -Toxicology -Osteology

-IAFIS -Dactyloscopy -Evidence -Soil - Probative -Plea bargain

-Miranda Rights -Civil law -Locard Principal -Testimonial evidence -Density

-Expert witness