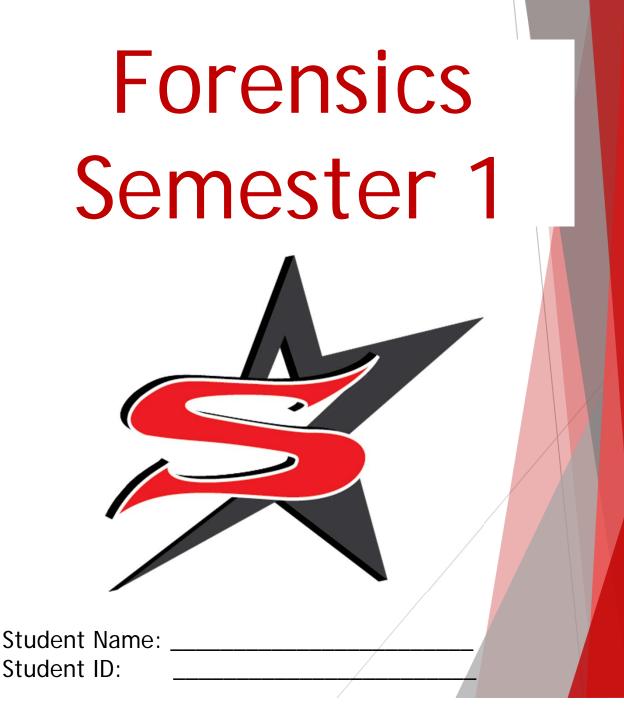
Sharyland ISD Study Guide



Class:_____

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 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