

1. Who created the first system of classification and identification?
2. List 5 examples of measurements used for this system of identification. (case studies)
3. What is the significance of the Will West case? (case studies)
4. Who developed the fingerprint classification system that is used in the United States?
5. What type of characteristic is a fingerprint? (individual or class?)
6. What is the purpose of skin ridges?
7. What is another name for a dermal ridge?
8. Where on the human body are these ridges located?
9. When a person touches something, he/she leaves behind a fingerprint. What does this impression consist of?
10. Anatomy of a Fingerprint:
 - a. What is the outer layer of the skin called?
 - b. What is the inner layer of the skin called?
 - c. Which part of the skin actually causes the ridge patterns of a fingerprint?
 - d. Which structure in the skin produces the materials that leave fingerprints?
 - e. Where does the oil that is deposited with fingerprints come from?
11. When are a person's fingerprints formed?
12. Can fingerprints be permanently destroyed?
13. What are the three main patterns of prints, and how common (%) is each?
14. Be able to identify:
 - a. Radial loop
 - b. Ulnar loop
 - c. Plain whorl
 - d. Central pocket whorl
 - e. Double loop whorl
 - f. Accidental whorl
 - g. Plain arch
 - h. Tented arch
15. What is a core?
16. What is a delta?
17. Define ridge count.
18. Do identical twins have the same fingerprints?
19. What is the term for the small details that result in unique ridge patterns?
20. How many individual ridge characteristics are contained on the average fingerprint?
21. How many matching characteristics are needed for a case in court?
22. Be able to identify these minutiae:
 - a. Bifurcation
 - b. Ridge ending
 - c. Lake or enclosure
 - d. Dot or island
 - e. Independent ridge
 - f. Spur
 - g. Bridge or crossover
23. What is the name of the automated system that the FBI and other agencies use to match fingerprints? Does it make the final match?
24. Define the three types of fingerprints left at crime scenes? Give examples of each.
 - a. Latent
 - b. Visible
 - c. Plastic
25. **REMEMBER – USE THE L.A.W. and Beyond the Pattern Worksheet! Anything on it is fair game for the test!**