* List the methods of recording a crime-scene and describe the job of each member of a crime scene team
* Why is it so critical to photograph a crime scene in it unaltered condition?
* What information must it accurately reflected in a rough sketch? What are the possible methods for measuring evidence at a crime scene
* Describe the different search patterns that may be used at a crime scene and under what situations are each most likely used.
* How is evidence packaged when collected from a crime scene? Why is it important to package items of physical evidence in separate containers?
* Why shouldn’t ordinary mailing envelopes be used for packaging physical evidence?
* Describe a druggist fold and explain why it is a superior way to package small amounts of trace evidence.
* Define *chain of custody* and explain why maintaining a proper chain of custody is important. What are the possible consequences of failing to maintain a proper chain of custody?
* What is a standard/reference sample and why is it important to the criminalist?
* List situations in which a warrantless search may be justified.
* Describe how the Michigan vs Tyler and Mincey vs Arizona cases were important to search and seizure laws
* Any evidence gathered as a result of an illegal search , even if it is at some time later will be excluded from evidence based on the Fruit of the Poisonous Tree doctrine.
* Blood type is considered to be class evidence. Although it may not specifically identify the suspect, how can class evidence still be useful in helping to investigate a crime.
* When examining physical evidence, what is meant by comparison versus identification?
* Be able to distinguish between class versus individual evidence
* Explain how the product rule can be used to determine whether two blood samples come from the same source.
* Describe the various database files available for certain evidence
* Identify the error(s) in the following scenario:

At the scene of a crime, an evidence collector found a damp, bloody shirt. He quickly wrapped the shirt in a plastic bag and inserted it in a large, paper evidence bag. The evidence collection log was completed and placed inside the bag. The bag was sealed with tape, and the collector wrote his name on the front of the bag.