

Format: 27 multiple choice questions and 4 open ended questions

Concepts to Review:

- Introduction to Forensic Science
 - Be able to describe the purpose of *forensic science*.
 - Be able to explain the difference between a *pure science* and an *applied science*.
 - Be able to explain how forensic science has changed as a result of technological advances.
 - Be able to describe the specific jobs of the following forensic scientists: *forensic biologist, forensic pathologist, forensic anthropologist, forensic odontologist, forensic nurse, forensic entomologist, forensic toxicologist, criminalist, forensic engineer, forensic psychologist, forensic psychiatrist, forensic document examiner*.
 - Be able to describe some of the *limitations* of forensic science.
 - Be able to describe the purpose of a forensic scientist's *laboratory notebook*.

- Evidence and the Legal System
 - Understand the difference between an *observation* and an *inference*.
 - Understand the difference between *direct evidence* and *circumstantial evidence*, and be able to give examples and recognize examples of each of these types of evidence.
 - Be able to explain the role of *physical evidence* in forensic science.
 - Be able to describe what burden of evidence is needed to *stop and question* a suspect, to *search* a suspect, to *arrest* a suspect, and to *convict* a suspect.
 - Be able to explain the roles of the following people in a criminal trial: *judge, grand jury, defendant, jury, prosecutor, defense attorney, bailiff, witnesses*.
 - Be able to describe the kinds of arguments that a prosecutor would make to the jury and how he or she would use forensic evidence to support such arguments.
 - Be able to describe the kinds of arguments that a defense attorney would make to the jury and how he or she would use forensic evidence to support such arguments.
 - Be able to explain the roles of “presumption of innocence” and “burden of proof” in a criminal trial.
 - Be able to describe some benefits of eyewitness testimony.
 - Be able to describe some *limitations* of eyewitness testimony.