Unit 5
Criminology

1. Crime Scene Investigation and Forensic Science Notes: 19 points
2. FBI Laboratory article project group questions: 6 points

25 total points

Question 1
This fictional character created by Sir Arthur Conan Doyle is considered to be the inspiration for the use of forensic science.

a. Dick Tracy  
b. Wonder Woman  
c. Superman  
d. Sherlock Holmes

Question 2
This forensic science discipline involves the use of bugs and insects in criminal investigations.

a. Forensic Serology  
b. Forensic Entomology  
c. Forensic Chromatography  
d. Forensic Cheiloscopy

Question 3
Which of the following is the most common fingerprint pattern?

a. Loops  
b. Whorls  
c. Arches

Question 4
The Lemberger murder case from Wisconsin in the 1930’s involved the use of which forensic tool?

a. Ballistics  
b. Fingerprint  
c. Polygraph  
d. Handwriting Samples

Question 5
After securing a crime scene, the next step for investigators is to.....

a. Record the Scene  
b. Search and Collect Evidence  
c. Submit Evidence for Processing  
d. Eat a doughnut
Question 6
CODIS is the national database for what type of forensic evidence?
- a. Fingerprints
- b. Ballistics
- c. Shoeprint
- d. DNA

Question 7
This *standard* for determining the admissibility of evidence was established by the *Supreme Court* in 1923.
- a. Frye
- b. Durham
- c. Daubert
- d. Keeler

Question 8
In this type of drug test, evidence is destroyed as the sample is *vaporized into a gas*.
- a. Color Test
- b. Microcrystalline
- c. Chromatography
- d. Spectroscopy

Question 9
An example of an early study in this discipline was the Rice Test in China.
- a. Forensic Serology
- b. Forensic Toxicology
- c. Criminal Profiling
- d. Polygraph

Question 10
This type of fingerprint is left at a crime scene after an individual comes into contact with a substance like blood.
- a. Latent
- b. Visible
- c. Plastic

Question 11
How large was the crash site from Pan Am 103 and the crime scene where evidence was recovered?
- a. 72 square miles
- b. 249 square miles
- c. 687 square miles
- d. 845 square miles
Question 12
What is unique about Mitochondrial DNA?
- a. It is DNA identifying through the mother’s ancestry
- b. It is DNA left only through blood evidence
- c. It is DNA gathered from bugs and insects
- d. It is the term for DNA where there is no known match

Question 13
The use of toner powder and an electrostatic charge to identify it is used for what type of forensic evidence?
- a. Ballistics
- b. Paper indentations
- c. Arson
- d. Cloth fibers

Question 14
Vitreous Humor is fluid found where in the human body for Forensic Toxicology?
- a. Brain
- b. Bones
- c. Eye
- d. Liver

Question 15
This individual along with J. Edgar Hoover was significant in the creation of the FBI Crime Laboratory.
- a. John Gilbert Graham
- b. Herbert J. Miller
- c. Louis Freeh
- d. Charles Appel

Answer Key
1. D
2. B
3. A
4. C
5. A
6. D
7. A
8. C
9. D
10. B
11. D
12. A
13. B
14. C
15. D