Questions concerning PBS NOVA series “ FORENSICS ON TRIAL”

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Period:\_\_\_\_\_\_\_\_\_\_

1. What pillar of Forensics science is brought into question by the Madrid bombing mass killing terrorist act?
2. What does the deposition of fingerprints depend on and why is plastic a difficult surface from which to obtain clear latent ingerprints?
3. What method was used to obtain the latent print on a plastic bag containing bombing material from the Madrid bombing?
4. About how many fingerprints are in the FBI database and how many initial near matches were brought forth in the preliminary search?
5. How many points of similarity are required to declare a fingerprint a match?
6. Why was a lawyer in Portland arrested for involvement in the terrorist act?

1. What attributes of the initial suspect, the Portland lawyer, may have contributed to the FBI’s focus on this individual, besides the fingerprint match?
2. What was the ultimate outcome of this investigation and arrest?
3. How does study of the fly’s eye potentially help improve latent fingerprint collection? What is the potential benefit of this method?
4. In the murder case in New York state, what is the key forensics evidence found on Sabina Kulikowski’s body? What is wrong with the evidence and how does the forensics scientist deal with the inconsistency?
5. What linked Roy Brown to the crime of murdering Ms. Kulikowski according to the police besides the bite mark evidence?
6. What is the key clue that the wrongfully convicted suspect, Roy Brown, uncovers while in prison?
7. What happens after uncovering this key evidence?
8. What does Roy Brown, the wrongfully convicted suspect, insist that the court system do to determine the true perpetrator of the crime? What happens then?
9. What is a virtual autopsy and what benefits does it provide?
10. How big a factor is human error in Forensic Science? Give an example.
11. An elongated droplet of blood can provide evidence of what type of weapon & movement?
12. How was the Nicole Brown & Ron Goldman murder crime scene compromised in the early stage?
13. What evidence was found at the ex husband of Nicole Brown and how does it link to the crime scene at Nicole Brown’s house?
14. How did the doubts arise sufficient to find OJ Simpson innocent?
15. What did the NSA report looking at Forensic Scientific evidence say and what can be done to improve the ability of forensic scientists to serve the application of justice?
16. How are video gamers assisting this effort?