

Forensic Science Challenges

Forensic Science · Practice Test · 8 Questions

1. Which type of fingerprint is most commonly found on surfaces, and is made of a sticky substance like sweat and oils?

- A) Latent prints
- B) Plastic prints
- C) Visible prints
- D) Molded prints

2. In forensic entomology, the study of insects found at a crime scene, which stage of insect development is often crucial for determining the time of death?

- A) Larval stage (maggots)
- B) Egg stage
- C) Adult insect stage
- D) Pupa stage

3. What is the name for the study of teeth and their structure, often used to identify human remains?

- A) Odontology
- B) Anthropology
- C) Osteology
- D) Toxicology

4. When analyzing soil samples found on a suspect's shoes, forensic scientists look for specific minerals and particles. What is the primary goal of this soil analysis?

- A) To link the suspect to a specific location
- B) To determine the age of the soil
- C) To identify the type of plant life in the soil
- D) To measure the moisture content of the soil

5. What is the unique characteristic of a person's gait (their way of walking) that forensic scientists can sometimes analyze from footprints?

- A) Stride length and foot angle
- B) The color of their shoes
- C) The speed at which they walk
- D) The direction they are facing

6. In forensic ballistics, what is the term for the microscopic marks left on a bullet as it travels through the barrel of a gun, which can help identify the firearm used?

- A) Striations
- B) Grooves
- C) Ridges
- D) Caliber

7. What scientific technique uses a process of separating and identifying different chemical substances within a sample, often used to analyze drugs or poisons?

- A) Chromatography
- B) Spectroscopy
- C) Microscopy
- D) Electrophoresis

8. When examining handwriting, forensic document examiners look for specific characteristics that are unique to an individual. What is one of these characteristics often called?

- A) Hortatory features
- B) Calligraphic flourishes
- C) Spurious marks
- D) Graphological patterns