

Question 1

Name two situations in which an investigator would not immediately unplug a computer at an electronic crime scene.

Answer: <https://biology-forums.com/index.php?topic=150258>

Question 2

The process of crime scene reconstruction may enlist the expertise of all of the following EXCEPT:

- a. A trained criminalist.
- b. A criminal personality profiler.
- c. A medical examiner.
- d. A forensic anthropologist.

Answer: <https://biology-forums.com/index.php?topic=149431>

Question 3

A small piece of paper from a hotel notepad is found in the pocket of a potential "hit man" as he attempted to kill his "mark." The paper shows writing in various pen colors, some of which is obliterated and some of which was erased. The top corner of the paper also appears to possess intended writing. Discuss the methods investigators should employ to visualize the writing if possible.

Answer: <https://biology-forums.com/index.php?topic=150191>

Question 4

AFIS is a(n):

- a. Computerized system for storing and retrieving fingerprint records
- b. Method used to determine age of a latent print
- c. Computer system programmed to analyze hair
- d. Assay technique used to identify drugs

Answer: <https://biology-forums.com/index.php?topic=149555>

Question 5

Name two main drawbacks to using AFIS.

Answer: <https://biology-forums.com/index.php?topic=149590>

Question 6

Droplets of _____ are very small. They may not travel far and could be overlooked.

- a. High-velocity spatter
- b. Transfer patterns
- c. Medium-velocity spatter
- d. Low-velocity spatter

Answer: <https://biology-forums.com/index.php?topic=149428>

Question 7

The atoms of hydrogen, deuterium, and tritium all have the same number of protons, but differ in the number of neutrons they possess. These substances are:

- a. Elements.
- b. Compounds.
- c. Molecules.
- d. Isotopes.

Answer: <https://biology-forums.com/index.php?topic=149939>

Question 8

The change in refractive index for tempered glass upon annealing is _____ when compared to nontempered glass.

- a. Greater
- b. The same as
- c. Less than
- d. None of the above

Answer: <https://biology-forums.com/index.php?topic=149710>

Question 9

One parent is type AB; the other parent is type O. A possible genotype for an offspring is:

- a. AB

- b. OO
- c. AO
- d. None of the above

Answer: <https://biology-forums.com/index.php?topic=149996>

Question 10

What keeps track of the location of files and folders on the HDD?

- a. The search engine
- b. The HDD itself
- c. The CPU
- d. The FAT

Answer: <https://biology-forums.com/index.php?topic=150209>

Question 11

The _____ properties of crystals, such as refractive index and birefringence, provide points of identification that help characterize them.

- a. Physical
- b. Chemical
- c. Amorphous
- d. Optical

Answer: <https://biology-forums.com/index.php?topic=149959>

Question 12

Synthetic fibers display _____ because they are crystalline.

- a. High density
- b. Infrared reflectance
- c. Dispersive properties
- d. Birefringence

Answer: <https://biology-forums.com/index.php?topic=149786>

Question 13

Chat and instant messages typically are stored in _____.

Answer: <https://biology-forums.com/index.php?topic=150252>

Question 14

The first systematic system of individual classification and identification was introduced by:

- a. Francis Galton
- b. Richard Henry
- c. William Herschel
- d. Alphonse Bertillon

Answer: <https://biology-forums.com/index.php?topic=149575>

Question 15

Some breath-testing devices for alcohol use _____ light to measure the quantity of alcohol trapped in a chamber.

- a. Visible
- b. Ultraviolet
- c. Infrared
- d. Colored

Answer: <https://biology-forums.com/index.php?topic=149914>

Question 16

The judicial case that set forth the most current guidelines for determining the admissibility of scientific examinations in the federal courts is:

- a. Frye v. United States
- b. Daubert v. Merrell Dow Pharmaceuticals
- c. Coppelino v. State of Florida
- d. Mapp v. United States

Answer: <https://biology-forums.com/index.php?topic=149246>

Question 17

Tempered glass is used in:

- a. Windshields in autos manufactured in the United States.
- b. Crystal stemware.
- c. The side and rear windows of autos manufactured in the United States.
- d. Both b and c

Answer: <https://biology-forums.com/index.php?topic=149707>

Question 18

Hanging cases will typically display:

- a. Fracture of the hyoid bone.
- b. Fracture of the thyroid cartilage.
- c. Abundance of large petechiae on the eyelids.
- d. Blue appearance of the face.

Answer: <https://biology-forums.com/index.php?topic=149501>

Question 19

What approximate percentage of the population is type B?

- a. 80 percent
- b. 41 percent
- c. 38 percent
- d. 15 percent

Answer: <https://biology-forums.com/index.php?topic=149994>

Question 20

The writing characteristics of a person may be altered by whether:

- a. The paper is ruled or unruled.
- b. Pencil, ballpoint, or fountain pen is used.
- c. The posture or stance of the author varies between writings.
- d. All of the above

Answer: <https://biology-forums.com/index.php?topic=150162>