

LAB 7 HOW DID SHE DIE ANSWERS

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Was the victim found in the position that she died or was her body moved?

After death, gravity causes the blood to settle in the lowest parts of the body, which creates a pattern. This pattern is fixed after a certain period, usually between 10 to 12 hours. If the pattern of lividity does not match the position in which the body is found, it can suggest that the body was moved.

How long has the victim been dead based on observations of rigor mortis?

Rigor mortis appears approximately 2 hours after death in the muscles of the face, progresses to the limbs over the next few hours, completing between 6 to 8 hours after death. [10] Rigor mortis then stays for another 12 hours (till 24 hours after death) and then disappears.

Where was lividity observed on the body? These patches increase in intensity and, at its peak, lividity results in a widespread reddening or purpling of the skin. For example, if a body was found hanging as a result of suicide, the hands, forearms, feet, and lower extremities would be significantly redder due to the pooling of blood in those areas.

What is the cause of death in forensic medicine? The cause of death is the specific injury or disease that leads to death. The manner of death is the determination of how the injury or disease leads to death. There are five manners of death (natural, accident, suicide, homicide, and undetermined).

Was the dead woman found alive in the body bag?

How to tell if a body was moved? Rigor mortis may be used to deduce the position of the decedent if the body has been moved after the development of rigor mortis. If rigor mortis is broken by manipulation before becoming fully fixed, it may reform in

the new position.

What is it called when a dead body sits up? Rigor mortis: Following death, the body will turn stiff over a few hours. The muscles become loose and limp with death, yet the entire body will stiffen after a couple of hours because the muscle fibers contract and freeze and cannot disengage and relax.

How long after death does the jaw lock? Shortly thereafter, rigor mortis begins to appear in the muscles of the eyelids and the jaw (at the earliest, approximately 20 min postmortem); the jaw tightens due to stiffening of the masticatory muscles.

How long before a person turns blue? When they settle in the capillaries and other small blood vessels, they trigger discoloration on the skin's surface. Though this discoloration (including a purplish blue hue and reddish spots) begins to set in about an hour after death, it usually isn't visible until a few hours later.

How long does it take for a body to turn black after death? There are four general stages of putrefaction: Putrefaction (4-10 days after death) – Autolysis occurs and gases (odor) and discoloration starts. Black putrefaction (10-20 days after death) – exposed skin turns black, bloating collapses and fluids are released from the body.

How long does a body stay blue after death? Livor mortis usually sets in 20 to 30 minutes after death and increases in intensity until it becomes fixed at about 12 hours. Assessment of livor mortis can be useful in determining the approximate time of death or cause of death, based on the approximate stage of lividity and the specific coloration.

Why does a body turn purple after death? Livor mortis, also known as postmortem hypostasis or postmortem lividity, is a passive process of blood accumulating within the blood vessels in the dependent parts of the body as a result of gravity, causing a discoloration of the skin that varies from pink to dark purplish.

What are the 5 manners of death? The classifications are natural, accident, suicide, homicide, undetermined, and pending. Only medical examiner's and coroners may use all of the manners of death. Other certifiers must use natural or refer the death to the medical examiner. The manner of death is determined by the

medical examiner.

What disease has the highest death count? Leading causes of death in 2021 globally The world's biggest killer is ischaemic heart disease, responsible for 13% of the world's total deaths. Since 2000, the largest increase in deaths has been for this disease, rising by 2.7 million to 9.1 million deaths in 2021.

Is a gunshot wound a manner of death? Different categories are used in different jurisdictions, but manner of death determinations include everything from very broad categories like "natural" and "homicide" to specific manners like "traffic accident" or "gunshot wound".

Who was the girl killed and her organs removed? Zandile Nsele, 40, was sentenced to life imprisonment for kidnapping, murdering and then removing the organs of 10-year-old Sphumelelo Mzimba. She kidnapped Sphumelelo in June 2019 in the Nazareth area, near Pinetown, by luring her away on the pretence that she would take the child to the shop to buy chips.

Who was the child found alive in the casket?

Who was the woman still alive in the coffin? Bella Montoya, 76, initially entered the hospital for a stroke and was reported dead once before her actual death Friday. A woman in Ecuador who was previously discovered to be alive in a coffin at her own wake has now actually passed away.

Why is the tongue removed during autopsy? Both terms essentially mean "examination after death." Why is the tongue removed during autopsy? The tongue is removed during autopsy to thoroughly examine the oral cavity, access other throat structures, document any abnormalities, take tissue samples for further examination, and eliminate obstruction.

How is the head closed up after an autopsy? After the pathologist has finished the examination and the organs are returned to the body, the post mortem technician will sew back up the body. Once the Y incision and the head are sewn up, the autopsy (without brain and tissue analysis) is complete. Stitching of the incision is like that on a baseball.

How long after death can an autopsy be done? Pathologists can do autopsies on bodies any time after death. However, the sooner, the better. After 24 hours, organs and other body tissues start to deteriorate, which makes it more difficult to perform certain tests and assess their accuracy.

How is it possible to determine someone's body position when they died if a body was moved after death? Explain how it is possible to determine someone's body position when they die if a body was moved after death by examining the body has been moved. Lividity can also reveal that a body has been moved. For example, if a person has died in a chair, lividity would appear in the thighs, butt, and the bottom of the feet.

How long after death does the body release fluids? There are four general stages of putrefaction: Putrefaction (4-10 days after death) – Autolysis occurs and gases (odor) and discoloration starts. Black putrefaction (10-20 days after death) – exposed skin turns black, bloating collapses and fluids are released from the body.

How long does it take for a body to go cold after death? Muscle cells live on for several hours. Bone and skin cells can stay alive for several days. It takes around 12 hours for a human body to be cool to the touch and 24 hours to cool to the core. Rigor mortis commences after three hours and lasts until 36 hours after death.

Who is in charge of collecting evidence found on a dead body? The collection of evidence from the body of a deceased person requires the cooperation of the Coroner's Office and all law enforcement agencies. Typically, the Coroner's office has jurisdiction over the body and property of the deceased.

When a person dies, they have 7 minutes.? “ Some scientists claim that the brain might be active for a short time after someone dies, maybe 7 minutes or more. They're not sure what happens during that time, if it's like a dream, seeing memories, or something else. But if it is memories, then you'd definitely be part of my 7 minutes or hopefully, more.

What happens if you touch a dead body? Infection risks from dead bodies Tuberculosis, Hepatitis B and C, HIV/AIDS, Creutzfeldt-Jakob disease, meningococcal disease, and Group A streptococcal disease are considered to pose

the greatest risks for those handling or in contact with recently dead bodies.

What does a dead body feel like to touch? After death, the body goes through natural changes. During the first hour, muscles relax, and the skin becomes pale. Over the next two to six hours, muscles begin to stiffen. This stiffening, called rigor mortis, peaks after seven to 12 hours.

What is the first organ to shut down when dying? It lets go of what it doesn't really need in order to concentrate its waning energy on the most important tasks: continued breathing and blood flow. It is, ultimately, a losing battle with the disease. But the body tries valiantly. The first organ system to “close down” is the digestive system.

Which organ dies last after death? Decompensation progresses over a period of minutes even after the pulse is lost. Even when vascular collapse is the primary event, brain and lung functions stop next. The heart is the last organ to fail.

How long does it take for the body to shut down at end of life? The body begins its natural process of slowing down all its functions. How long this takes varies from person to person. It might take hours or days. The dying person will feel weak and sleep a lot.

Do morticians empty the bowels? Most of the time when someone dies some fecal material is expressed because of muscle relaxation. The body is cleaned at the funeral home but feces are not extracted.

Why do they put gloves on the dead? There are a few reasons for this tradition. First, it is seen as a sign of respect for the deceased. The gloves protect the hands of the pallbearers from coming into contact with the body of the deceased. Second, the gloves protect the pallbearers from the germs that may be on the body of the deceased.

How long does blood stay in the body after death? 8-10 days after death — the body turns from green to red as the blood decomposes and the organs in the abdomen accumulate gas.

What body part is always removed during autopsy? If a complete internal examination is called for, the pathologist removes and dissects the chest, abdominal

and pelvic organs, and (if necessary) the brain.

What is the first cut made to the body during an autopsy? The first cut known as the 'Y' incision, is made. The tail of the Y extends from the sternum to the pubic bone and typically deviates to avoid the navel. The incision is very deep, extending to the rib cage on the chest, and completely through the abdominal wall below that.

What does not show up in autopsy? What an autopsy report can't show. In general, an autopsy report cannot detail in what order a person's wounds were inflicted. The report will detail the number and location of wounds. Detectives can then use this information, along with other evidence that has been gathered, to infer how an incident unfolded.

System Administrator Interview Questions and Answers for Linux

System administrators play a crucial role in managing and maintaining Linux-based systems. During job interviews, candidates are often asked questions to assess their knowledge and skills in Linux administration. Here are some common interview questions and answers:

1. What is your experience with Linux distribution management? "I have extensive experience managing various Linux distributions, including Ubuntu, CentOS, and Red Hat Enterprise Linux. I am proficient in package management, system updates, and kernel upgrades."

2. How do you troubleshoot network connectivity issues? "To troubleshoot network connectivity issues, I begin by verifying IP address configuration and connectivity using tools like ping and traceroute. If the issue persists, I examine network interfaces, routing tables, and firewall settings. I also utilize diagnostic tools like tcpdump and netstat to analyze network traffic."

3. Describe your approach to system security. "System security is paramount. I implement strong password policies, configure firewalls, and regularly update software to patch vulnerabilities. I also monitor system logs for suspicious activity and use tools like SELinux and AppArmor to enforce access controls."

4. How do you handle system backups and disaster recovery? "I employ regular backups to ensure system data is protected. I use tools like tar and rsync to create

backups and store them in multiple locations, such as remote servers or cloud storage. In the event of a system failure, I can quickly restore data using these backups."

5. What are your favorite Linux tools and why? "My favorite Linux tools include:

- **Bash:** Powerful scripting language for automating tasks
- **Vim:** Efficient text editor for writing and editing configuration files
- **top:** Real-time monitoring of system performance
- **tcpdump:** Network traffic analysis and troubleshooting
- **sshd:** Remote shell access and management"

The Study of Language: Exploring George Yule's Contributions

George Yule is a renowned linguist whose work has significantly impacted the study of language. His pioneering research and insightful writings have provided valuable contributions to our understanding of linguistics.

What is Linguistics?

Linguistics is the scientific study of language. It encompasses a wide range of topics, including phonetics, phonology, morphology, syntax, semantics, and pragmatics. Linguists seek to understand how language works, how it is acquired, and how it is used in communication.

Yule's Contributions to Linguistics

George Yule has made significant contributions to the study of language in several areas:

- **Presupposition and Lexical Semantics:** Yule's work on presupposition has been instrumental in developing our understanding of how speakers convey information that is not explicitly stated in an utterance.
- **Discourse Analysis:** Yule has explored various aspects of discourse, including cohesion, coherence, and speech acts, shedding light on how language is used to structure coherent and meaningful communication.

- **Pragmatics:** Yule's contributions to pragmatics have deepened our knowledge of how context and the speaker's intentions influence language use. He has highlighted the importance of deixis, the use of words that rely on the context for their meaning.

Applications of Linguistics

The study of language has practical applications in various fields, including:

- **Education:** Linguistics provides insights into how children acquire language and how language can be taught effectively.
- **Communication:** An understanding of linguistics helps improve communication skills, both in spoken and written form.
- **Technology:** Linguistics plays a vital role in natural language processing and other areas of artificial intelligence.

Why is Linguistics Important?

Linguistics is important because it provides a framework for understanding the fundamental nature of human communication. By studying language, we gain insights into our own thought processes, our cultures, and our relationship with others.

The Law Machine: A Deep Dive with Berlins and Dyer

Q: What is the central premise of "The Law Machine" by Marcel Berlins and Clare Dyer?

A: "The Law Machine" delves into the intricate world of Britain's criminal justice system, examining its vast network of courts, prisons, and probation services. The authors explore how these institutions shape the lives of those caught within them, from victims and offenders to lawyers and judges.

Q: How does the book highlight the interconnectedness of the system?

A: Berlins and Dyer demonstrate the interconnectedness of the system by tracing the experiences of various individuals. From a young woman facing trial for a violent crime to a prisoner struggling to rebuild their life after release, the book shows how

decisions made at one level can have ripple effects throughout the entire apparatus.

Q: What insights does the book provide into the role of technology in the criminal justice system?

A: The authors examine how technology, such as data analytics and predictive policing, is increasingly shaping the way crimes are investigated and offenders are managed. They raise concerns about the potential for bias and discrimination in these systems, highlighting the need for ethical considerations in their use.

Q: How does "The Law Machine" address the issue of wrongful convictions?

A: Berlins and Dyer delve into the tragic consequences of wrongful convictions, showcasing the suffering and injustice experienced by those who have been wrongly imprisoned. They discuss the need for robust mechanisms to prevent and rectify such errors, as well as the importance of supporting exonerated individuals as they rebuild their lives.

Q: Where can readers purchase "The Law Machine" by Marcel Berlins and Clare Dyer?

A: **Waterstones** is a leading bookseller that stocks "The Law Machine" both in-store and online. Visit their website or find your nearest Waterstones store to purchase a copy and delve into the fascinating world of Britain's criminal justice system.

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