SI Forensics - Full Discipline Demo

Autopsy

Final Report - Answer Guide

InstitutionScience Interactive UniversitySessionSI Forensics - Full Discipline DemoCourseSI Forensics - Full Discipline Demo

Instructor Sales SI Demo

Test Your Knowledge

Classify each statement as referring to cause of death or manner of death.

Correct answers:

Describes the specific injury or disease that lead to the decedent's death.

2

Describes how the injury or disease that lead to the individual's death occurred.

Categories include natural, accident, homicide, suicide, or undetermined.



Classify each statement as part of the external examination or internal examination portion of an autopsy.

	:: Removal	of abdominal fluid.				
Organ dissec		## ned, and sometimes preserved for later				
	: Documentation of ab	pnormalities on a body diagram.				
The sk	kin, eyes, and mouth are examined for any abnormalities or obvious external ds. ## All of the organs are removed as one unit, called the body block.					
	: Examination of lividity.	: Organs are examined in place.				
	External Examination	Internal Examination				
1		2				

Correct answers:

1 Examination of lividity.

The skin, eyes, and mouth are examined for any abnormalities or obvious external wounds.

Documentation of abnormalities on a body diagram.

2 Removal of abdominal fluid.

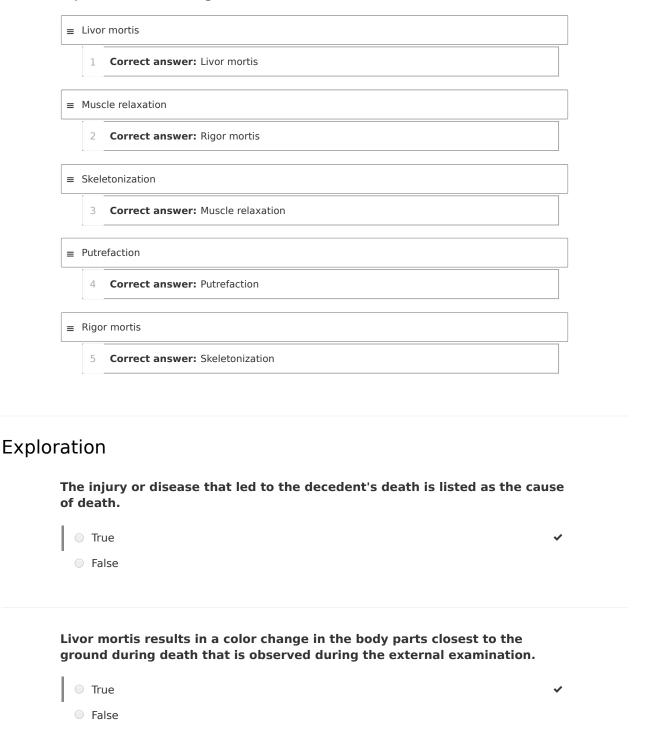
Organs are removed, weighed, examined, and sometimes preserved for later dissection.

All of the organs are removed as one unit, called the body block.

Organs are examined in place.



Place the stages of decomposition in order with the earliest stage at the top and the latest stage at the bottom.



	The	are removed as one unit, called the body block.	
		ribs	
		organs	
		body fluids	
		brain	
		scles lock into a state called for approximately 12 - 48 hours er death.	
		putrefaction	
		skeletonization	
		rigor mortis	
		livor mortis	
ndividu	n the	1 e condition of the body, approximately how long has it most likely been since ed? Use your knowledge of the processes the body goes through after death r answer.	
What re	sults	of the autopsy supported the determined cause and manner of death?	



forensics autopsy be ordered?						

Data Table 1: Autopsy Report (SAMPLE ANSWER BELOW)

Pathologist Name	Student Name	Date	Date student performs exercise	
Age	61	Body Length	67 inches	
Sex	Male	Race	Caucasian/White	
Eyes	No abnormalities observed	Hair	White	
Lividity (Location, Color)	Lividity is along the decedent's back.			
Distinguishing Features				
Left Kidney	Weighs 240 g, appears healthy			
Right Kidney	Weighs 230 g, appears healthy			
Bladder	Appears healthy			
Prostate	Benign nodule approximately 1.5 cm in diameter			
Stomach	Damaged blood vessels in the stomach lining, contents mostly blood.			
Spleen	Appears healthy			
Pancreas	Appears healthy			
Liver	Severe cirrhosis			
Heart	Weighs 540 g, Small circular scar on the posterior apex			
Left Lung	Weighs 690 g, appears healthy			
Right Lung	Weighs 870 g, appears healthy			
Larynx	Appears healthy			
Brain	Weighs 1410g, appears healthy			
Cause of Death	Cirrhosis of the liver			
Manner of Death	Natural			

Competency Review



investigation is used to determine the manner of deatl	ı.
True	
○ False	~
Which of the following is NOT a manner of death?	
Homicide	
Suicide	
Suspicious	~
Natural	•
Natural	
can be indicative that a body has been moved in the skin are in a place where pools of blood could not to gravity.	
Livor mortis	~
Rigor mortis	
The body block	
The Y incision	
The internal examination begins with a Y-shaped incisi	on.
○ True	~
False	
Muscles relax out of rigor mortis approximately	_ after death.
30 minutes	
6 hours	
12 hours	
48 hours	~
-	

An autopsy is used to determine the cause of death, and the crime scene



cause of acutif are floted on the autopsy form	
TrueFalse	~
Damaged blood vessels in the stomach lining result in an effect referred as	d to
watermelon stomach	✓
 bread loafing 	
 strawberry lining 	
 cirrhosis of the stomach 	
The manner of death of the decedent in Exercise 1 was natural.	
○ True	✓
○ False	

During an autopsy, only observations directly relevant to the potential

cause of death are noted on the autonsy form.

Extension Questions

Though cause of death can typically be determined immediately after conclusion of the autopsy, manner of death often takes months to determine. Why is this the case? (SAMPLE ANSWER BELOW)

Because manner of death often requires information from both the autopsy and the criminal investigation, it may not be determined until the criminal investigation is completed. For example, in the instance where the cause of death is injuries sustained due to a fall from a great height, the medical examiner alone may not be able to conclude if the fall was an accident, a homicide, or a suicide. Determining the manner of death may take months, years, or in some cases may never be determined in which case it is deemed undetermined.