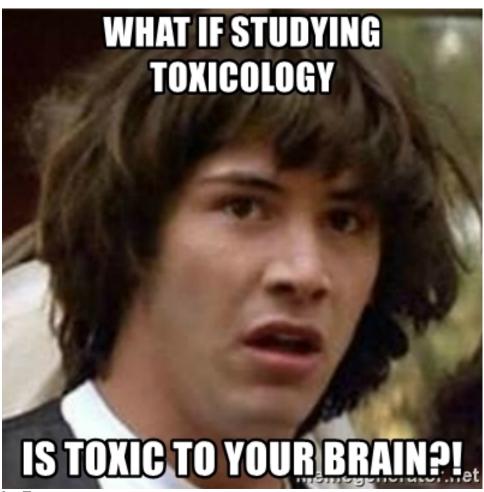
Name:	Per:	Date:	

## **Unit 11: Drugs and Toxicology Review Sheet - KEY**

Test Date: Monday May 7, 2018



### Format of the Test:

- Vocabulary 10 matching questions
- Intoxicant vs. Poison 5 questions
- Identify the Poison 10 questions
- Presumptive Tests for Poisons and Intoxicants 5 matching question
- Multiple Choice Questions 10 questions
- Reading Graphs 10 questions

## What Documents Should I Study?

- Unit 11 Note Packet
- Toxicology Article Summary Sheet
- The Forensic Files Episode Graphic Organizer
  - o Forensic Files Death by Poison Writer's Block (YouTube)

#### REMEMBER: YOU ARE ALLOWED TO USE AN INDEX CARD

ALL DOCUMENTS CAN BE FOUND ON THE WEBSITE

LSCANLONSCIENCE.WEEBLY.COM → Forensics → Course Units → Unit 11 Drugs/Toxicology

Name	:		Per:	Date:
Voca	abul	-		
•	Toxic	The study of the combination of drugs, poisons, and other toxic living		
•	Toxic	ologist:		
	0		•	ing the presence of drugs and
•	<b>LD</b> <sub>50</sub> :			
	0	The dose of a substance that kill	ls half the test po	pulation usually within 4 hours
•	Intoxi	icant:		
	0	Requires a large amount to be i	ngested to be le	thal
•	Poiso	n:		
	0	Requires a very small amount to	be ingested to	be lethal
•	Biotra	ansformation:		
	0	The metabolism or break down it	of chemicals by	the body in order to eliminate
•	BAC:	Blood-alcohol content – the amo	ount of alcohol in	ı the blood expressed in grams
•	Presu	ımptive tests:		
	0	Tests used to assume the presen	nce of a substand	ce – not completely reliable
•	Confi	rmatory tests:		
	0	Tests used to confirm the prese	nce of a substan	ce
•		Gas chromatography:  O The most widely used confirmatory test for toxins and poisons that separates the sample into its components		
Into	xica	nt vs. Poison		
1.		rinks 2 bottles of beer in an hour	and is slightly b	uzzed. Alcohol is considered
	a.	An intoxicant	b	. A poison
2.		ndrew poisoned his neighbor with very small amount of cyanide. Cyanaide is onsidered to be		t of cyanide. Cyanaide is
		An intoxicant	b	. A poison
3.		y medicine is considered to be _		
	a.	An intoxicant	b	. A poison

Name:	:	Per:	Date:	
4.	Water is considered to be			
	a. An intoxicant		A poison	
5.	Black widow (a poisonous spider)	venom is considered	to be	
	a. An intoxicant	<mark>b.</mark>	A poison	
Iden	tify the Poison			
1.	Patient A is vomiting black vomit.	They most likely inge	sted	
	a. Hydrochloric acid		Carbon monoxide	
	b. Sulfuric acid	d.	Cyanide	
2.	Patient B has red patches on their chest and thigh. The most likely cause of death is due to			
	a. Hydrochloric acid	c.	Carbon monoxide	
	b. Sulfuric acid	d.	Cyanide	
	Patient C drank a mysterious clear likely drank	liquid and is losing th	neir sight. Patient C most	
	a. Hydrochloric acid	c.	Caustic poison	
	b. Sulfuric acid		Isopropyl/methyl alcohol	
	Patient D is found to have bright cois due to	herry red blood. The	cause from this unusual color	
	<ul> <li>a. Hydrochloric acid</li> </ul>	C.	Carbon monoxide	
	h Sulfuric acid	a	Cyanide	

# **KEEP GOING!**

Name:	_ Per:	Date:	
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# **Presumptive Tests for Poisons and Intoxicants**

Directions: Fill in the chart below to correctly match the poison/intoxicant and the presumptive test used to identify the presence of the substance

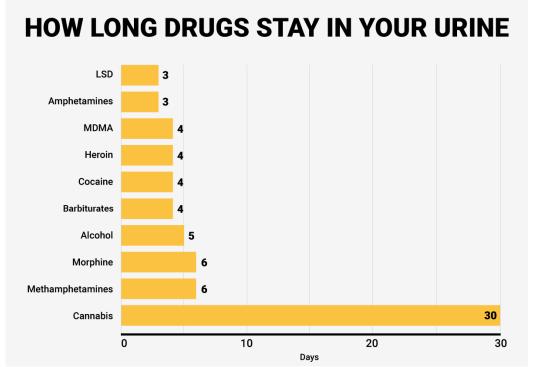
Presumptive Test Name	Poison/Intoxicant Identified	
Marquis test	Opium and derivatives	
Duquenois-Levine test	Marijuana (THC)	
Van Urk test	LSD	
Scott test	Cocain	
Dillie-Koppavi test	Barbituates	

# **Multiple Choice Questions**

u	upic onoice Questions			
1.	If a person ingested a taste to a drop of a mystery solution and died, it can be said that the solution was			
	a. Extremely toxic	c. Slightly toxic		
	b. Moderately toxic	d. Relatively harmless		
2.	. The body breaks down heroin into a simpler compound called			
	a. Dopamine	c. Guanine		
	b. Morphine	d. Cytosine		
3.	Stomach contents is a popular way to str	ıdy toxicology because digestion stops		
	a. At the time of death	c. l day after death		
	b. I hour after death	d. I week after death		
4.	Which of the following is an example of a presumptive test for alcohol?			
	a. Nystagmus	c. Finger to nose		
	b. Pupil dilation	d. All of the above		
5.	If a toxic in breathed in, it is most likely going to be concentrated in the			
	a. Blood stream	c. Liver		
	b. Stomach	d. Lungs		

## **Reading Graphs**

Directions: Base the answers to the following questions on the graph below.



- 1. Which drug stays in your urine for the LEAST amount of time?
  - a. LSD

c. Morphine

b. Cocaine

- d. Cannabis
- 2. Which two drugs stay in your urine for the same amount of time?
  - a. Heroin and morphine
  - b. Alcohol and LSD
  - c. Barbiturates and MDMA
  - d. Methamphetamines and amphetamines
- 3. A mystery drug stays in the urine for a longer time than cocaine, and a shorter time than morphine, this drug is most likely?
  - a. Amphetamines

c. MDMA

b. Heroine

d. Alcohol

- 4. Which two drugs stay in your urine for different amounts of time
  - a. MDMA and alcohol
  - b. Cocaine and barbiturates
  - c. Morphine and methamphetamines
  - d. LSD and amphetamines
- 5. Alcohol tends to stay in your urine for approximately
  - a. 5 minutes

c. 5 days

b. 5 hours

d. 5 weeks