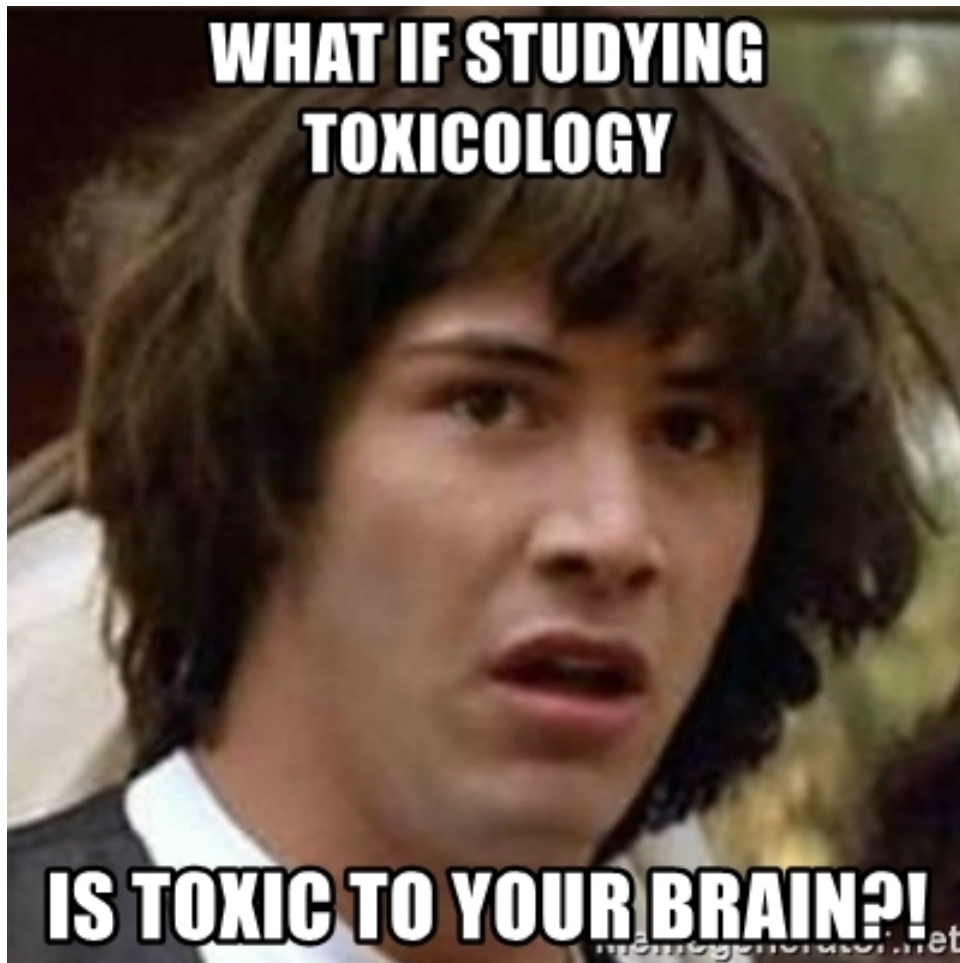


## Unit 11: Drugs and Toxicology Review Sheet

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
  - 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: \_\_\_\_\_

## Vocabulary

- Toxicology:

\_\_\_\_\_

- Toxicologist:

\_\_\_\_\_

- LD<sub>50</sub>:

\_\_\_\_\_

- Intoxicant:

\_\_\_\_\_

- Poison:

\_\_\_\_\_

- Biotransformation:

\_\_\_\_\_

- BAC:

\_\_\_\_\_

- Presumptive tests:

\_\_\_\_\_

- Confirmatory tests:

\_\_\_\_\_

- Gas chromatography:

\_\_\_\_\_

## Intoxicant vs. Poison

1. Bob drinks 2 bottles of beer in an hour and is slightly buzzed. Alcohol is considered to be \_\_\_\_\_.
  - a. An intoxicant
  - b. A poison
2. Andrew poisoned his neighbor with very small amount of cyanide. Cyanide is considered to be \_\_\_\_\_.
  - a. An intoxicant
  - b. A poison



Name: \_\_\_\_\_ Per: \_\_\_\_\_ Date: \_\_\_\_\_

## 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

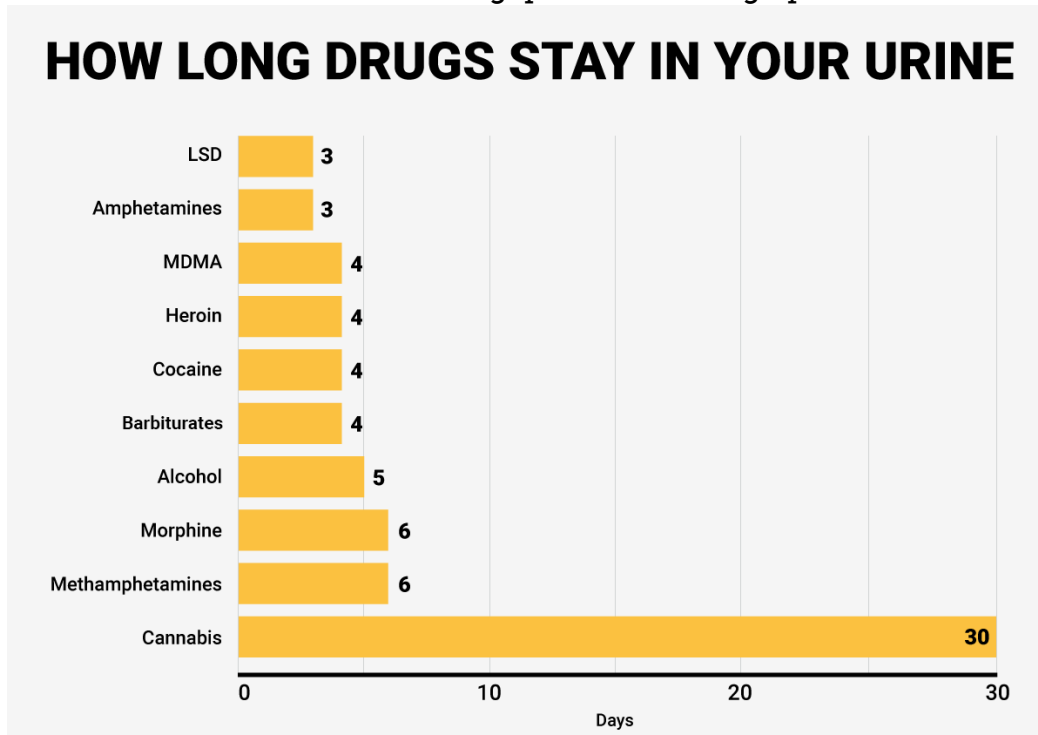
Presumptive Test Name	Poison/Intoxicant Identified

## Multiple Choice Questions

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

## Reading Graphs

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



- Which drug stays in your urine for the LEAST amount of time?
  - LSD
  - Cocaine
  - Morphine
  - Cannabis
- Which two drugs stay in your urine for the same amount of time?
  - Heroin and morphine
  - Alcohol and LSD
  - Barbiturates and MDMA
  - Methamphetamines and amphetamines
- A mystery drug stays in the urine for a longer time than cocaine, and a shorter time than morphine, this drug is most likely?
  - Amphetamines
  - Heroine
  - MDMA
  - Alcohol
- Which two drugs stay in your urine for different amounts of time?
  - MDMA and alcohol
  - Cocaine and barbiturates
  - Morphine and methamphetamines
  - LSD and amphetamines
- Alcohol tends to stay in your urine for approximately
  - 5 minutes
  - 5 hours
  - 5 days
  - 5 weeks